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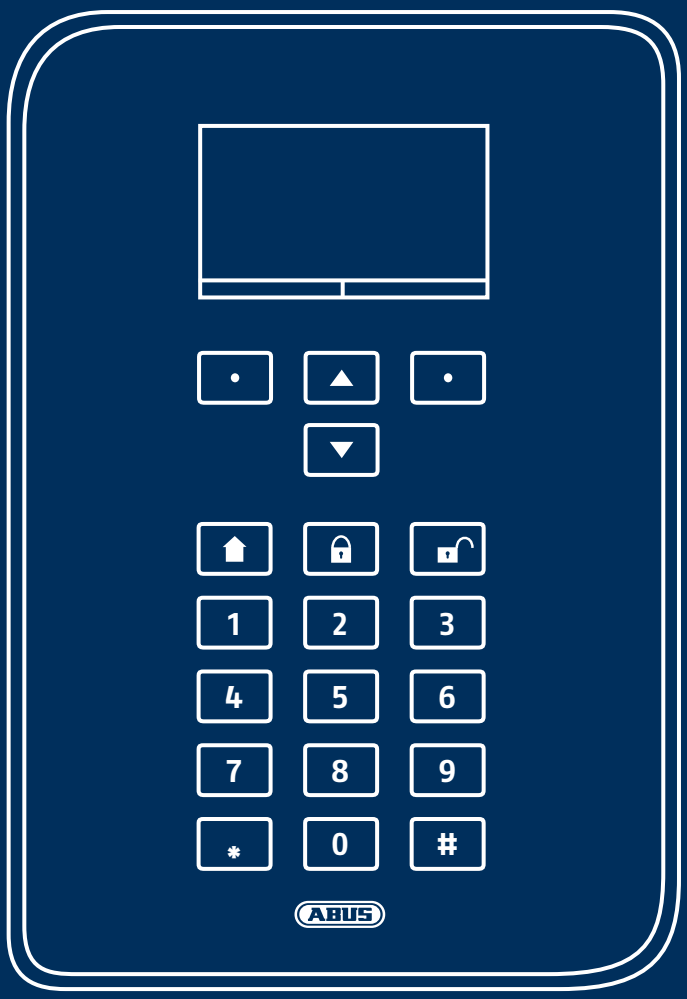
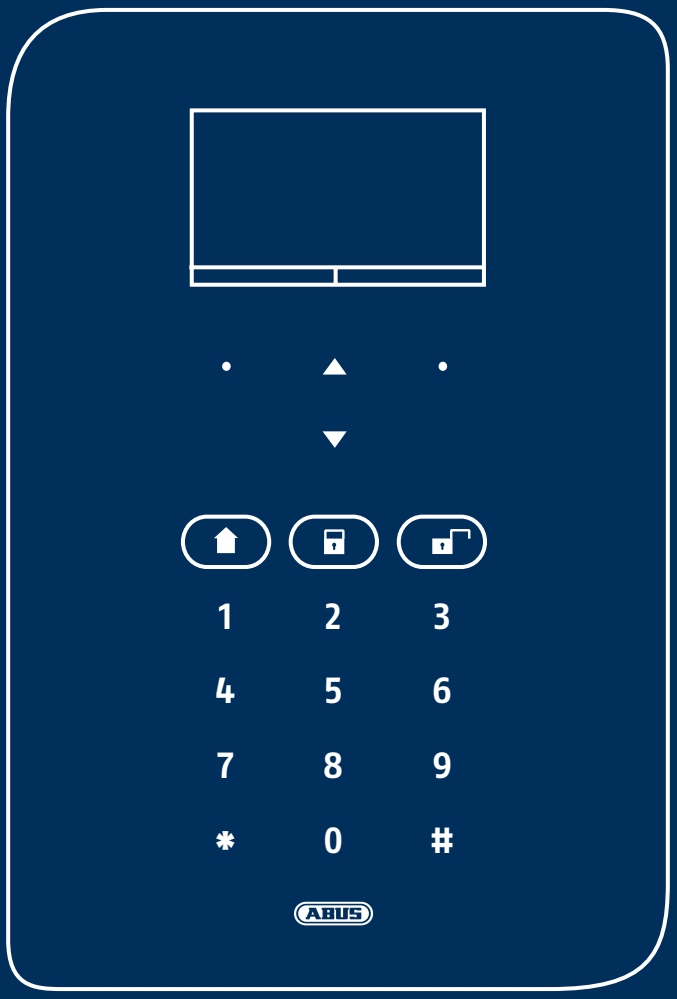
SECVEST

Installer manual





V3.01.17

Deutsch

Diese Bedienungsanleitung enthält wichtige Hinweise zur Inbetriebnahme und Handhabung.

Achten Sie hierauf, auch wenn Sie dieses Produkt an Dritte weitergeben.

Eine Auflistung der Inhalte finden Sie im Inhaltsverzeichnis mit Angabe der entsprechenden Seitenzahlen.

Nederlands

Deze gebruiksaanwijzing hoort bij dit product.

Er staan belagrijke aanwijzingen in betreffende de ingebruikname en gebruik, ook als u dit product doorgeeft aan derden.

U vindt een opsomming van de inhoud in de inhoudsopgave met aanduiding van de paginanummers.

English

These user manual contains important information for installation and operation.

This should be also noted when this product is passed on to a third party.

A list of contents with the corresponding page number can be found in the index.

Dansk

Denne manual hører sammen med dette produkt.

Den indeholder vigtig information som skal bruges under opsætning og efterfølgende ved service.

Indholdet kan ses med sideanvisninger kan findes i indekset .

Français

Ce mode d’emploi appartient à de produit.

Il contient des recommandations en ce qui concerne sa mise en service et sa manutention.

Vous trouverez le récapitulatif des indications du contenu á la table des matières avec mention de la page correspondante.

Italiano

Queste istruzioni contengono avvertenze importanti per la messa in funzione e l’utilizzo. La preghiamo pertanto di conservare le presenti istruzioni per eventuali consultazioni future. Le presenti istruzioni sono parte integrante del prodotto, pertanto vanno osservate anche in caso di cessione del prodotto a terzi.

Limitation of liability

Everything possible has been done to ensure that the content of these instructions is correct. However, neither the author nor ABUS Security-Center GmbH & Co. KG can be held liable for loss or damage caused by incorrect or improper installation and operation or failure to observe the safety instructions and warnings. No liability can be accepted for consequential damage. No part of the product may be changed or modified in any way. If you do not follow these instructions, your warranty claim will be invalid. The content of all external links within the text is not the responsibility of ABUS Security-Center GmbH & Co. KG, but is instead managed by the respective providers. ABUS Security-Center GmbH & Co. KG carefully checked the linked external websites at the time of publication and no potential legal infringements were identified at the time the link was established. We have no influence on subsequent changes. Liability of ABUS Security-Center GmbH & Co. KG is therefore excluded.
Subject to technical modifications.

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Note

S/W 3.01.17

This manual relates to software version 3.01.17 and all other previously published software versions. All new features that are only valid from a certain software version are marked accordingly, e.g. >=2.00.00. All other features that are valid up to a certain software version are also marked accordingly, e.g. <2.00.00.

Declaration of conformity

ABUS Security-Center hereby declares that the radio equipment type FUAA50xxx is in compliance with RED Directive 2014/53/EU. The full EU Declaration of Conformity text can be found at:
www.abus.com Item search FUAA50xxxx/Downloads.

The Declaration of Conformity can also be obtained from the following address:
ABUS Security-Center GmbH & Co. KG
Linker Kreuthweg 5
86444 Affing
GERMANY

Warranty

Note

- ABUS products are designed and manufactured with the greatest care and tested according to the applicable regulations.
- The warranty only covers defects caused by material or manufacturing errors at the time of sale. If there are demonstrable material or manufacturing errors, the alarm panel will be repaired or replaced at the warrantor's discretion.
- In such cases, the warranty ends when the original warranty period of two years expires. All further claims are expressly rejected.
- ABUS will not be held liable for defects and damage caused by external influences (e.g. transport, use of force, operating errors), inappropriate use, normal wear and tear, or failure to observe the instructions in this manual.
- In the event of a warranty claim, the original receipt with the date of purchase and a short written description of the problem must be supplied with the product.
- Should you discover a defect on your alarm panel that was already present at the time of purchase, please contact your dealer directly within the first two years.

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Quickstart guide

Target audience

The instructions for installers aim to help navigate the individual menus of the program interface.

These instructions are aimed at trained technicians that have taken an ABUS Security-Center GmbH & Co. KG seminar and acquired the necessary fundamental knowledge about the following:

- Installing the wireless alarm system.
- Installing peripheral devices for the wireless alarm system (e.g. detectors, sirens, GSM/GPRS module, surveillance cameras).
- Configuring peripheral devices for the wireless alarm system

These instructions for installers provide an overview of the setting options in the individual menus.

Installing Secvest

The installation of the Secvest wireless alarm system is described in the chapter Mounting/Installation.

Additional information can be found in the document supplied in the scope of delivery, "Quick Guide FUAA50000".

The installation/user manual can also be downloaded as a PDF document.

Link to download the document:
www.abus.com/ger/products/FUAA50000

Configuring Secvest

The configuration of the wireless alarm system is described there.

Secvest function test

After installation and configuration, perform a complete function test for all systems and components.

Train the user in the basic operation of the system:

- Logging in/out
- Arming/disarming
- Operating the Secvest and remote control.
- Create a handover log

Note

Please observe the general notes for user training.

Provide the user with the user manual and the quick start guide and, where applicable, these installation instructions.

Safety information

Explanation of symbols

The following symbols are used in this manual and on the device:

Symbol	Signal word	Meaning
	Danger	Indicates a risk of injury or health hazards.
	Danger	Indicates a risk of injury or health hazards caused by electrical voltage.
	Important	Indicates possible damage to the device/accessories.
	Note	Indicates important information.
		The EU Directive WEEE 2012/19/EU governs the proper recovery, treatment and recycling of used electronic devices. This symbol means that, in the interest of environmental protection, the device must be disposed of separately from household or industrial waste at the end of its lifespan, in accordance with applicable local legal guidelines. Used devices can be disposed of at official recycling centres in your country. Obey local regulations when disposing of materials. Further details on returns (also for non-EU countries) can be obtained from your local authority. Separate collection and recycling conserve natural resources and ensure that all the provisions for protecting health and the environment are observed when recycling the product.

The following conventions are used in the text:

	Meaning
1. … 2. …	Required action to be carried out in a set order
• … • …	List without a set order, given either in the text or warning notice

Intended use

Only use the device for the purpose for which it was built and designed. Any other use is not considered to be the intended use.

This device may only be used for the following purpose(s):

- intruder alarm system, alarm system.

This product complies with current domestic and European regulations.

Conformity has been certified, and all related certifications are available from the manufacturer on request.

To ensure this condition is maintained and that safe operation is guaranteed, it is your obligation to observe this manual. If you have any questions, please contact your specialist dealer. Further general information and information on product support can be found at www.abus.com on the general page or for dealers and installers, in the Partner portal.

Danger

Set the alarm panel to installer mode before starting any installation or maintenance work. Installer mode prevents alarms from being activated when the cover of the control panel or of another component is opened.

General

Before using this device for the first time, please read the following instructions carefully and observe all warning information, even if you are familiar with the use of electronic devices.

Danger

All guarantee claims are invalid in the event of damage caused by non-compliance with these instructions.

We cannot be held liable for resulting damage.

Danger

In the event of personal or material damage caused by improper operation or non-compliance with the safety information, we cannot be held liable.

All guarantee claims are void in such cases.

Store the instructions in a safe place for future reference.

If you sell or pass on the device to third parties, you must include these instructions with the device.

This device has been manufactured in accordance with international safety standards.

Note

S/W >=1.01.02

During the initial set-up of the alarm control panel there is **neither** a **predefined standard installer code nor** a **predefined standard administrator code**. These need to be individually assigned in the set-up wizard.

After the initial start-up, please change the **default installer name** (**code = name**) as well as the **default administrator name** (**code = name**) to secure user names. When adding users, please make sure you are careful about how log-in details are handled.

Handling log-in details for your security systems

Basics:

- User names and codes for logging into security systems should be known only by the legal owners and never given out to unauthorised parties.
- If you have to pass this information on via email, please take care to send the user name and code in two separate emails.
- User names and codes should be changed regularly.

Standards

- User names must be at least eight characters long.
- They should ideally contain characters from at least three of the following categories: uppercase letters, lowercase letters, special characters, and numbers.
- User names should never contain your own name, the name of a family member, your pet, your best friend or your favourite celebrity, or your hobby or date of birth.
- Avoid using user names and codes that you use on other websites or that could be easily guessed by others.
- Your user name should not be able to be found in a dictionary and should never be a product name.
- It should not be a conventional series of characters, a repeated pattern or a keyboard pattern, such as asdfgh or 1234abcd.
- You should avoid only using numbers at the end of your user name or using one of the more typical special characters (! ? #) at the beginning or end to compensate for an otherwise simple user name.
- User names and codes should be changed at least every 180 days.
- New user names and codes should not be identical to any of the three combinations used before them.
- New user names and codes should differ from user names and codes that have been used before by at least two characters.
- Macros and scripts should not be used to input user names and codes.

On alarm panels in general

Incorrect or unclean installation work may lead to erroneous interpretation of signals and therefore false alarms.

The operator is liable for any costs incurred for involving rescue services such as the fire brigade or police.

For this reason, read these instructions carefully and ensure that lines and components used are labelled precisely when the system is installed.

Power supply

- To prevent a fire risk or risk of electric shock, do not expose the alarm panel or the components to rain or other sources of moisture.
- Do not commission the device near bathtubs, swimming pools or areas where water is splashed around.
- Do not alter the device.
- Discontinue use of damaged devices or accessories.
- Using the device for purposes other than those described may damage this product and may also lead to hazards such as short circuits, fire or electric shock.

Note

Connection to the public electrical grid is subject to your country's specific regulations.

Please seek information on these regulations before connecting the product to the public grid.

- If the device is brought into a warm environment from a cold environment, condensation may form on the inside of the device. In this case, wait about an hour before commissioning the device.
- Disconnect the device from the power supply before carrying out maintenance or installation work.

Danger

Alterations or modifications to the device invalidate the guarantee.

Danger

The alarm panel is supplied power via an integrated power supply unit.

The power supply unitis connected to the building's 230 V AC grid via a separately secured line.

Connection to the building's grid is subject to the country's specific regulations.

The backup power supply is ensured through an internal battery.

Always replace fuses with fuses of the same type, never higher.

Note

Interference filter, noise filter, interference suppression filter

We recommend attaching a ferrite to the 230 V power supply line.

e.g. Ferrit Würth 742 711 32S or 742 715 3

This prevents any potential malfunction of the alarm panel should electromagnetic interferences occur that may be permissible in accordance with the EMC Directive, but which are nevertheless very strong.

Danger

Mount the device safely to a dry point in the building.

Ensure there is sufficient ventilation for the alarm panel.

Do not expose the alarm panel to temperatures below 0°C or higher than 50°C.

The alarm panel is designed for indoor use only.

The maximum humidity must not exceed 90% (non-condensing).

Ensure that no metal objects can be inserted into the alarm panel from the outside.

Disconnect the alarm panel from the power supply before any work is carried out on the device.

Battery warning notes

!!! Please read the following information very carefully!!!
Strictly observe the following! ABUS Security-Center GmbH & Co. KG is not liable for accidents caused by handling outside of these safety precautions.
Please read the user guide and handling safety instructions carefully before using the battery.

Incorrect handling of rechargeable lithium ion cells may result in leakage, high temperature, smoke, explosion or fire, and capacity may be reduced.

Caution **Caution** **Important**

It is strictly prohibited to:

- heat the battery or throw it into a fire.
- throw the battery into liquids such as water, petrol or drinks and make it wet.
- drop the battery
- use rechargeable batteries near a fire or in a car where the temperature may exceed 60°C. The battery should also not be charged or discharged under such conditions.
- place the batteries together with metal objects, such as necklaces, hairpins, coins or screws, in pockets or bags

  Do not store or transport the batteries with such objects.
- short circuit the (+) and (-) connections with other metals.
- pierce batteries with a sharp object such as a needle.
- disassemble or modify the battery
- weld or solder directly onto the battery
- place the battery in a microwave oven, dryer or high pressure container.
- use rechargeable batteries together with dry batteries or other primary batteries
- use new and old batteries together, use batteries from different batches, or use batteries of a different type or make
- reverse the polarity

Keep batteries out of the reach of children so that they are not accidentally swallowed.
Where younger children may be using the battery, their parent or guardian should explain how to use it properly.

Only charge the battery with a special charger in accordance with the product specification. Only charge the battery using the CC/CV method.

Finish charging the battery if charging is not completed within the specified time.

Stop using the cell if abnormal heat, odour, discolouration, deformation or abnormal condition is detected during use, charging or storage.

Do not place the battery in a device with (+) and (-) the wrong way round

If the battery is connected incorrectly, the battery will not charge. At the same time, the charge-discharge properties and the safety characteristics will be reduced. This can lead to product heating and leakage.

Do not use a battery with significant buckling or deformation.

Keep the battery away from fire immediately should leakage or an unpleasant odour be detected.
Should liquid get on your skin or clothing, wash it off immediately with fresh water.
If liquid leaking from the battery gets into your eyes, do not rub them. Wash thoroughly with clean cooking oil and seek medical attention immediately.

Batteries have life cycles. If the time for which the battery operates devices becomes much shorter than usual, the lifespan of the battery is at an end. Replace the battery with a new one of the same type.Replace the battery with another battery of the same type.
If the battery will not be used for an extended period of time, remove it from the device and store it in a location with low humidity and low temperature.
While the battery is being charged, used, or stored, keep it away from objects or materials with static charge.
If the battery terminals are dirty, wipe them with a dry cloth before using the battery.
Store the cells in the storage temperature range according to the specifications. After complete discharge, we recommend charging to 7.4 to 8.0 V without using it for a longer period of time.

Do **not** exceed the following temperature ranges:

	from	to
Charging temperature range	0 °C	45 °C

Discharging temperature range	-20 °C	60 °C
Storage for less than one month	-20 °C	60 °C
Storage for less than three months	-20 °C	45 °C
Storage for less than one year	-20 °C	25 °C

Keep the battery in a 50% state of charge during prolonged storage.
We recommend recharging the battery every 3 months after receipt of the battery up to 50% of the total capacity and keeping the voltage between 7.4 and 8.0 V. Store the battery in a cool, dry place.

Connections

Note

This device uses Safety Extra Low Voltage (SELV). The circuits of the zones, the circuits of the switch outputs and the 12 V power supply of the ABUS alarm control panels also operate in this voltage range.
SELV is a low electrical current that offers special protection against electric shocks based on its low level and insulation compared to higher voltage circuits.

The PSTN module contains a mix of connections related to alarm systems, along with telecommunications connections. The typical alarm system connections are designed for Safety Extra Low Voltage (SELV). The telecommunication connections are designed for the voltages of the telecommunications network (Telecommunications Network Voltage, TNV).

Important

It is extremely important that the two types of connections are kept separate. Always use a separate cable. Connect the respective connections with appropriate external connections (such as alarm system connections) or with appropriate telephone connections. TNV circuits should only be connected by a qualified person in accordance with local regulations.

Wireless operation

Note

No wireless licence is required for Secvest and its components.

The send/receive properties could be affected by other signals (e.g. DECT telephones).

The wireless devices in this system have been tested by an independently accredited laboratory for RED Directive 2014/53/EU or for R&TTE certification.

Mounting location of the alarm panel

Note

The alarm panel should be positioned in a safe place out of sight of possible intruders and easily accessible to the operator.

The alarm panel should be mounted on a flat surface in order to ensure that the back of the device cannot be tampered with when the alarm panel is mounted.

The alarm panel should be mounted at a convenient height (between 1.5 and 2 m).

Note
If small children are present, the alarm panel should be mounted out of their reach.

Note
Position the alarm panel so that signal tones can be heard even outside of the area being monitored.

The alarm panel should be positioned within a monitored zone so that an unauthorised person would have to enter a monitored area first before gaining access to the panel when it is armed.

The alarm panel should be mounted near a socket or power supply.

If the telephone dialler is used, the alarm panel must be connected to a telephone connection.

The alarm panel should be mounted at least 1 metre away from metal objects (e.g. mirrors or radiators).

Processing priority

Note
If several detectors are activated at the same time, the alarm control panel always processes panic zones (panic transmitters) and normal alarms (burglar alarms) first, followed by fire zones (smoke alarm devices) and then followed by all other zone types (alarm types)
The alarm control panel always processesalarms ahead of warnings (fault messages).

Packaging

Danger
Keep packaging material and small parts away from children.
There is a risk of suffocation!

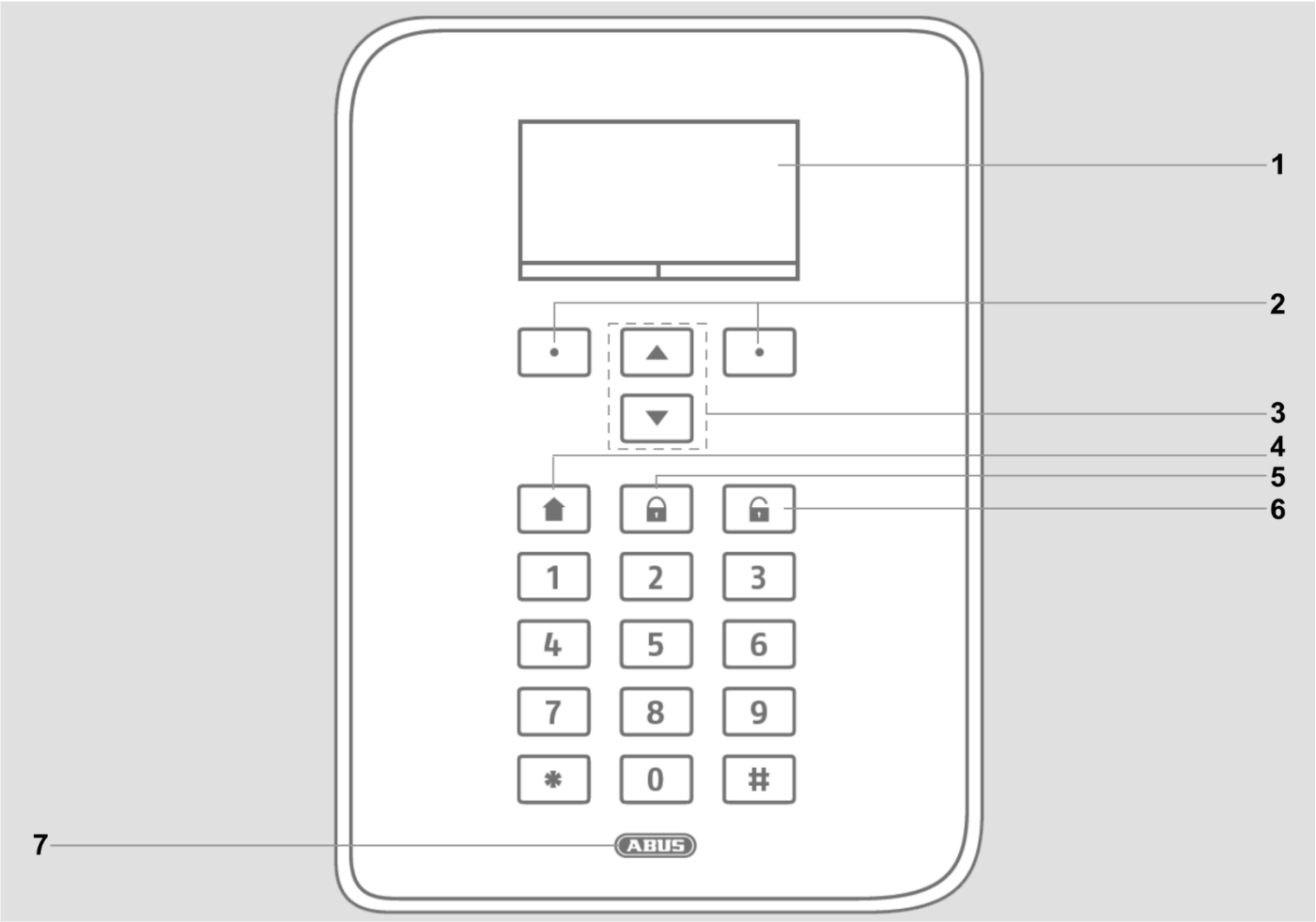
Remove all packaging material before using the device.

Scope of delivery

- 1x Secvest wireless alarm panel
- 1x battery
- Quick guide and safety instructions
- Installation material

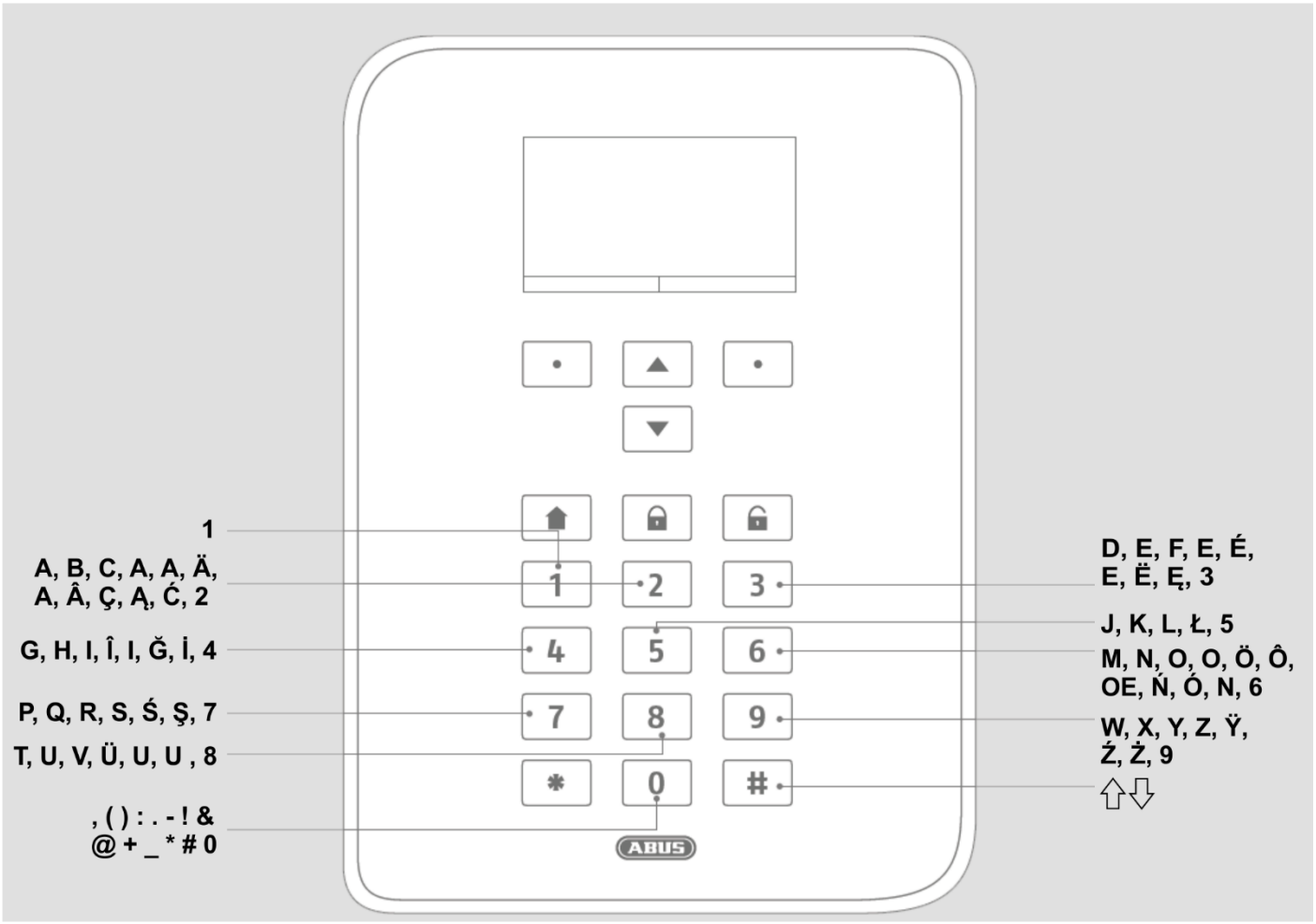
Device overview

Device front

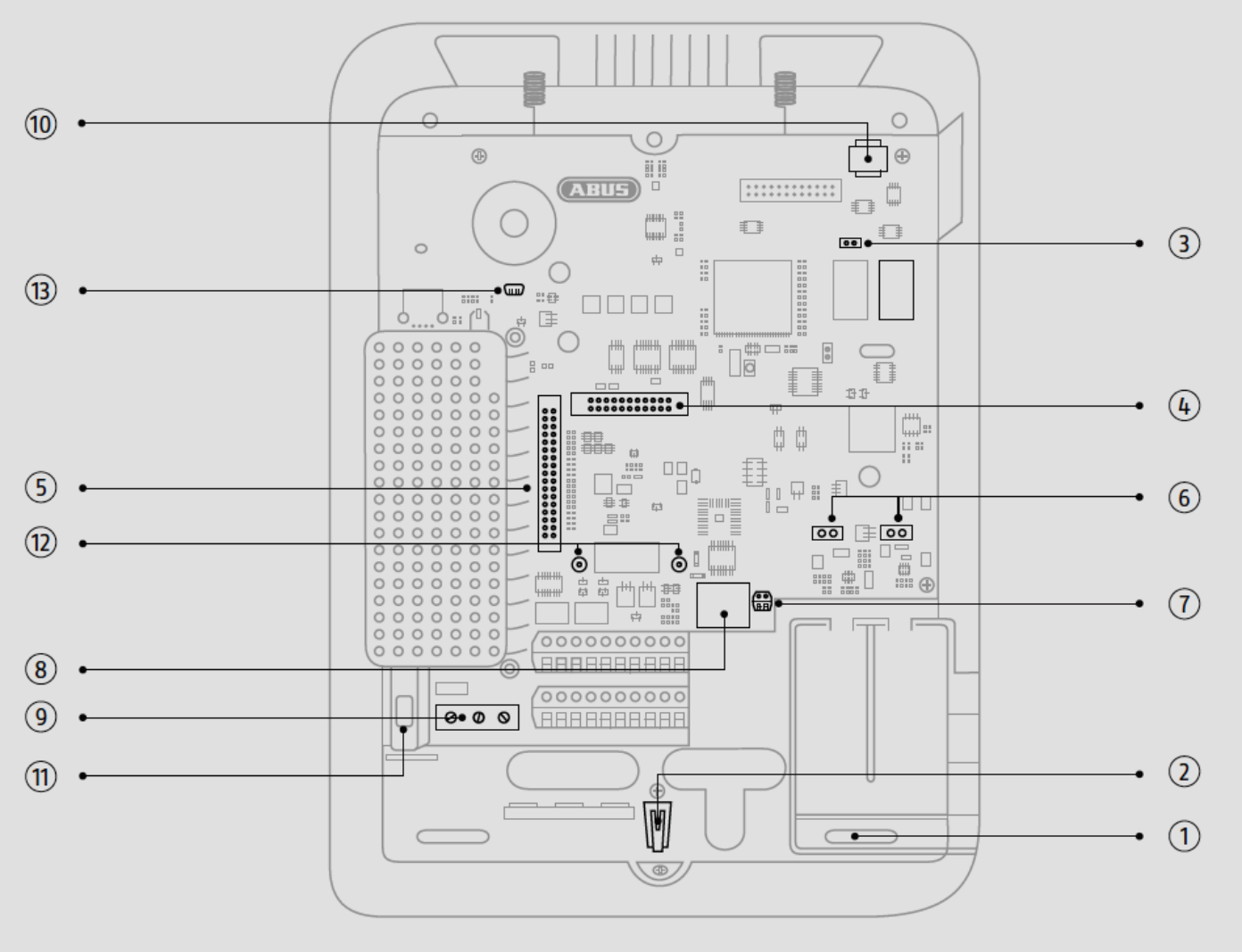


No.	Name/function	No.	Name/function
1	**Status display** Display of status and menus	5	**Arming button** Monitoring of all available areas is activated (device armed).
2	**Confirmation buttons** Used to navigate to a higher/lower menu level or to select options or to exit a menu	6	**Disarm button** Monitoring is deactivated (device disarmed).
3	**Navigation buttons** Used to navigate up/down	7	**Proximity reader** Reader for the proximity keyfob. Hold the keyfob in front of the ABUS logo.
4	**Internal arm button** Perimeter monitoring is activated (device armed internally).		

International key assignment



Device rear (mounting plate)



No.	Name/function	No.	Name/function
1	Mounting opening for screws	8	Connection for LAN cable
2	Housing tamper switch	9	Connection for mains voltage 110 V/230 V AC 50/60 Hz
3	Code reset PINs, see note below	10	Micro SD card holder
4	Connection for optional mobile wireless module	11	Fuse holder for mains fuse
5	Connection for ribbon cable	12	Holes for plastic holder for optional mobile wireless module
6	Connections for battery pack	13	USB mini-B
7	Analogue telephone connection		

Note

Code reset PINs

If user 1 and/or installer codes are no longer known, all user settings can be deleted.

All users, all proximity tags, all remote controls and all emergency buttons will be deleted. After the reset you will be prompted to enter a new installer code and a new administrator code.

1. If possible, go to installation mode.

Note:

If you cannot go into installation mode, the alarm panel will sound a tampering alarm when you open the housing.

2. Open the housing. Disconnect the entire power supply (mains voltage and batteries).

   Note:

   This procedure will not work if the tamper switch on the cover is closed.

3. Identify the reset code PIN on the motherboard (see illustration above).

4. Shortly close both of the reset code PINs. Use a screwdriver or jumper to do so. Leave the short circuit until step 6.

5. Reconnect the mains voltage. After a short pause, the system will start. The alarm panel will now delete all user information and will start with the reallocation of your new installer code and administrator code (like in the start wizard).

6. Remove the short circuit on the reset code PINs.

7. Reconnect the battery.

8. Close the alarm panel cover and therefore also the tamper switch.

Introduction

Terms and definitions

2G

Mobile wireless second generation standard, see GSM

3G

Mobile wireless third generation standard, see UMTS

4G

Mobile wireless fourth generation standard, see LTE

AES

Alarm receiving centre, for details see EN 50518-1/2/3, EN 50136 and VdS 2471, see also ESCC

Active intrusion protection

Even an attempt to break in is reported. This can be done using alarm components that not only combine state-of-the-art wireless technology with effective mechanical intrusion protection (mechatronic detectors), but also monitor attempts to open a door or window using a lever via innovative magnetic field sensors.

Arming, disarming

"Activation" of the alarm panel – the panel triggers an alarm if an intrusion is detected (e.g. a door is opened); "deactivation" of the alarm panel – the panel does not trigger an alarm if an intrusion occurs. Danger detectors are programmed differently: if smoke is detected, for example, an alarm is triggered even if the alarm panel is disarmed.

Alarm system

Common term for a burglar alarm system or danger alarm system.

Alarm type

Alarm systems may have the following alarm types: internal, local, external or silent.

Sounder

Device that sends an alarm message acoustically (siren) or visually (strobe). Even diallers are sounders.

Alarm sensor

Device that sends a message to the alarm panel when a certain event occurs (e.g. movement, glass breakage, vibrations).

Alarm panel

The switching panel of the entire alarm system, which processes all information, forwards it and responds as necessary.

Alarm zone

A detector (wireless) or detector group (wired) is monitored via each zone and can be programmed separately.

APN

Access Point Name

also “access point”, is the name of the gateway between a backbone of a mobile wireless network (e.g. GPRS, 3G or 4G) and an external packet-based data network, usually the public internet.

ATS

Alarm transmission system

Perimeter protection

All points of access to the premises are monitored, including house doors, terrace doors, cellar doors, skylights and all windows. Usually magnetic contacts, glass breakage detectors and wireless window/door locks are used. The building's occupants can still move around freely within the building when the alarm system is armed internally.

Outdoor siren

Sounder for outdoor use, usually designed as a combination sounder (siren + strobe).

End of line (EOL)

End point of the line system, end point of access to telephone network.

The line end point or "building distribution for telephone lines" is the end of the distribution cable for the consumer connection line within the telephone network.

User

Different users of the alarm system (e.g. owners, tenants) can be assigned separate rights and user codes.

User guidance

Electronically guided help for operating the alarm panel.

Motion detectors

Detector used to identify people by thermal movement (PIR), ultrasound (US) or microwave/radar (MW).

Bidirectional 2-way wireless (2WAY)

Unidirectional: arm components (e.g. simple remote control) and control modules only transmit commands to the alarm panel. Bidirectional: components can both receive the feedback from the alarm panel and evaluate it (e.g. via LED displays).

BS8243

British standard BS8243 describes a set of methods for reducing false alarms generated by intruder and hold up alarm systems.

CC/CV battery charging method

The IU charging method, also known as CCCV for constant current constant voltage, combines the constant current charging method with the constant voltage charging method. In the first phase of charging, a constant current that is limited by the charger is used for charging. Compared to the standard constant voltage charging method, this limits the otherwise high initial charging current. When the battery's selected cut-off voltage is reached, the system switches from current to voltage regulation and continues charging at a constant voltage during the second charging phase, with the charging current automatically decreasing as the level of the battery's charge increases. As a criteria for terminating the charge, it is possible to define a minimum charge current for lithium-ion batteries.

Chip key/proximity keyfob

Electronic "key" for quick access to the building without code entry.

CLIP

Calling Line Identification Presentation

Coding of wireless signals

Ensures secure transmission of signals without manipulation or tampering between the alarm panel and its components.

Contact ID, CID

Protocol for transmitting data to an ARC/ESCC.

DD243

British requirement for sequential alarm confirmation.

DHCP

The Dynamic Host Configuration Protocol (DHCP) is a communications protocol in computer technology. It facilitates the assignment of the network configuration to clients through a server.

DHCP makes it possible to automatically integrate a computer into an existing network without having to configure it manually. The client usually only has to be set to obtain the IP address automatically. When the computer starts on the network, it is automatically assigned an IP address, subnet mask, gateway and DNS server by the DHCP server. Without DHCP some additional settings are required depending on the network to which the computer is connecting.

Display

Display field on the alarm panel for operating and configuring the panel.

DNS

The Domain Name System (DNS) is one of the most important services in many IP-based networks. Its main task is to respond to name conversion requests.

The DNS works like a telephone directory enquiries centre. The user knows the domain (the "friendly" computer name on the IP network), such as "example.org". The user sends this domain as the query. The URL is then converted by the DNS into the associated IP address (the "connection number" on the IP network), e.g. an IPv4 address in form 192.168.2.21 and directs it to the correct computer.

Double end of line (DEOL)

Wiring version for wired alarm systems; wired zones also take on this configuration.

Wired detector, wired detectors

Alarm and danger detectors that are connected via wire to the alarm panel.

Wired zone, wired alarm zone

Alarm zone monitored via one or more wired detectors (usually switched in series).

GDPR

General Data Protection Regulation

DTMF

Dual Tone Multi-Frequency

Dual tone multi-frequency

The multi-frequency dialling method is commonly used by analogue telephone systems.

Is used with monitoring station protocols FF, CID, Scancom and Scanfast.

Intruder alarm system, burglar alarm system

Alarm system that detects an intrusion and triggers an alarm.

Individual identification of detectors

Makes it possible to determine exactly which detector has triggered (see also wireless alarm zone).

EN 50131

European standards series for alarm systems, "Intrusion and hold up systems"

Shock detector

This detector identifies vibrations that occur when an attempt to break in is made.

Ethernet/LAN

Ethernet is a technology for local data networks (LAN), that specifies software (protocols etc.) and hardware (cable, distributor, network cards etc.) for wired data networks.

External alarm

(Alarm type)

Alarm to which all sounders (internal and external) respond when triggered. An alarm receiving centre is also notified of the event.

Fast Format, FF

Protocol for transmitting data to an ARC/ESCC. DTMF-based

Remote access/remote configuration

Servicing/configuration of the alarm panel from outside of the monitored premises (e.g. via the internet)

FSK

Frequency Shift Keying, is used with SIA monitoring station protocol.

Wireless alarm system

Alarm system with detectors that are connected to the alarm panel wirelessly (quick and easy installation, high flexibility).

Wireless alarm zone, wireless zone

Zone of the wireless alarm panel that is used to identify and monitor every individual wireless detector

Wireless control panel

For convenient arming/disarming of the alarm panel, e.g. in another room (in entrance area etc.) The status can be queried if a bidirectional wireless control device is used.

Wireless window lock/wireless door lock

Combination of mechanical lock and electronic detector. Pry-attempt monitoring is also possible. i.e. even attempts to break in are detected.

Wireless remote control

For convenient arming/disarming of the alarm panel, status query, emergency alarm, etc. regardless of the user's location.

Wireless detector

Alarm and danger detectors that are connected wirelessly to the alarm panel.

Wireless key switches

For convenient arming/disarming of the alarm panel without entering a code (using a key).

Wireless range

The max. distance between the alarm panel and wireless detector varies depending on the properties of the building.

Glass breakage detectors

These detectors respond to breaking glass. There are passive, active and acoustic glass break detectors.

Danger alarm system

Alarm system that triggers an alarm for additional dangers/emergencies as well as intrusion.

Protected outdoor area

Area outside of the buildings that is protected from heavy rain (e.g. a covered entrance area or terrace).

GMT

Greenwich **M**ean **T**ime is the mean solar time on the prime meridian. The expression Greenwich Mean Time (GMT) is still used today to refer to "Western European Time" (WET, UTC+0). The designation "GMT", sometimes used in time stamps in internet protocols, always refers to UTC. The majority of electronic devices with time and date also continue to use the term GMT. When setting the correct time zone for the user location, the input/selection is often made by entering the number of hours by which the local time is ahead of (+) or behind (-) the standard time (GMT or UTC).

Example, Germany:

Winter time: UTC/GMT +1

Summer time: UTC/GMT +2

GPRS

General Packet Radio Service**, shortened to** GPRS**, is the term used to refer to the packet-based services for transferring data in GSMnetworks.**

GSM

Global System for Mobile Communications (previously Groupe Spéciale Mobile), a standard for fully digital wireless mobile networks, mainly used for telephony but also for line and packet-based data transmission and short text messages (SMS).

Strictly speaking this is the technologies of the second generation.

However, it is also used as a generic term for all the generations, 2G=GSM, 3G=UMTS, 4G=LTE.

GSM CME CMS Error Codes

CME Error codes
: GSM Equipment related codes

CMS Error codes
: GSM Network related codes

GUI

Graphical use interface, the display on the alarm panel used to program and operate the alarm panel via menu keys

H/M

Hybrid Module, HyMo, wireless additional module for the Secvest with wired zones and wired outputs.

HTTPS

HyperText Transfer Protocol Secure, a communications protocol on the web, used to transfer data securely.

HTTPS is used online to establish confidentiality and integrity in communications between web server and web browsers (clients). This is achieved through encryption and authentication.

Without encryption, data transmitted over the internet can be read as plain text by anyone who has access to the corresponding network.

HyMo

Hybrid Module, H/M, wireless additional module for the Secvest with wired zones and wired outputs.

IAD

An **Integrated Access Device** (or router) is a device used for the network connection of NGN ports by the participant.

ICMP

The **Internet Control Message Protocol** is used in computer networks to exchange information and error messages via the Internet protocol.

ICMP Ping.

Ping sends an "Echo request" package (Ping) to the target address of the host to be checked. If the recipient supports the protocol, they must send a response according to the protocol specification: ICMP "Echo reply" (Pong). If the target computer is not accessible, the corresponding router will respond: "Network unreachable" or "Host unreachable".

IMEI

International Mobile Station Equipment Identity (IMEI), a unique 15-digit serial number that can be used to uniquely identify each wireless mobile end device.

IMSI

International Mobile Subscriber Identity (IMSI), used in wireless mobile networks to uniquely identify network subscribers (internal subscriber identification). In addition to other data, the IMSI is saved on a special chip card known as a SIM (Subscriber Identity Module). The IMSI number is uniquely assigned worldwide to each customer by the wireless mobile network operators. The IMSI has nothing to do with the telephone number assigned to the SIM card.

Indoor sounder

Signal generator for indoor use, visual/acoustic sounder (in addition to outdoor sirens)

Indoor siren

Sounder for indoor use, usually a purely acoustic sounder (in addition to outdoor sirens).

Interior protection

The indoor area of the premises is protected here, especially areas that an intruder most likely has to enter; motion detectors and light barriers are usually used here.

Installation

Mounting of the alarm panel and components, including commissioning.

Internal alarm

Alarm sounds only within the building. The outdoor sirens do not sound.

Intuitive operation

Easy operation of a device using a menu that is logical from the point of view of the user.

IP

Internet Protocol, a network protocol widely used in computer networks.

IP mobile

Synonym for 4G (LTE) and 2G (GPRS) IP-based transmission

Jamming

Interference that makes normal reception of wireless emissions of electromagnetic waves difficult or impossible. The source of interference sends out energy in the form of electromagnetic waves, just like the instruments affected by the interference, which overlap the original waves either partially or completely.

Combination sounder

Combined sounder, e.g. siren (acoustic signal) + strobe (visual signal).

Communication options

Used to transmit alarm notifications using additional paths, e.g. wirelessly (wireless mobile module) for voice/text messages or digital protocols.

Components

See system components

LAN / Ethernet

see Ethernet/LAN

Receiving centre

See ARC

Level 1-4

See access level 1-4

Line

Another term for zone, mainly used in wired areas.

Local alarm

(Alarm type)

If this alarm is triggered the sounders indoors and outdoors sound (outdoors the acoustic alarm (siren) must stop after 3 minutes if in Germany, but the visual alarm (strobe) can remain on).

LTE

Long Term Evolution (**LTE** for short, also **3.9G**) is the name given to the third generation wireless mobile standard. An extension is called *LTE-Advanced,* or 4G, it is backwards compatible with LTE in the Next Generation Mobile Networks (NGMN) project. For marketing reasons, LTE is already advertised as 4G and LTE-Advanced as 4G+, which, technically speaking, is not correct.

With up to 300 megabits per second, depending on the reception status, significantly higher download speeds are possible than with older standards.

For this, LTE wireless mobile providers exclusively use the UHF frequency band (also known as the decimetre waveband) for their frequency range. Within this, several frequencies are used, varying regionally in the central to upper UFH range from approx. 700 to 2600 Megahertz.

The basic schema of the Universal Mobile Telecommunications Systems (UMTS, 3G) is retained for LTE (3.9G). This allows for quick, cost-efficient retrofitting of the UMTS technology infrastructures, e.g. to LTE-Advanced (4G).

MAC

The MAC address (Media Access Control, Ethernet ID) is the hardware address of every single network adaptor, used to uniquely identify the device in the network.

Medical emergency

Personal medical emergency, for which help can be arranged using an alarm.

Mobile

Synonym for the following transmissions in the wireless mobile network:

- Voice calls with a telephone number, e.g. +49 173 1234567
- ARC reporting classic DTMF or FSK based, such as FF, CID, SIA, Scancom, Scanfast, Tunstall
- SMS transmission

N/A

Only enabled, a user or zone type that can be used only to activate the system.

NC

Normally Closed; contact or switch that opens when actuated

NO

Normally Open; contact or switch that closes when actuated

Alarm and relay command centre

See ARC

ARC

Receiving centre; in an alarm receiving centre, messages collected in connected subscriber zones, e.g. from danger alarm systems or building technical equipment, are transmitted, received, documented and processed, and intervention is provided, via the power supply of the network operator (leased lines), the public telephone network, Datex-P/X.25/X.31, IP, GSM, ISDN, or in Switzerland, via TUS (Alarmnet). Receiving centre from private security service providers also control call for intervention services (police/fire brigade).

NTP

Network Time Protocol

The Network Time Protocol (NTP) is a standard for synchronizing clocks in computer systems via packet-based communication networks. NTP uses the UDP connection free transport protocol, which was specially developed to facilitate reliable time setting across networks with variable packet run times.

Generally, references to NTP refer to both the protocol and its software reference implementation. The SNTP (Simple Network Time Protocol) represents a simpler form of the NTP.

O/C

Open Circuit

Opening detector

A detector that identifies when a window, door, shutter, garage door, etc. is opened.

Perimeter surveillance

Continuous monitoring of large areas of open land around the periphery or the areas used for approaching the property, e.g. using light barriers and motion detectors on the premises and/or surveillance cameras with intelligent motion detection.

Port

Part of a network address.

Programming

Detailed settings for the alarm panel according to the user's requirements (e.g. zones/partitions can be defined).

PSTN

Public Switched Telephone Network, analogue, a/b

Smoke alarm device

Optical smoke alarm devices save lives, as they respond to smoke particles in the air (usually poisonous gases). Heat detectors/heat difference detectors respond to a maximum temperature (e.g. 65°C) or a rapid increase in temperature.

Relay outputs

Switching outputs for external devices (lighting control, electric shutters, other sounders, etc.)

Rolling Code (RC)

Rolling code is a technology which provides optimum protection against code scanning and code grabbing in order to prevent unauthorised access.

Router

See IAD

RSSI

The **Received Signal Strength Indicator** is an indicator of the signal strength of wireless communication applications.

S/C

Short Circuit

Tampering, tampering protection, sabotage

So that the alarm panel and its components cannot be tampered with, each component is monitored for tampering. Opening a detector and disconnecting cables ALWAYS triggers an alarm. The components are usually protected by a cover contact (alarm when detector is opened) and an anti-removal wall contact.

Scancom

A social care alarm protocol.

Scancom is the same as Scanfast, except for channel 8. Channel 8 in this case is used to establish a 2-way voice connection between the alarm panel and the alarm receiving centre.

Scanfast

A social care alarm protocol

Scanfest is the same as Fast Format, except that in this case only channel 2 (social care alarm) and channel 3 (inactivity) are used. Channels 1, 4, 5, 6, 7, 8 are always "5" (unused).

Arming, disarming

Activating/deactivating the alarm panel.

Arm components

Devices that can be used to arm/disarm the alarm panel (e.g. remote control, key switch, control device).

SD card, micro SD card

Micro SD storage card for saving:

- Application software in the INSTALL folder
- Language files in the INSTALL folder
- Images from the TVIP41550 in the IMG_X folder
- Configuration of the alarm panel when backing up via the GUI in the CONFIG folder
- Traces in the TRACE folder

A circular buffer function is integrated for images, etc. The alarm panel checks whether the storage is full or not every minute.
If the SD card is full, the oldest recordings will be automatically deleted. However, you will still receive the error message “SD card full”. In order to confirm this error message, data must be manually deleted from the SD card.

Danger
Data protection

Follow the SD card instructions in the "Decommissioning the alarm panel" chapter.

Security frequency band(868 MHz)

This frequency range is approved by the authorities for the security field. Signals from wireless earphones, mobile phones, garage door openers, etc. cannot interfere with devices operating in these ranges.

Europe: frequency use specification of the European Conference of Postal and Telecommunications Administrations (CEPT)

Germany: Bundesnetzagentur (BNetzA) – Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway

Austria: the frequency use plan is published by the Federal Ministry for Traffic, Innovation and Technology

Switzerland: the frequency use plan is set out in the Swiss National Frequency Assignment Plan (NaFZ) and published by the Federal Office of Communications

Seismic sensor

See shock detector.

SELV

Safety Extra Low Voltage.

Server

A program that waits for contact from a client in order to perform a certain service.

SHA

SHA-2 (secure hash algorithm) is the general term for the four cryptological hash functions, SHA-224, **SHA-256**, SHA-384 and SHA-512, which were standardised in 2001 by the American NIST as a successor to SHA-1.

SIA

Protocol for transmitting data to an ARC/ESCC.

SIA-IP (DC-09)

An IP-based protocol for transmitting data (e.g. FF, SIA or CID) to an ARC.

SG

Sounder, sound generator, siren

Sounder

Sounder that triggers an alarm when it receives a corresponding command from the alarm panel (siren, strobe, etc.)

SIM

Subscriber Identity Module, a chip card for mobile telephones

SMS

Short Message Service, text message; a telecommunications service for transmitting text messages, first developed for GSM wireless mobile networks and now available on landlines as well.

SMSC

Short Message Service Centre

F-SMSC = SMSC for landlines

SMTP, SMTP server

Simple Mail Transfer Protocol

An internet protocol used to exchange email in computer networks.

It is mainly used to send and forward email. Other specialised protocols such as POP3 or IMAP are used to retrieve messages.

SMTP servers use conventional connections to port 25 ("smtp"). Newer servers also use port 587 in order to receive mail for authenticated users that must be sent to other mail servers ("submission").

SNTP

Simple Network Time Protocol

The Network Time Protocol (NTP) is a standard for synchronizing clocks in computer systems via packet-based communication networks. NTP uses the UDP connection free transport protocol, which was specially developed to facilitate reliable time setting across networks with variable packet run times.

Generally, references to NTP refer to both the protocol and its software reference implementation. The SNTP (Simple Network Time Protocol) represents a simpler form of the NTP.

Voice dialler

Component in the alarm panel for transmitting voice messages. The alarm information is transmitted in plain text. The text to be transmitted is recorded using a microphone on the alarm panel.

SSL

Secure Sockets Layer, a network protocol for the secure transmission of data.

Transport Layer Security (TLS), widely known under its previous designation, Secure Sockets Layer (SSL), is a hybrid encryption protocol for secure data transmission on the internet. Since version 3.0, the SSL protocol has been further developed and standardised under the new name TLS, where version 1.0 of TLS corresponds to version 3.1 of SSL.

TLS encryption is mainly used today with HTTPS. Most web servers support TLS 1.0, and many also support SSLv2 and SSLv3 with a number of encryption methods.

Status

Alarm panel status: armed, internally armed or disarmed.

Status feedback

Feedback from the alarm panel to a module (arming device, info module, etc.) about its current status.

Status query

Query sent to the alarm panel about the system status (e.g. by pressing the button on the wireless remote control).

Silent alarm

(Alarm type)

This alarm does not trigger any sounders (indoors and outdoors remains quiet and calm), but a monitoring station is discreetly notified (intruder is not scared off, rather caught in the act, aggressive intruders are not provoked, etc.)

Supervision

The alarm panel monitors whether detectors are present and active. The components report approx. every 4 min. The alarm panel responds if it fails to receive status messages over a longer period of time.

TAE

The Telekommunikations-Anschluss-Einheit (telecommunications connection unit) is a type of connector used in Germany for telephone connections.

It is used as a connection to the public telephone network or as an a/b interface for analogue telephone connections to additional devices.

Sabotage

See "Tampering"

TAP

Telocator Alphanumeric Protocol, a transmission protocol for SMS messages

Technical damage

For example, water damage or escaped gas (protection against these things is only provided by special danger detectors).

Partitions

An alarm system can be divided into partitions (partitions), each of which functions separately as an individual alarm system.

Each partition (e.g. apartment, workshop) can be operated and configured separately and can contain any number of zones/detectors.

Telephone dialler

Device used to send alarm messages from a alarm panel by telephone line. Telephone diallers can be integrated in alarm panels or added as additional components.

TNV

Telecommunications Network Voltage

Tunstall

A social care alarm protocol

Overlapping signal

See jamming.

TE

Transmission equipment according to EN 50136

UCP

Universal Computer Protocol

UMTS

The **Universal Mobile Telecommunications System**(**UMTS**) is a wireless mobile standard of the third generation (3G), with significantly higher data transfer speeds possible (up to 42 Mbit/s with HSPA+, otherwise max. 384 kbit/s) than with the wireless mobile standard of the second generation (2G), the GSM standard (up to 220 kbit/s with EDGE, otherwise max. 55 kbit/s with GPRS).

UTC

Universal **T**ime **C**oordinated is the currently applicable world reference time (also known as GMT).

VdS

Verband der Schadensversicherer (German Association of Insurers against Loss or Damage); defines guidelines for different safety and security levels.

VDS-A for the non-commercial sector

VDS-Home for home risk management systems

VDS-B for the commercial sector

VDS-C for banks and jewellers (high-risk commercial entities)

WAN

A wide area network is a computer network which, in contrast to a LAN, stretches over a very wide geographical area. It is a popular science synonym for Internet.

Flood detector

For detecting water damage and flooding, consisting of a basic device and water sensor. The sensor is always mounted at a point where flooding would first start to incur water damage.

WBI

Web interface, means access to the web server of the alarm panel via a web browser

Certifications

Inspection seal from an independent body that ensures the high quality and safety of alarm systems (in Germany the following are relevant: certification as per POS in accordance with accident prevention regulations and VdS loss prevention)

Zone

Another term for a line. Describes a closed circuit to which alarm or tamper contacts are connected, which are then connected to the alarm panel. With wireless zones usually one zone is used per detector.

Access level 1–4

Access level 1-4, also known as level 1-4,
In accordance with
EN50131-1 Section 8.3.1
EN50131-3 Section 8.3.1
EN50136-2 Section 5.2
EN50136-3 Section 6.2

Access level 1
: Access for all

Access level 2
: User access, e.g. via a controller

Access level 3
: User access, e.g. via personnel from a security company

Access level 4
: User access, e.g. via the device manufacturer

Note:
In the event of changing operating software, access level 4 is applied, without activating a tampering device on the alarm control panel or the additional operating device.

Force Set

Zones with this attribute, if opened, are automatically omitted when the alarm system or a partition is armed.

Alarm panel error and tamper monitoring

The alarm panel continually monitors error and tamper states. The following is monitored:

- Tamper contact:
  The alarm panel's tamper contact is continually monitored.
- Supervision
  The alarm panel continually monitors supervision messages from the components to the alarm panel.
- Signal jamming:
  The alarm panel monitors attempts to jam the wireless signal and monitors attempts to jam the wireless signal of selected components**.** If jamming is detected there, the message "Signal jamming" is sent to the alarm panel.
- Zone connections
- Communication connections
- Supply voltage:
  The alarm panel monitors the supply voltage under load conditions and registers faults.
- Load on the voltage outputs.

Time conditions

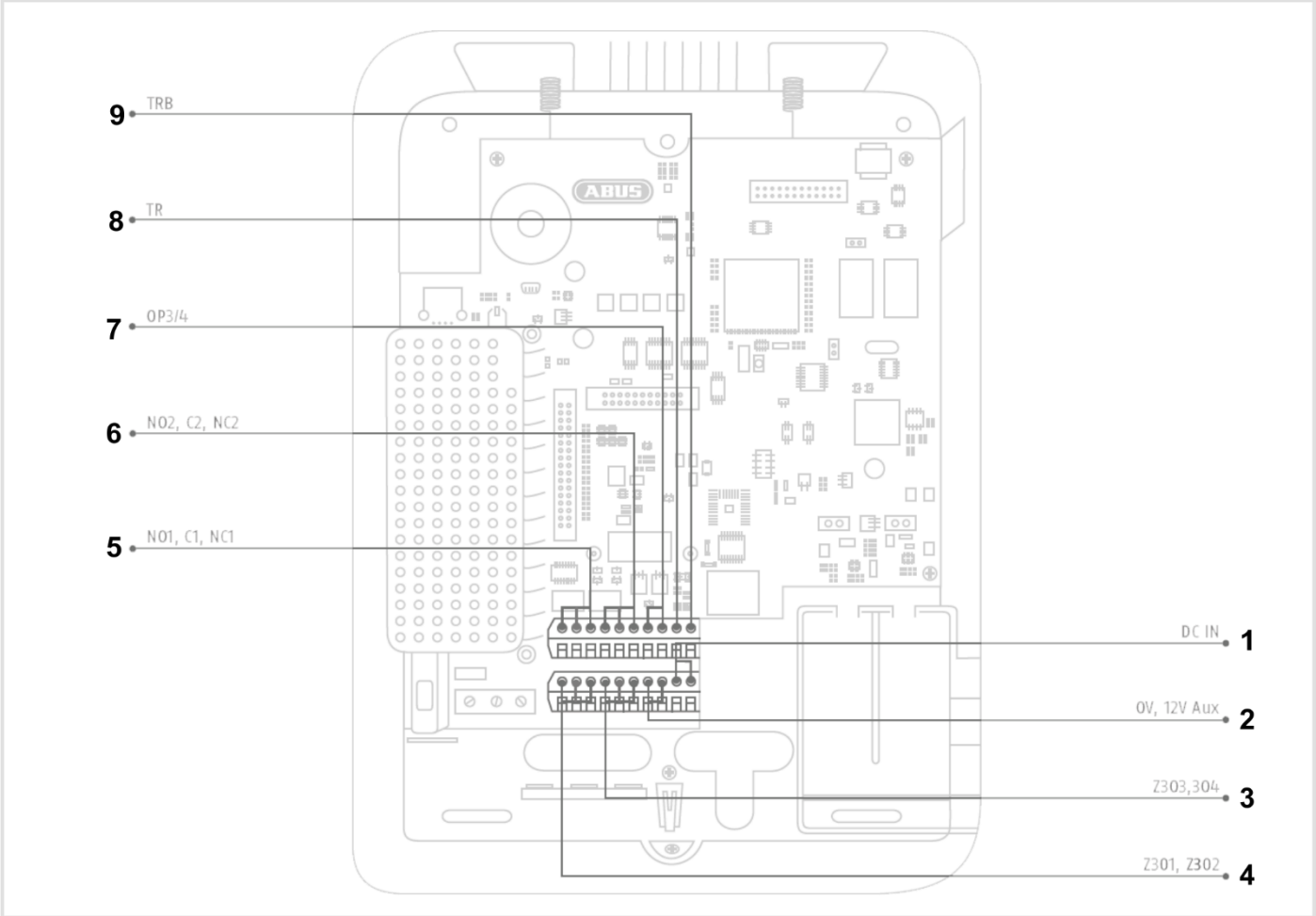
The alarm panel was designed so that changes to the zone statuses are detected if they last at least 400 ms (EN50131-1 Chapter 8.9.1 and EN50131-3 Chapter 8.9 and Annex B).

Breaking and entering, intrusion and tampering signals must last at least 400 ms.

The alarm panel was designed so that changes to the fault status (fault signals) are detected if they last at least 10 s (EN50131-1 Chapter 8.9.1 and EN50131-3 Chapter 8.9 and Annex B).

Mounting/Installation

Connection overview, terminal block



No.	Name/function	No.	Name/function
1	**DC IN 13.8 V +:** Connection for voltage supply 13.8 V	6	**NO2, C2, NC2 – relay output 2:** potential-free relay contact, 30 V DC, 24 V AC rms, 500 mA
2	**0 V, 12 V aux:** voltage output 13.8 V **Note** This output is **not** buffered by the battery in case of power failure. The output voltage during a power failure is directly 0 V.	7	**OP3/4 – transistor outputs:** for a wired siren, strobe and audio alarm signalling device Open drain transistor output 500 mA 13.8 V DC **Note** These outputs will drop to 0 V during power failures.
3	**Z303, Z304:** Wired zones 303 and 304	8	**TR – tamper return:** Tamper input for the tamper output of a wired sounder **Note** In the default settings, a jumper is connected to 0 V. This means there is no fault indication (tamper) if no wired sounder is connected.

4	**Z301, Z302:** wired zones 301 and 302	**9**	**TRB – trouble:** Fault indication input for the fault output of a wired sounder **Note** In the default settings, a jumper is connected to 0 V. This means there is no fault indication (fault) if no wired sounder is connected.
5	**NO1, C1, NC1 – relay output 1:** potential-free relay contact, 24 V AC rms/500 mA		

Fixing the mounting plate to the wall

Positioning the wireless alarm system (alarm panel)

Note

The alarm panel should be positioned in a safe place out of sight of possible intruders and easily accessible to the operator.

The alarm panel should be mounted on a flat surface in order to ensure that the back of the device cannot be tampered with when the alarm panel is mounted.

The alarm panel should be mounted at a convenient height (between 1.5 and 2 m).

Note

If small children are present, the alarm panel should be mounted out of their reach.

Note

Position the alarm panel so that signal tones can be heard even outside of the area being monitored.

The alarm panel should be positioned within a monitored zone so that an unauthorised person would have to enter a monitored area first before gaining access to the panel when it is armed.

The alarm panel should be mounted near a socket or power supply.

If a telephone dialler is used, the alarm panel must be connected to a telephone connection.

The alarm panel should be mounted at least 1 metre away from metal objects (e.g. mirrors or radiators).

Fixing the mounting plate

Danger

The alarm panel is supplied power via an integrated power supply unit.

The power supply unitis connected to the building's 230 V AC grid via a separately secured line.

Connection to the building's grid is subject to the country's specific regulations.

Ensure that the supply line is disconnected from the power and secured against being reconnected.

Note

We recommend attaching a ferrite to the 230 V power supply line.

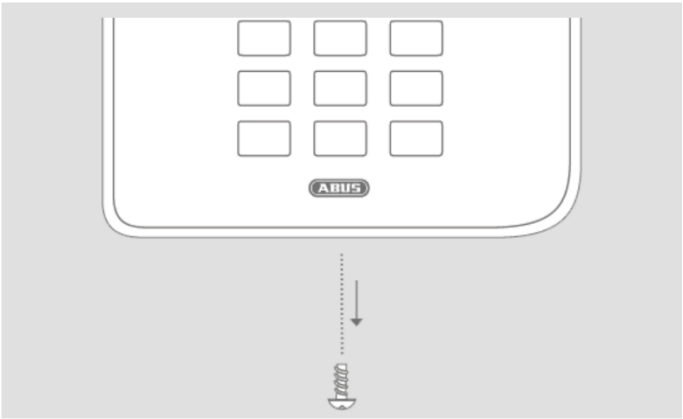
e.g. Ferrit Würth 742 711 32S or 742 715 3

This prevents any potential malfunction of the alarm panel should electromagnetic interferences occur that may be permissible in accordance with the EMC Directive, but which are nevertheless very strong.

Danger

Ensure that there are no lines in the wall of the selected mounting location.

1. Drill the mounting holes into the wall using the drilling template in the quick start guide.
2. Unscrew the screw on the bottom of the housing.



3. Carefully open the housing.
4. Carefully pull the ribbon cable connector out of the terminal block on the PCB.
5. Separate the top part of the housing from the bottom part.

Note

During mounting ensure that the housing tamper switch (1) definitely has contact with the wall.

Ensure that the bottom part and the integrated components are not damaged when the screws are tightened and that all screws are screwed in completely.

6. Mount the bottom part of the housing to the wall.
7. Connect the mains connection properly while it is disconnected from the power supply.
8. Install the strain relief clamp.
9. Connect the network cable to the socket on the PCB.
10. Place the battery (or batteries) in the battery compartment.

Connecting the components

On alarm panels in general

Incorrect or unclean installation work may lead to erroneous interpretation of signals and therefore false alarms.

The costs incurred by potential dispatches of rescue services, such as the fire service or police, must be borne by the operator of the system. For this reason, read these instructions carefully and ensure that lines and components used are labelled precisely when the system is installed.

11. Connect all components to the terminal blocks.
12. Ensure that all connections are securely fitted.

Important note:

When connecting components with a separate external power supply, equipotential bonding connections must be used for all earthing, 0-volt or minus terminals. This provides defined signal levels on the connecting wires between the components.

Important note:

In a security system, tamper monitoring is also important and/or necessary for the wiring between the components.

Important note:

Place cables in such a way that none are crushed.

Important note:

In the default settings, a jumper is connected between the TR (tamper return) connection and 0 V as well as the TRB (trouble) connection and 0 V. This means there is no fault indication (tamper/fault) if no wired sounder is connected.

Important note:

Please note that bare wire ends must not come into contact with conducting surfaces or contacts on the PCBs.

Therefore, insulate all unused stripped wire ends as required.

Installing an optional wireless mobile module

If available:

Plug the wireless mobile module into the terminal block (CON 7 GSM/GPRS) on the PCB. Ensure that no electronic components are damaged or touched if possible. (See also the installation instructions for the respective wireless mobile module.)

Installing the micro SD card

1. Insert the SD card into the SD card holder on the PCB if it is not already inserted.
2. Ensure that the SD card is correctly inserted into the card holder.

Final steps

1. Check all connections to ensure they are correct and fitted properly, in order to prevent false alarms.
2. Connect the ribbon cable connector on the top of the device to the terminal block (CON 2) on the PCB.

The control panel software automatically detects what type of upper part the housing has: touch front or key front.

When switching on, the software checks which front is installed.

That means that the user interface and several functions change in order to support either the Secvest touch front of the Secvest keypad front.

If the software identifies a touch front, it will change to the Secvest touch operation. Otherwise, the software supports Secvest key operation.

Note:

For details, see the user guide section 10.5.1 “Functions”

3. Connect the connecting cable connector of the battery (or batteries) into the connector (BATT1 CON 8, BATT2 CON 9) on the PCB.

Once the battery is connected, the system will start.

Turn on the main power supply.

Either plug the external power supply unit into the socket or turn on the circuit that provides the Secvest with 230V.

Tip:

By removing and reinserting the 230V main fuse within the Secvest, you can initiate an on/off of the 230V power supply.

4. Carefully close the housing by first hooking the clip at the top and then pressing the housing into the snap points, working downwards.
5. Close the housing with the screw on the bottom of the device.

Changing the upper part of the housing, touch front, keypad front

Proceed in the following order:

- **Upgrade** the alarm panel software to the newest version (Secvest touch support, S/W >= 2.01.08).
- **Disconnect** the alarm panel completely from the power supply, battery (or batteries) and external power supply.
- **Exchange** the front.
- **Connect** the alarm panel completely to the power supply, battery (or batteries) and external power supply once again.

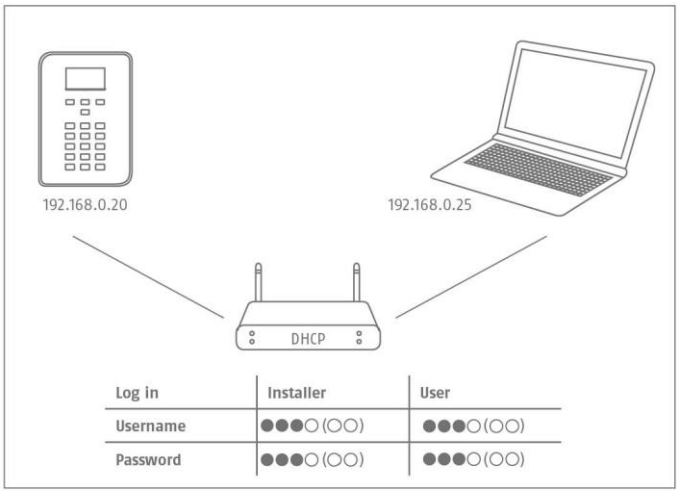
Otherwise, failures in the touch sensitivity of the touch keys and the proximity functionality may occur.

Commissioning

Initial commissioning/factory reset

Note
The wireless alarm system **cannot** be accessed via the web server without running the installation/start wizard.

1. Connect your PC to your customer's network.



2. Switch on the power supply.
3. Follow the installation/start wizard on the alarm panel.
4. Select:
   - your desired menu language
   - the desired software version for the alarm panel
   - your country, for country-specific settings
   - the current date
   - the current time
   - whether switching between daylight savings/standard time is to be carried out manually or automatically.
   - A/C error message for 230 V power supply. You will then receive error messages in the event of such faults.
   - External D/C power supply error message for 13.8 V DC power supply. You will then receive error messages in the event of such faults.
   - Battery 2 if it will also be used.
   - the type of wired zone (e.g. 2-wire FSL 2k2/4k7).
   - whether access via the web server is/is not permitted. Set to "permitted" as standard
   - whether the system should obtain the IP address automatically or if you wish to enter the IP address manually
     - Automatic DHCP on
     - Manual DCHP off, the following menus appear where you can enter the address:
     - IP address
     - IP Subnet mask
     - Gateway IP address
     - Initial IP address of the DNS server
   - Internal HTTP port

The overview then displays:

- the IP address of the wireless alarm system
- DHCP ON/OFF
- the current software version
- the serial number of the wireless alarm system
- the part number of the wireless alarm system

Make a note of the IP address.

- ARC/ESCC reporting, whether reports are to be sent to monitoring station
- the length of the access code, 4 or 6 characters
- the installer code (S/W >=1.01.00)
- the administrator code (S/W >=1.01.02)

5. The overview then displays:
   - the temporary login data for the installer and administrator.

6. The following message will be displayed "Please check whether new software is available.".

The verification will take place in Installer Mode.

You can also check this in the Level4 user menu, and then immediately perform a software upgrade.

7. Open the web browser on your PC and enter the IP address indicated by the alarm panel. Alternatively you can also use the ABUS IP Installer to display the alarm panel and automatically access it. You can download the IP Installer from www.abus.com.

8. Connect to the wireless alarm system via the web browser.

Note
When the alarm panel is first set up, it may take up to three minutes for the web browser to access the wireless alarm system as the SSL certificate is automatically generated during this time.

A window appears with the following message: SSL certificate will be created, this can take several minutes.
Network functions are not available during this time.

Note
This message will display: Network initialisation, please wait...

9. Log into the wireless alarm system as an installer.

Note
It is sometimes beneficial to use a fixed IP address instead of a dynamically assigned IP address (DHCP).
Some routers assign other IP addresses to their clients after a certain time, for example. Other devices do not recognise this new IP address yet.

For a system that is already installed

1. Log into the wireless alarm system as an installer.
2. Navigate to the following submenu: Info>Communications>Ethernet.
3. Make a note of the IP address.
4. Log out of the alarm panel.
5. Open the web browser on your PC and enter the IP address indicated by the alarm panel.
6. Open the web browser on your PC and enter the IP address indicated by the alarm panel.
7. Enter your user name and password to log onto the web server as an installer.

Logging into the wireless alarm system

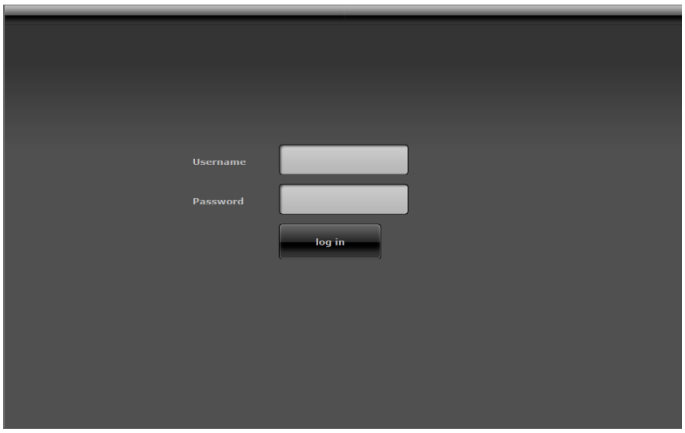
1. Open the web browser.
2. Enter the IP address in the following form: **xxx.xxx.xxx.xxx.**

The browser then switches to https automatically.

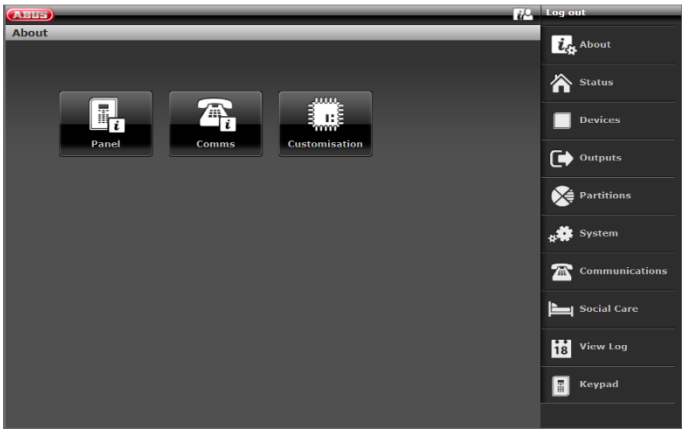
Note
If a user (operator, installer) is logged in directly to the wireless alarm system, it cannot be accessed via web browser for security reasons.

Note
Depending on the browser, a message may appear, indicating that the connection/certificate is unsafe.
Confirm the security exception rule and save it.

3. Load the page. The login screen appears.



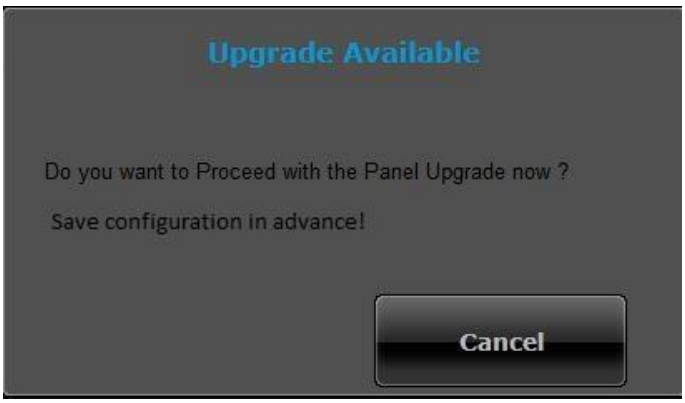
4. Log in as an **Installer** with the user name and the installer password.
   Note for S/W <1.01.00
   The default installer password is 9999(99)
5. Click on the **Login** button or press the **enter key** on the keyboard.
6. The main menu appears:



S/W >=3.00.03

After logging in, the software automatically asks the ABUS FTP server: "Is new software available?"

If the FTP server replies to this question with a "Yes", the following pop-up menu appears.



Click the **Cancel** button.

You will find further details in the "Software upgrade" chapter in the appendix.

Note

A software upgrade via the web server may only be performed by a Level4 type user.

Logging out from the wireless alarm system

Click the **Log out** button.

If you are working directly in the alarm control panel, click the "**Exit**" menu key.

Important!

Saving the settings:
S/W <2.00.00
When you make these changes in the Installer Mode, the Secvest stores these changes in temporary storage until you leave the Installer Mode.
When you leave the Installer Mode, the alarm control panel writes these changes to permanent storage.
If you power off the alarm control panel completely **BEFORE** leaving the Installer Mode, the alarm control panel will lose all your changes.
Please note that this does not apply if you restore the factory defaults; this change is implemented immediately.

S/W >=2.00.00

When you make these changes in the installer mode, they will be saved directly in the Secvest's permanent storage following confirmation.

They will be preserved, even in the event of power failure before you exit installer mode.

Important!

Automatic log out function:
Based on the Secvest's automatic log out function, this is now also possible on the web interface and Secvest app.

- Installer or level 4 user is logged into the web interface. The automatic log out occurs after **1 hour** of inactivity.
- iOS/Android app: Once opened, the app closes after 4:15 minutes have passed without an input in accordance with the VdS 3169 standard,
    - providing "Remember PIN" is set to no.
- Normal user or administrator is logged in. The automatic log out occurs after **1 minute** of inactivity.

Important!

Time schedules active/inactive, week planner
Please inquire with the alarm panel user about a possible programmed time schedule in the user menu.
If the alarm panel is in installer mode, planned events are moved. They are NOT annulled.
Pending events are carried out when installer mode is finished.
This means that after leaving installer mode, the alarm panel switches to the state desired and programmed by the user for this time period.

Configuration

Notes

Please consult the user guide for details on activating and deactivating the system, and on the behaviour of the alarm control panel and the display (user interface).

The wireless alarm panel is configured in installer mode.

There are two ways to configure the wireless alarm panel:

- directly on the wireless alarm panel using the keypad
- via a web browser on the integrated web server.

The following mainly describes how to configure the wireless alarm panel via the integrated web server.

The integrated web server can be used to define settings for the wireless alarm system easily using an internet browser.

S/W < 2.00.00

(Wireless) components are set up/taught in directly on the wireless alarm panel.

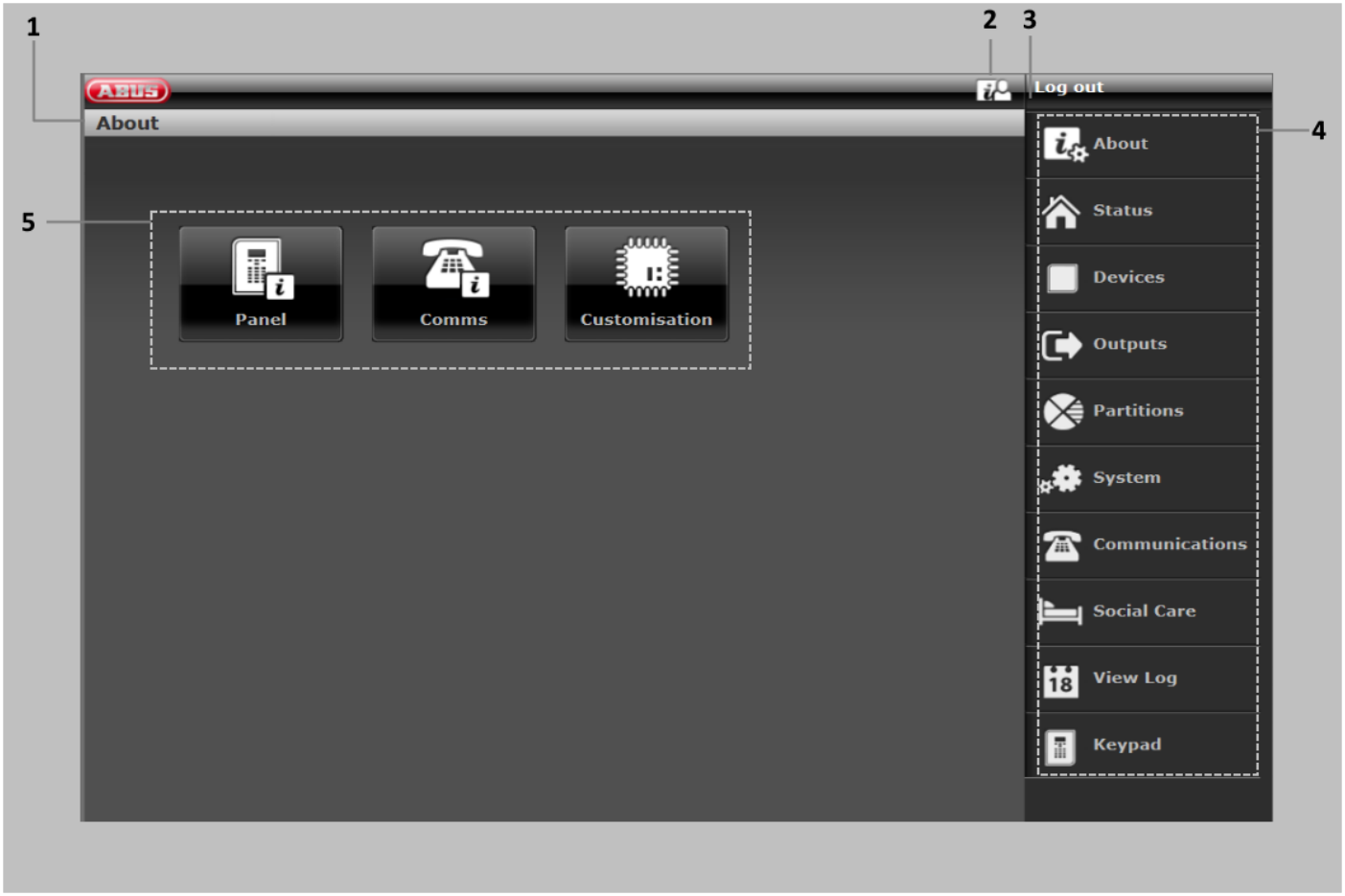
S/W >= 2.00.00

(Wireless) components can be set up/taught in directly on the wireless alarm panel or via the web server.

Please also see the "Standard values/factory defaults" in the appendix.

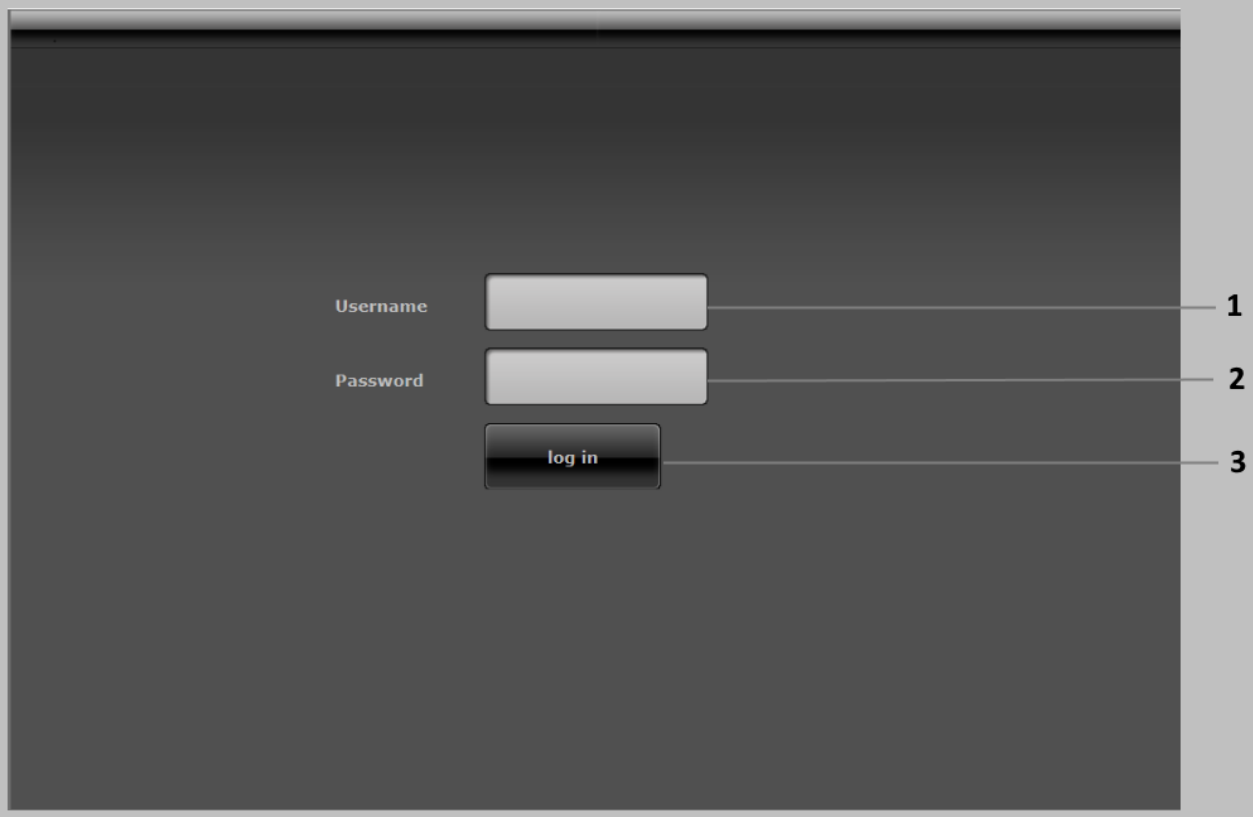
This section provides reference information about the options that are available in Installer Mode.

Menu control elements



No.	Name/function	No.	Name/function
1	**Info bar** • Active main menu – here, "Info" with additional submenus	4	**Main menu list** • The main menus are displayed
2	**Button for online help** • Click this button to open the current documentation as a PDF. This documentation can then be saved locally as well.	5	**Submenu list** • The submenus associated with the active main menu are displayed • Click on a submenu to open it and access the settings
3	**Logout button** • Click this button to log out of the system		

Login screen



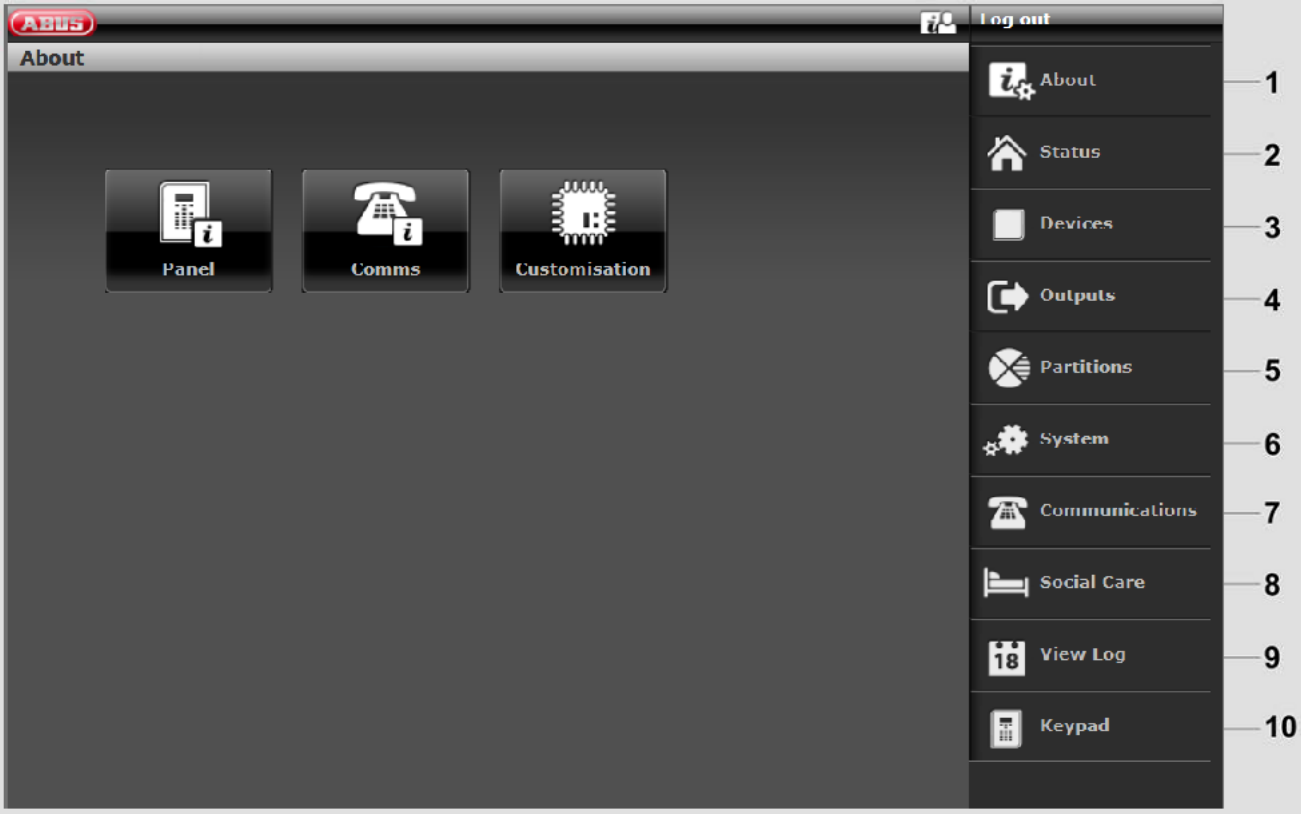
No.	Name/function	No.	Name/function
1	**Input field for the user name** • Enter the Installer names. • The entry is case-sensitive.	3	**Login button**
2	**Input field for the password** • Enter the Installer password. • **Note for S/W <1.01.00** The default installer password is 9999(99). • The entry is case-sensitive.		

Note

You are automatically logged out after 15 minutes of inactivity.

You must then log in again.

Main menu



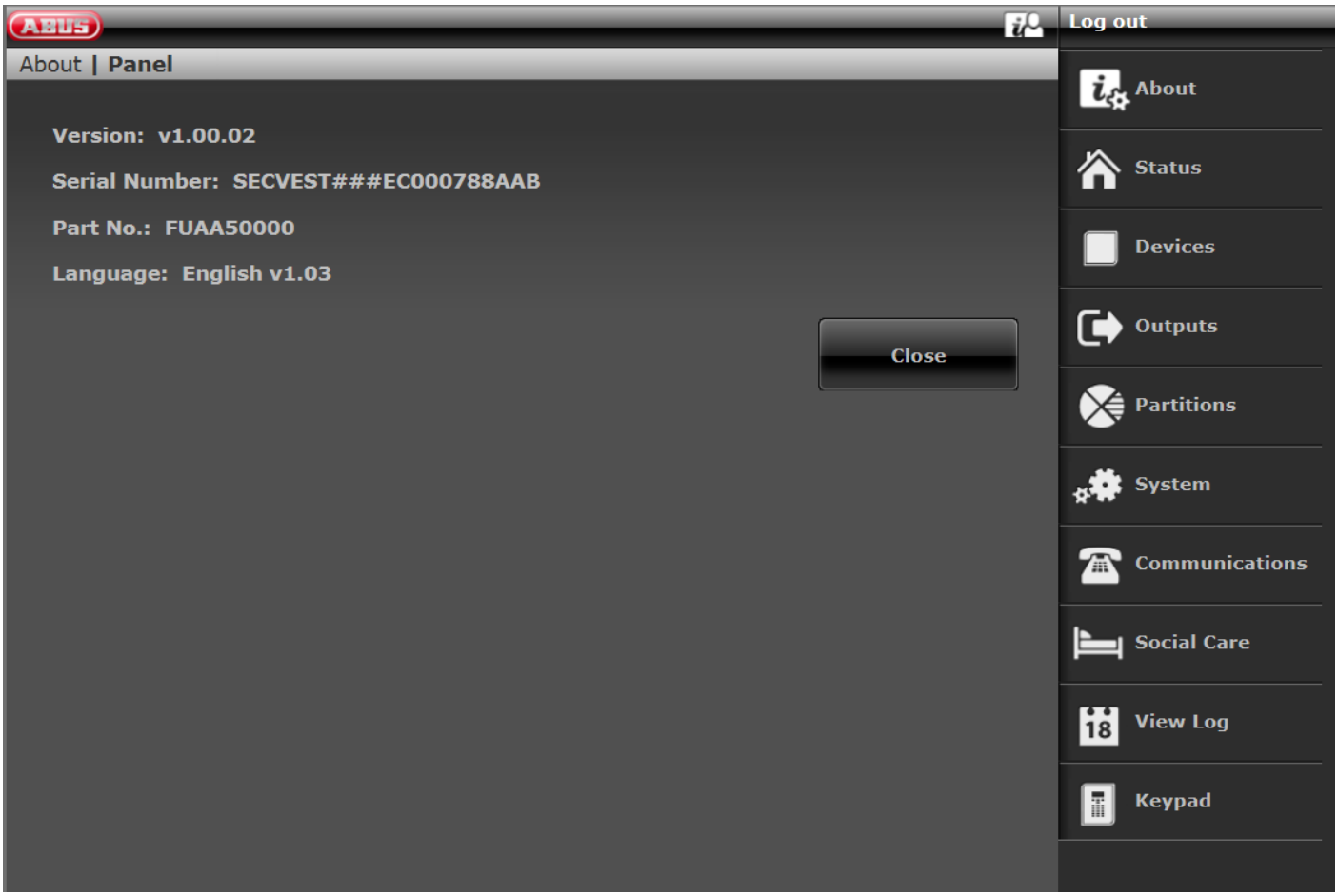
No.	Name/function	Page	No.	Name/function	Page
1	**INFO** General information about: • the alarm panel (software and hardware version) • communications • the hybrid module • customisation	50	4	**Outputs** Overview/configuration of the outputs: • Wireless outputs • Wired outputs • HyMo outputs • Combination outputs	106
2	**Status** Information about the status of the alarm system partitions	62	5	**Partitions** Overview/configuration of the partitions	122
3	**Components** Overview/configuration of the components: • IP zones • Wireless Zones • Wired Zones • HyMo zones • Wireless control panel • External sirens, wireless sirens, wired sirens • Info module/indoor siren • WAM • Door locks • RF repeater • Hybrid module • Indoor sounder	63	6	**System** Overview/configuration of the alarm system: • General • Installer details • User access • User reset • Confirmation • Hardware • Safety settings • Backup/restore • Alarm panel upgrade S/W <1.01.00 • Report	147

No.	Name/function	Page	No.	Name/function	Page
7	**Communication** Overview/configuration of the communication interfaces and transmission methods • Network • ARC reporting • Emergency call • Voice dialler • SMS • Email • Communication options • Contacts	196	9	**Log** Overview of faults, events and processes on all components of the alarm system	294
8	**Emergency call** Overview/configuration of the nursing emergency call	229	10	**Virtual keypad** Virtual Secvest keypad. The virtual keypad can be used to operate the system in exactly the same way as the keypad on the front of the Secvest device.	
X	**Test** Overview/Implementation of all possible test functions				

INFO

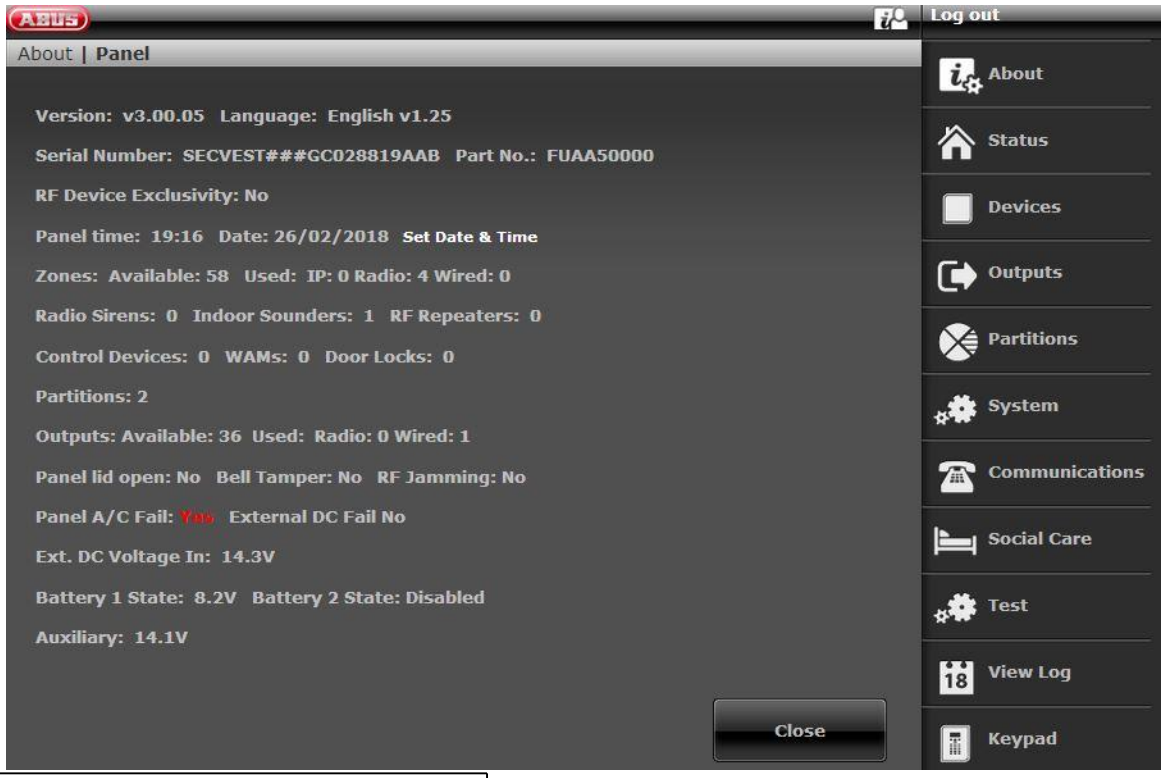
Alarm panel

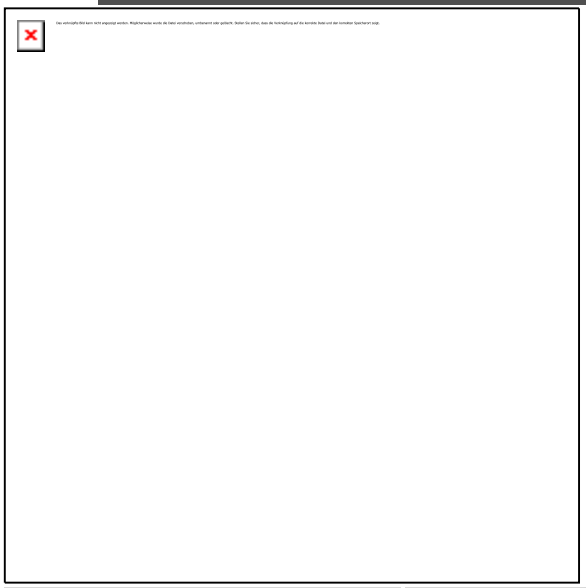
S/W <2.00.00



Name/function	Explanation
Version	Version number of the software currently installed on the alarm system
Serial Number	Serial number of the alarm system
Part No	Article number of the alarm system
Language	Version number for the configured language

S/W >= 2.01.08

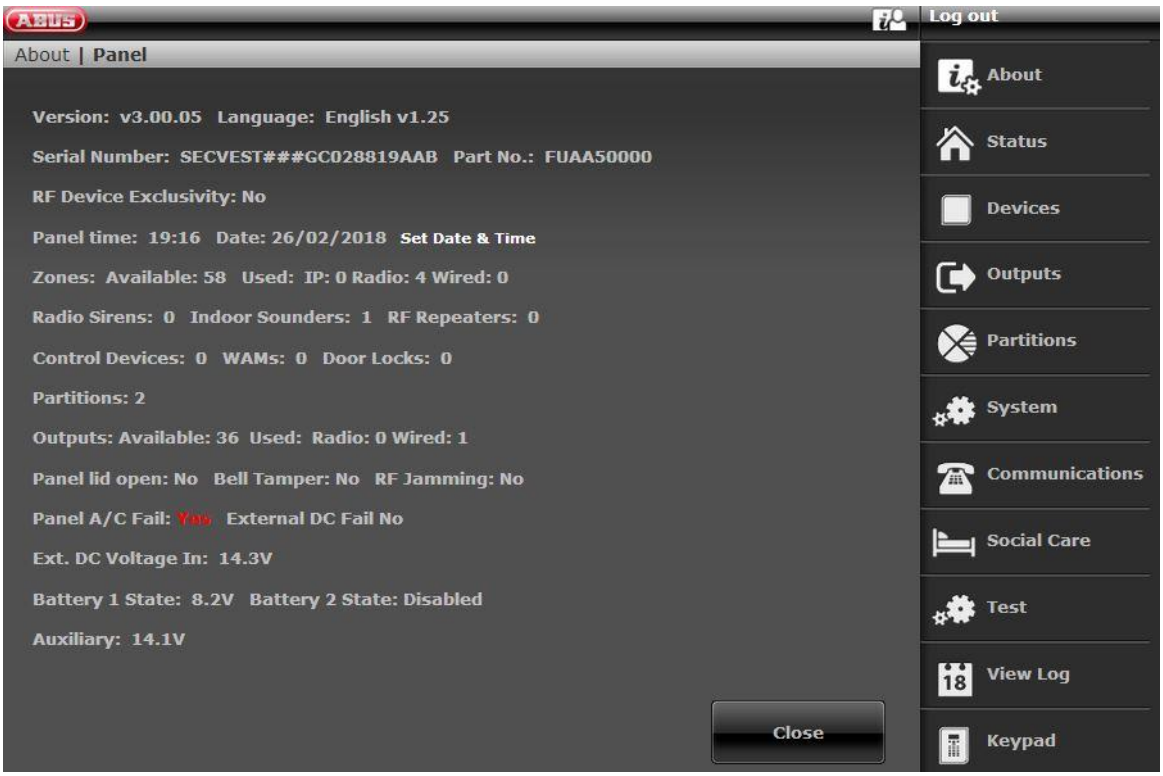




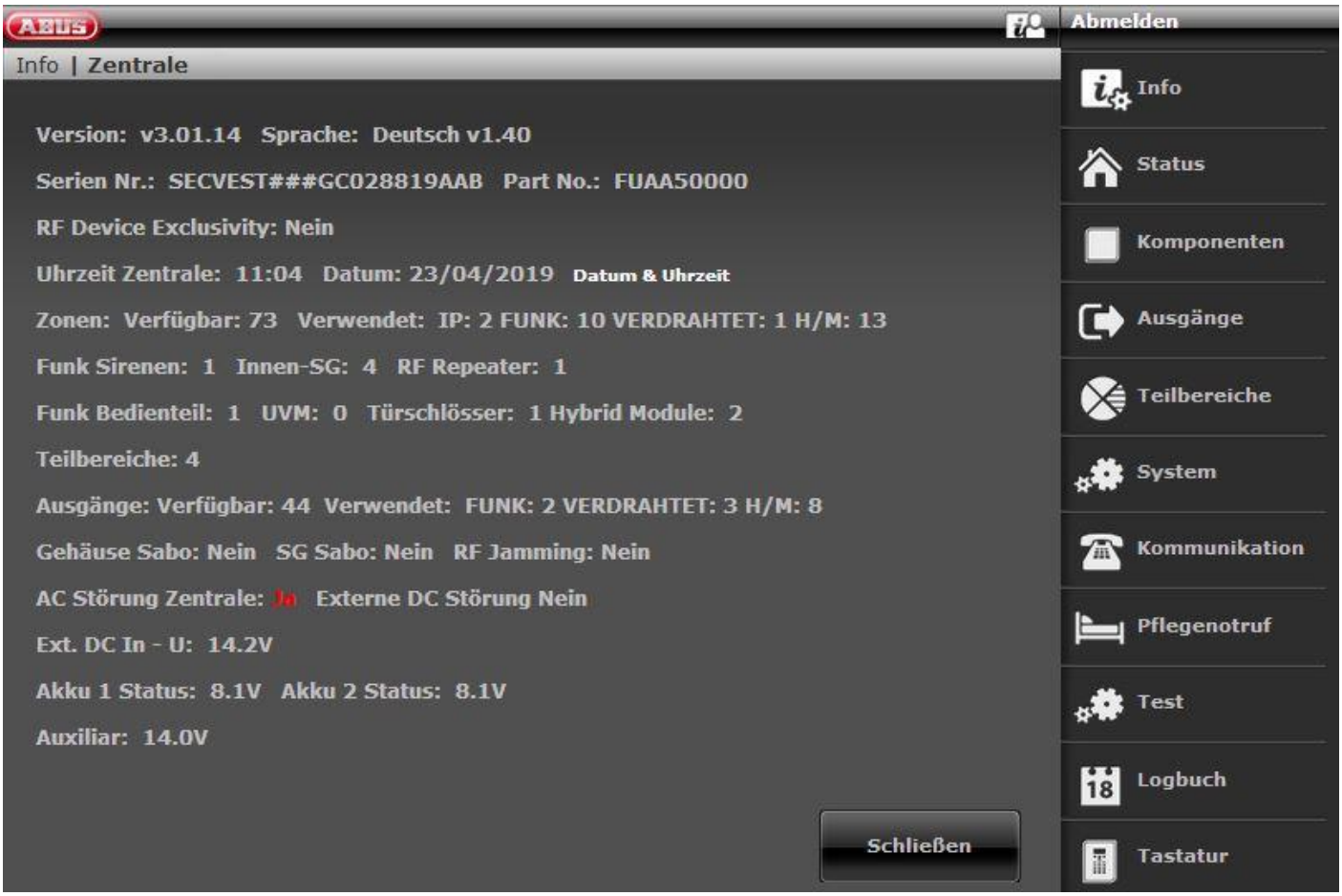
Name/function	Explanation
Version, language	Version number of the software currently installed on the alarm system Version number for the configured language
Serial Number	Serial number of the alarm system
Part No.:	Article number of the alarm system
RF Device Exclusivity	Yes only new wireless components that have been on the market since 2015 can be added, e.g. FUMK500XX No all wireless components can be added, e.g. detectors from existing installations such as FU8320.
Alarm panel time, date	Currently set time and date on the control panel

Date & time	Synchronises date and time of the alarm panel with the date and time from the PC via mouse click
Zones	Overview of available and configured zones IP zones (IP), wireless zones (WIRELESS), wired zones of the alarm panel (WIRED), HyMo zones (H/M)
Wireless sirens	Number of components in use
Indoor sounder	Number of components in use
RF repeater	Number of components in use
Wireless control panel	Number of components in use
WAM	Number of components in use
Door locks	Number of components in use
Hybrid module	Number of components in use
Partitions	Number of partitions in use
Outputs	Overview of available and configured outputs Wireless outputs (WIRELESS), wired outputs of the alarm panel (WIRED), HyMo outputs (H/M)
Housing Tamper	Specifies whether the tamper contact on the front of the housing or the wall tamper contact has been triggered
Sounder Tamper	Specifies whether the tamper contact on the wired, connected siren has been triggered (TR input on the alarm panel)
RF Jamming	Specifies whether the alarm panel has detected RF jamming
Alarm panel A/C fault	Displays whether the alarm panel is connected to 230 V or if a fault is present
External DC fault	Displays whether the alarm panel is connected to 13.8 V external DC power supply or if a fault is present.
Ext. DC In - U	Specifies the voltage of the external DC power supply
Battery status	Status of each battery (with voltage if required)
Auxiliary	Output voltage to the power supply output terminal

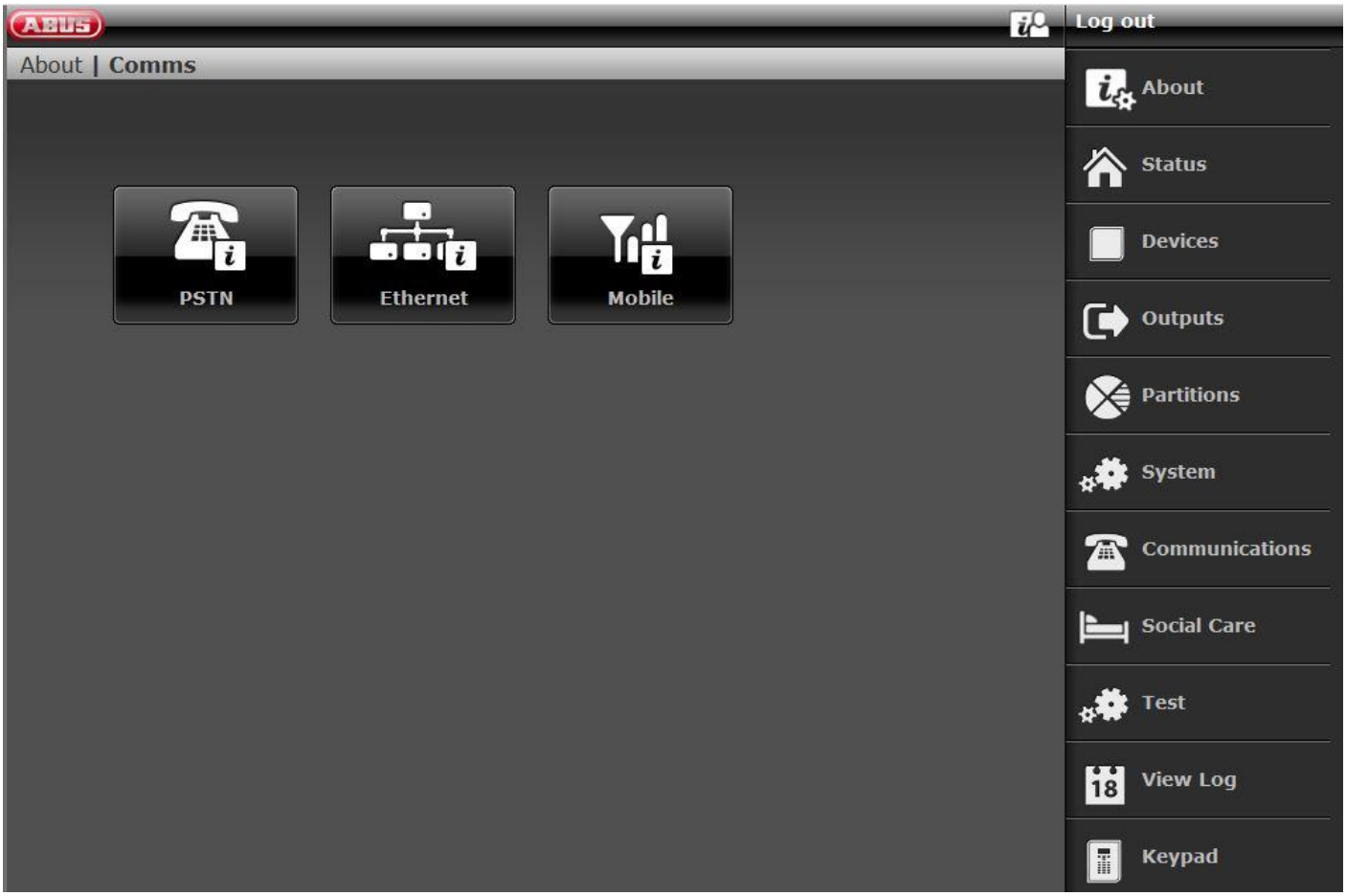
S/W >=3.00.05


ABUS
Log out
About | Panel
Version: v3.00.05 Language: English v1.25
Serial Number: SECVEST###GC028819AAB Part No.: FUAA50000
RF Device Exclusivity: No
Panel time: 19:16 Date: 26/02/2018 Set Date & Time
Zones: Available: 58 Used: IP: 0 Radio: 4 Wired: 0
Radio Sirens: 0 Indoor Sounders: 1 RF Repeaters: 0
Control Devices: 0 WAMs: 0 Door Locks: 0
Partitions: 2
Outputs: Available: 36 Used: Radio: 0 Wired: 1
Panel lid open: No Bell Tamper: No RF Jamming: No
Panel A/C Fail: Yes External DC Fail No
Ext. DC Voltage In: 14.3V
Battery 1 State: 8.2V Battery 2 State: Disabled
Auxiliary: 14.1V
Close
About
Status
Devices
Outputs
Partitions
System
Communications
Social Care
Test
View Log
Keypad

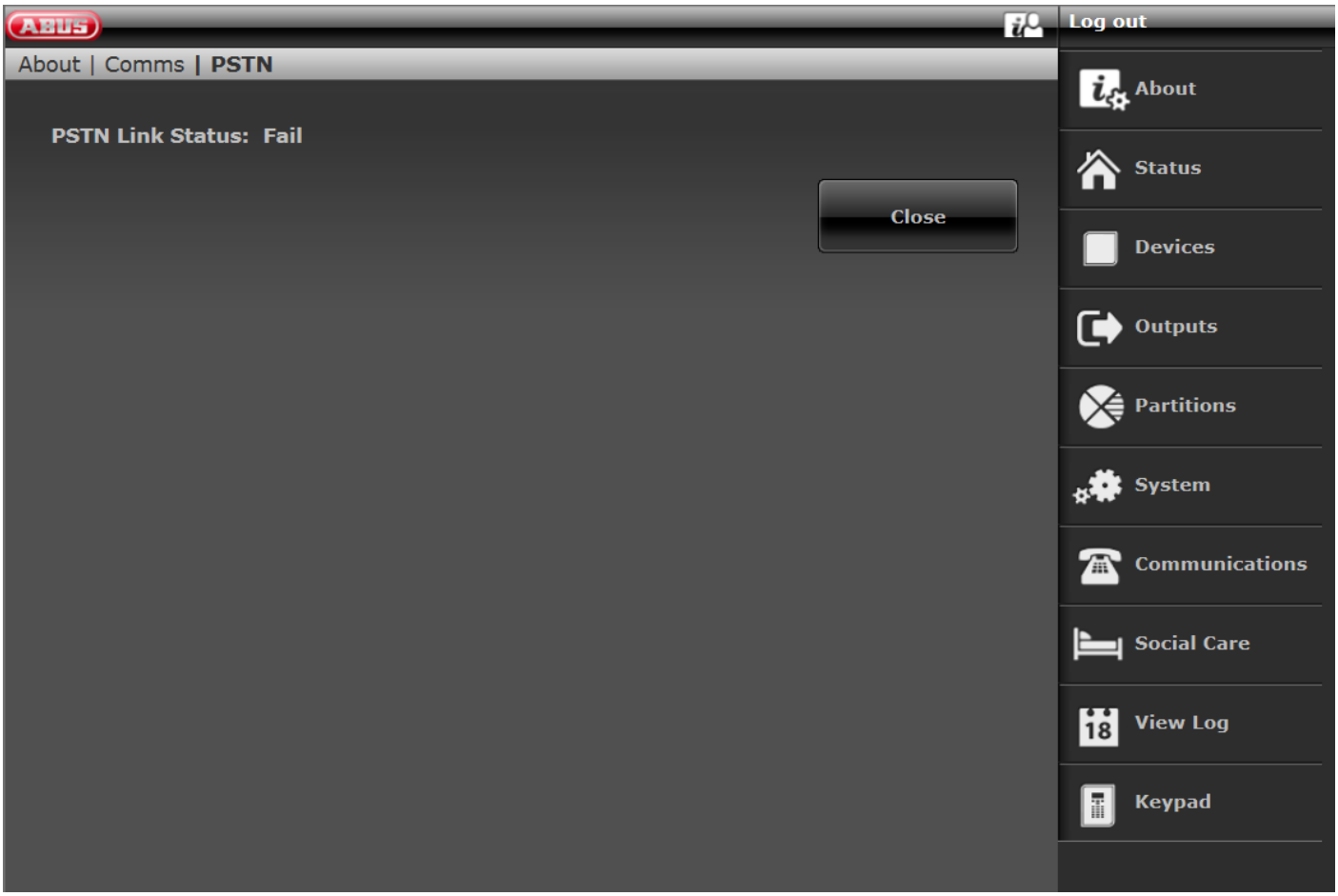
S/W >= 3.01.14


ABUS
Abmelden
Info | Zentrale
Version: v3.01.14 Sprache: Deutsch v1.40
Serien Nr.: SECVEST###GC028819AAB Part No.: FUAA50000
RF Device Exclusivity: Nein
Uhrzeit Zentrale: 11:04 Datum: 23/04/2019 Datum & Uhrzeit
Zonen: Verfügbar: 73 Verwendet: IP: 2 FUNK: 10 VERDRAHTET: 1 H/M: 13
Funk Sirenen: 1 Innen-SG: 4 RF Repeater: 1
Funk Bedienteil: 1 UVM: 0 Türschlösser: 1 Hybrid Module: 2
Teilbereiche: 4
Ausgänge: Verfügbar: 44 Verwendet: FUNK: 2 VERDRAHTET: 3 H/M: 8
Gehäuse Sabo: Nein SG Sabo: Nein RF Jamming: Nein
AC Störung Zentrale: Ja Externe DC Störung Nein
Ext. DC In - U: 14.2V
Akku 1 Status: 8.1V Akku 2 Status: 8.1V
Auxiliar: 14.0V
Schließen
Info
Status
Komponenten
Ausgänge
Teilbereiche
System
Kommunikation
Pflegenotruf
Test
Logbuch
Tastatur

Communication

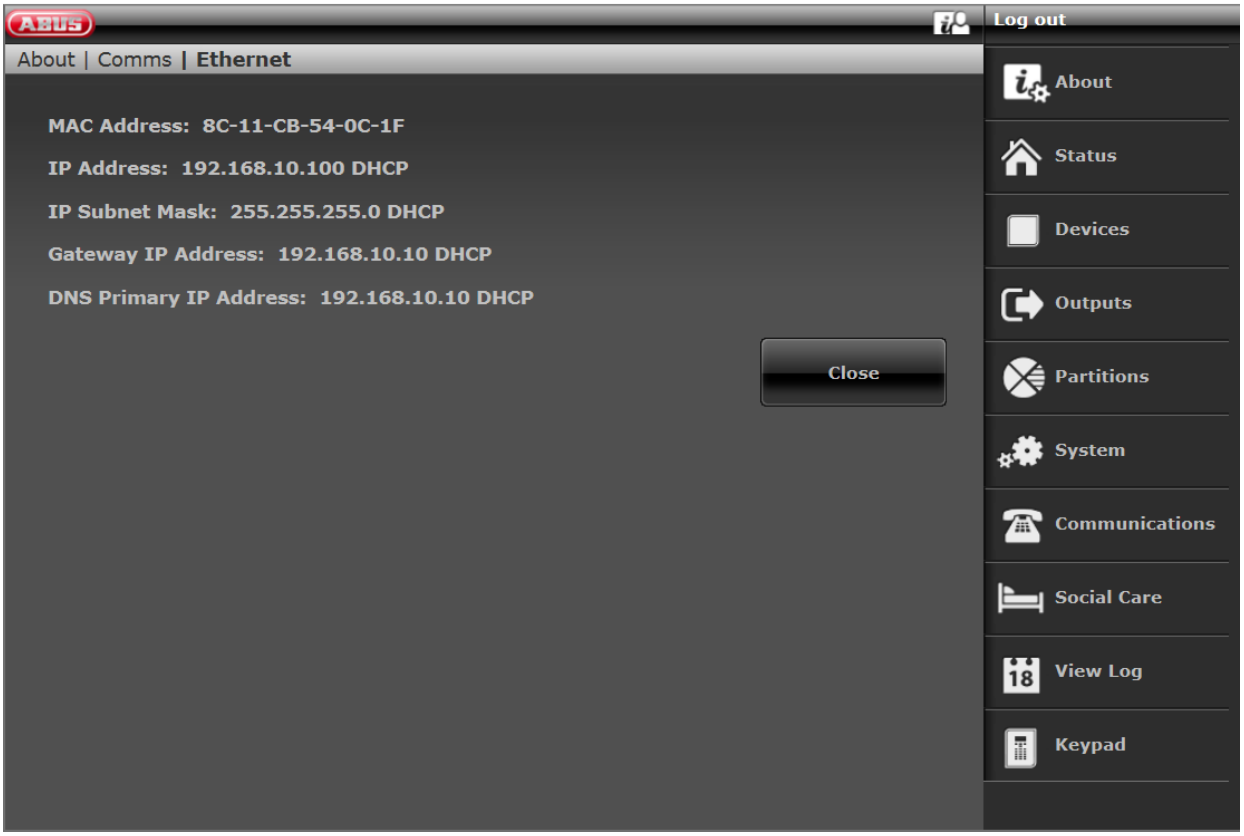


PSTN



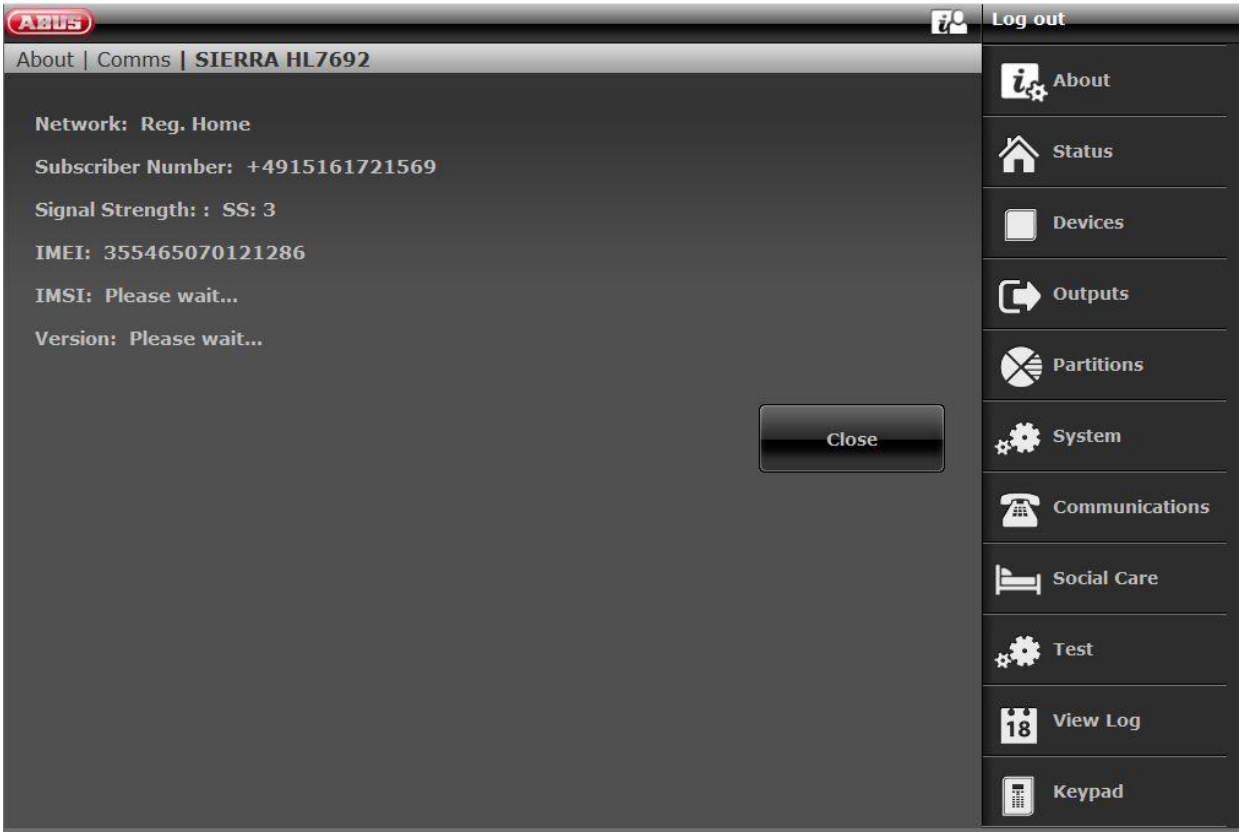
Name/function	Explanation
PSTN Link Status	PSTN link status query. Secvest checks the connected telephone line. The message "OK" appears. If it is not connected, not enabled or is disrupted, the error message "Fault" appears.

Ethernet



Name/function	Explanation
MAC address	The hardware address of the network adapter for the Secvest is given here. A MAC address is globally unique.
IP address	If the Secvest is located on a network the IP address is shown here, e.g. 192.168.178.23. If (DCHP) is shown after this in brackets, the Secvest automatically obtains its IP address from a DHCP server, for example, in a router. If the Secvest is not networked, "0.0.0.0" is displayed here.
IP Subnet Mask	The subnet mask is displayed here. In a private network this is normally 255.255.255.0.
Gateway IP address	If the Secvest is located on a network the IP address of the gateway is shown here. An example of a gateway in a private network is the router, e.g. the Fritz!Box.
DNS primary IP address	This is the IP address of the Domain Name System (DNS).
IP Link Status (GUI only)	Ethernet status query. The Secvest checks the connected LAN cable and its own Ethernet connection. The message "OK" appears. If something is not connected, not enabled or is disrupted, the error message "Fault" appears.

Mobile

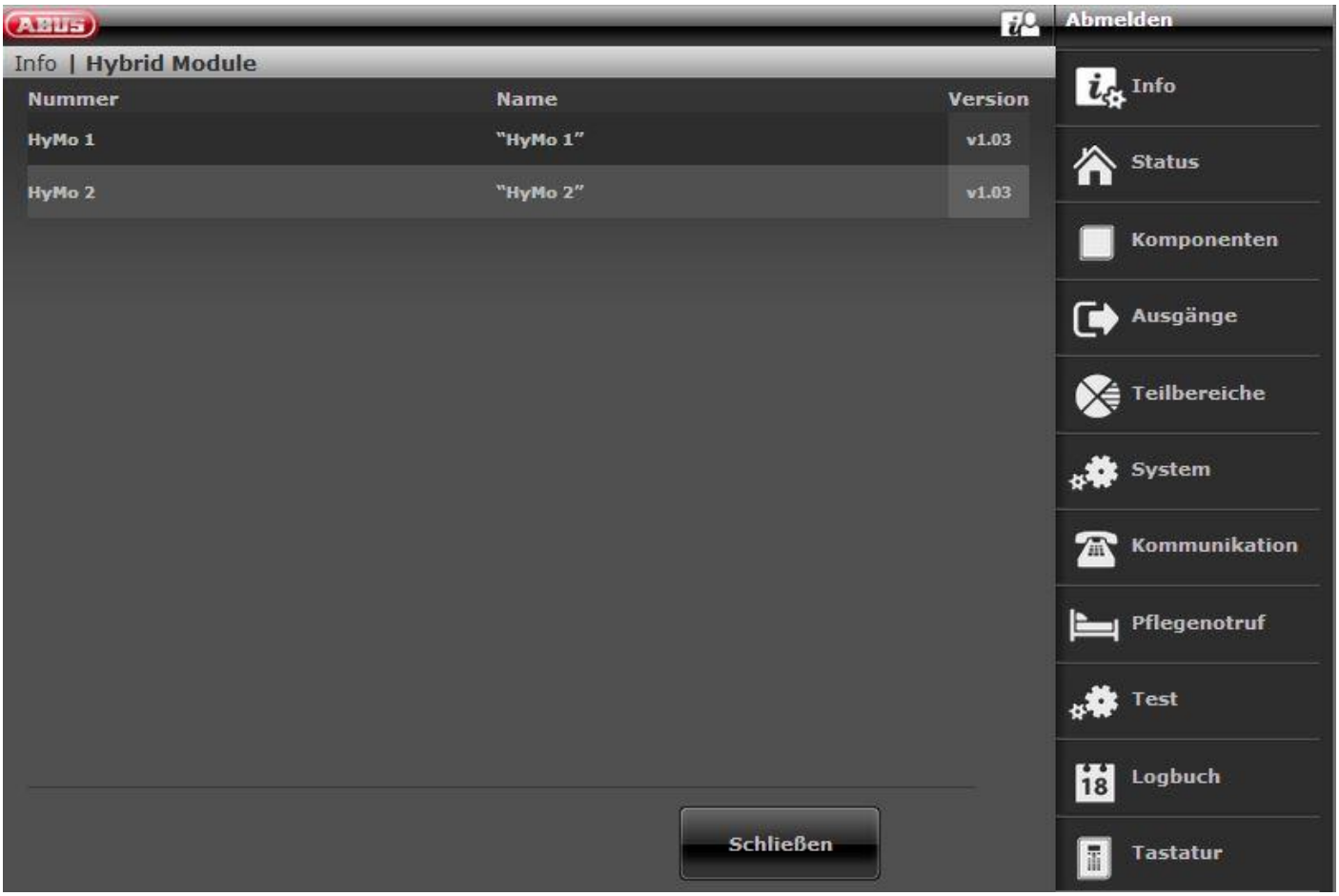


Name/function	Explanation
	Note These menus only appear when a wireless mobile module with an active SIM card is installed in the alarm panel
SIERRA HL7692	Manufacturer and type of the fitted wireless mobile module
Network **Signal strength**	Displays whether and how the SIM card is connected within the wireless mobile network. Example: Reg. Home RSSI: 4 (G)

'Not Reg.'	Not registered; the module is not looking for a wireless mobile network.
'Reg. Home'	Registered; home network ('Reg. Home' is replaced with the provider name as soon as this becomes available).
'Searching...'	Not registered; the module is looking for a wireless mobile network.
"Reg. Denied"	Registration denied
"Reg. Unknown"	Unknown
'Reg. Roam'	Registered; roaming network ('Reg. Roam') is replaced with '*' roaming provider name as soon as this becomes available).
RSSI	Indicates the strength of the wireless mobile reception, similar to the bar display in a smartphone. The numbers range from 0 (very low) to 9 (very high).

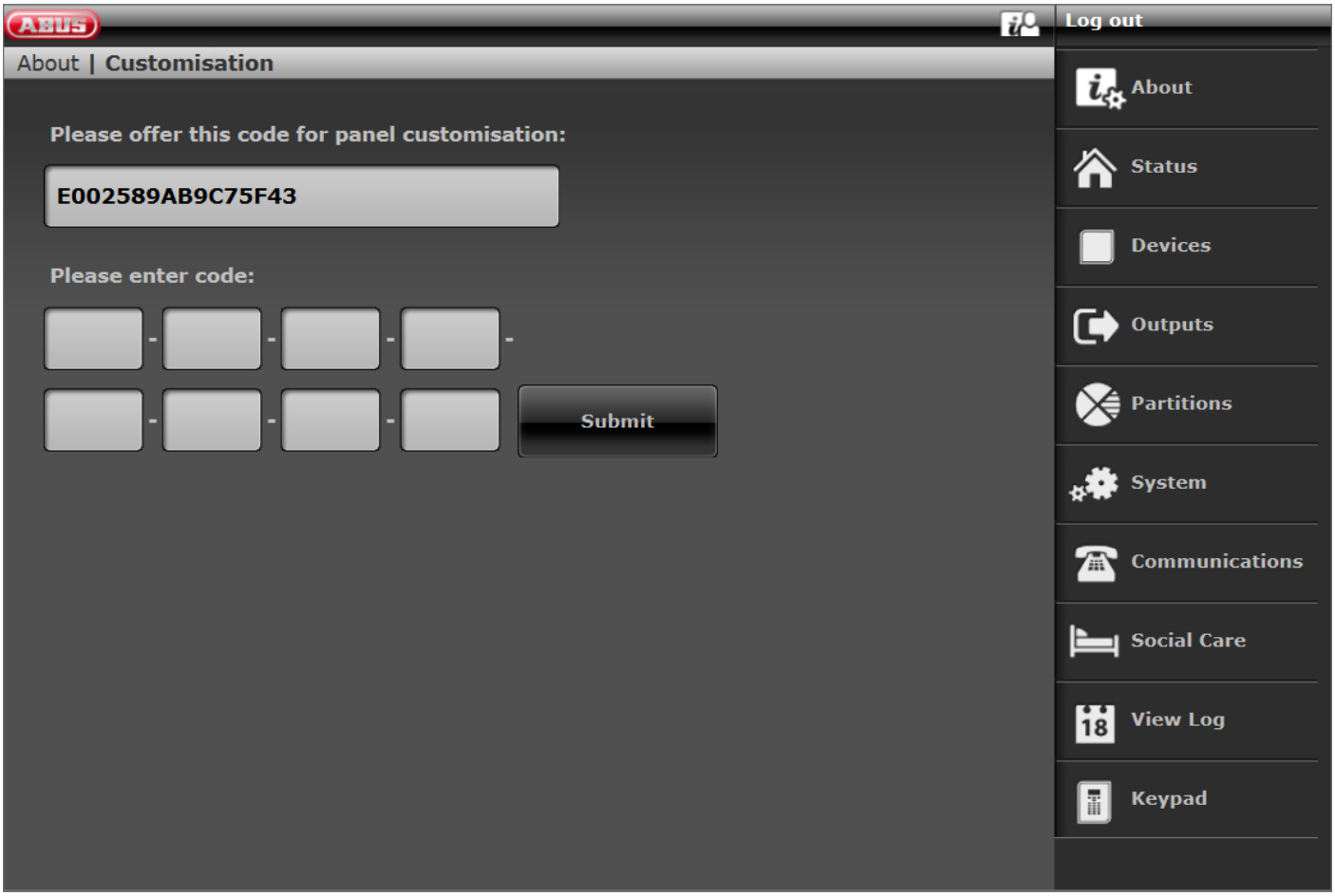
	The value inside the brackets indicates the availability of the data connection. Availability of the data connection: “Without” – 2G network only available, voice, no data possible (G) – GPRS network available. (4G) – LTE/4G network available.
IMEI	International Mobile Station Equipment Identity (IMEI), a unique 15-digit serial number that can be used to uniquely identify each wireless mobile end device. This number is also given directly on the module.
Subscriber Number	Telephone number assigned to the SIM card. **Note** The SIM card telephone number is only displayed if your service provider has saved the telephone number on the card.
IMSI	International Mobile Subscriber Identity, used in wireless mobile networks to uniquely identify network subscribers.
IP Address (GUI only)	IP address of the wireless mobile module. This IP address is dynamically assigned by the wireless mobile network (2G/GPRS, 4G/LTE).
Version	The hard- and software versions of the wireless mobile module.
Reset (GUI only)	Used to restart the wireless mobile module without powering down the alarm panel. The wireless mobile module begins connecting to the wireless mobile network again.

Hybrid module



Name/function	Explanation
Number	The internal number of the hybrid module
Name	The unique programmed name of the hybrid module
Version	The software version of the respective hybrid module

Customisation

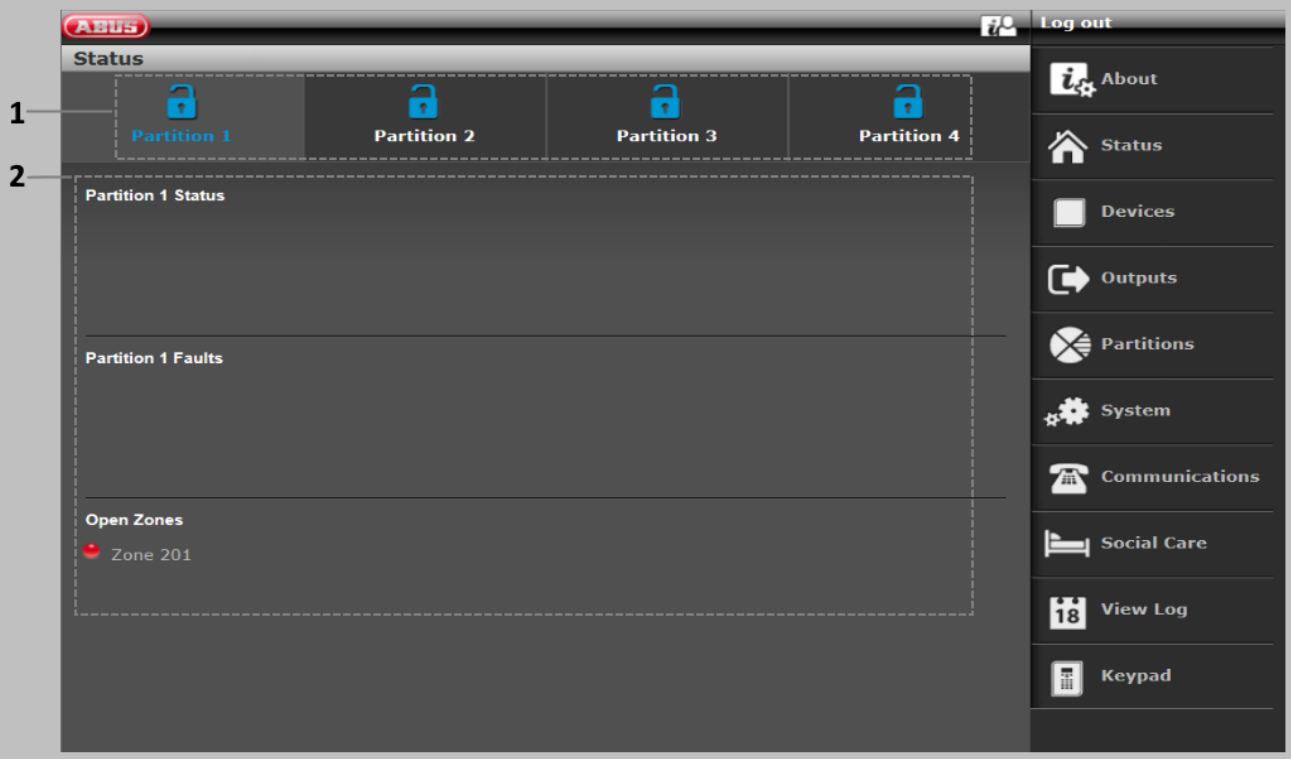


Name/function	Explanation
Please offer… ->	ID of the wireless alarm system (required for the licence key)
Please enter code	Input field for the licence key for customisation of the alarm system (language settings, for example)

Note

The possibility of individual customisation via this menu is currently only intended for special applications upon consultation with sales or support.

Status



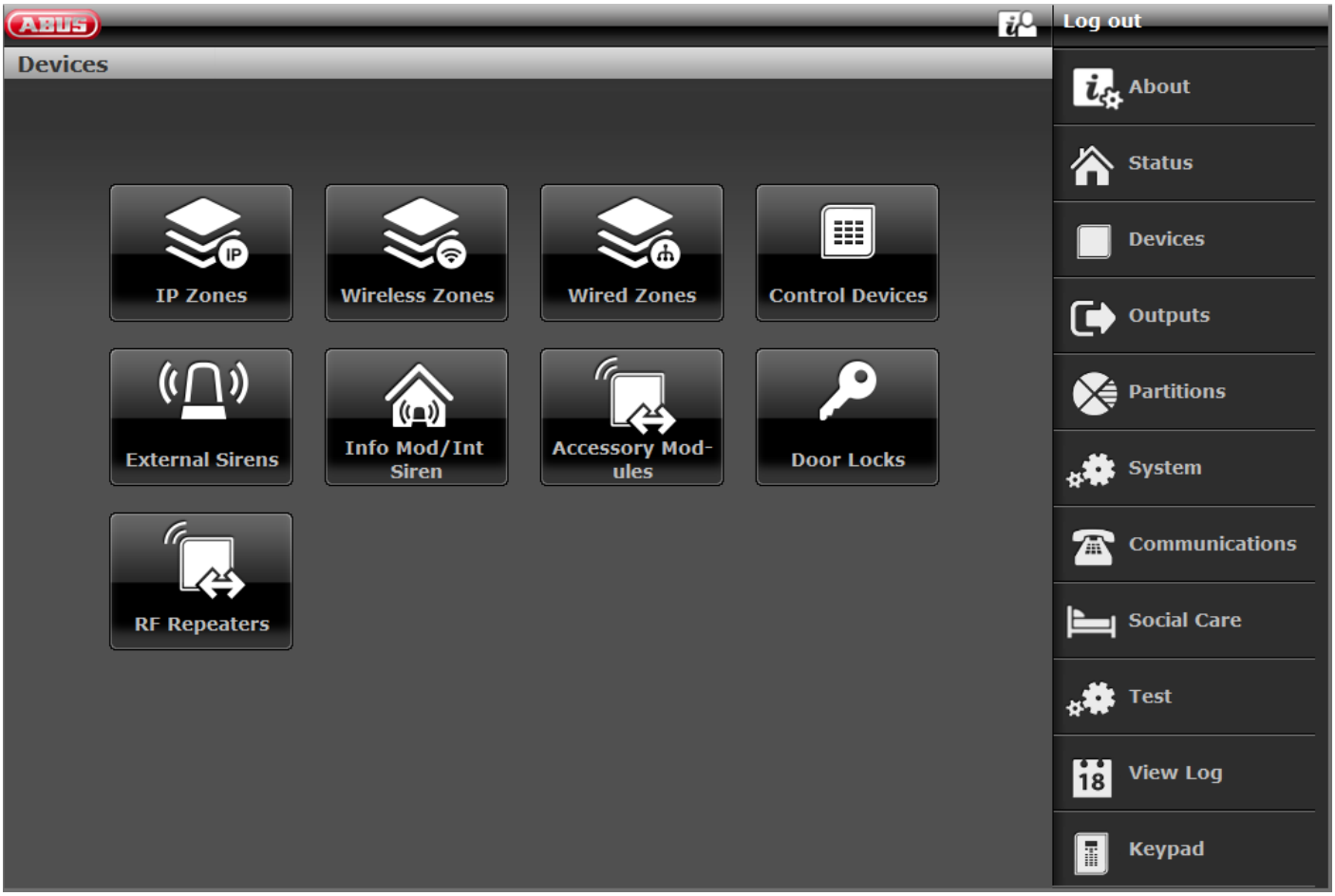
No.	Name/function	No.	Name/function
1	**Partition selection** Selection fields/tabs for individual partitions: • An alarm that is confirmed by the user but not reset is displayed in the corresponding partition as a warning symbol. • Clicking this warning symbol resets this alarm.	2	**Status display** The status display contains information including: • faults in the individual partitions • Faults across partitions (e.g. "Ext DC fault") • open zones (across partitions)

Only for the alarm control panel display

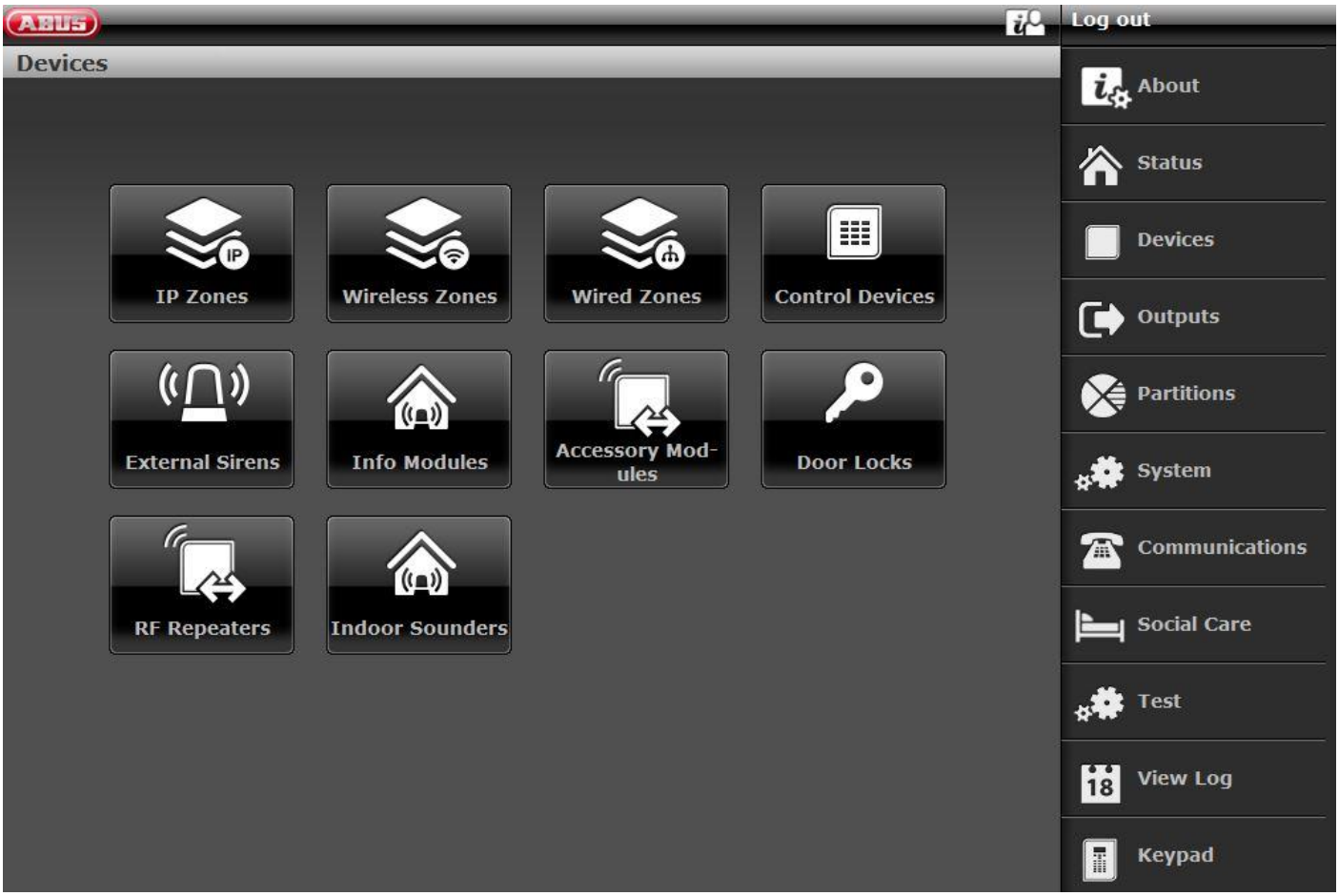
Note:
A "warning triangle" appears at the bottom of the display on the right-hand side if the alarm panel detects a problem. The explanation (description of the problem) is not shown unless an access level 2 (user) or access level 3 (installer) code is entered. After a valid code has been entered the message appears in plain text (problem, fault, warning, alarm etc.) The message is hidden again once the user has acknowledged or confirmed it. The notification disappears automatically after a one-minute time out.

Components

Teach-in via web interface



S/W >= 3.00.05

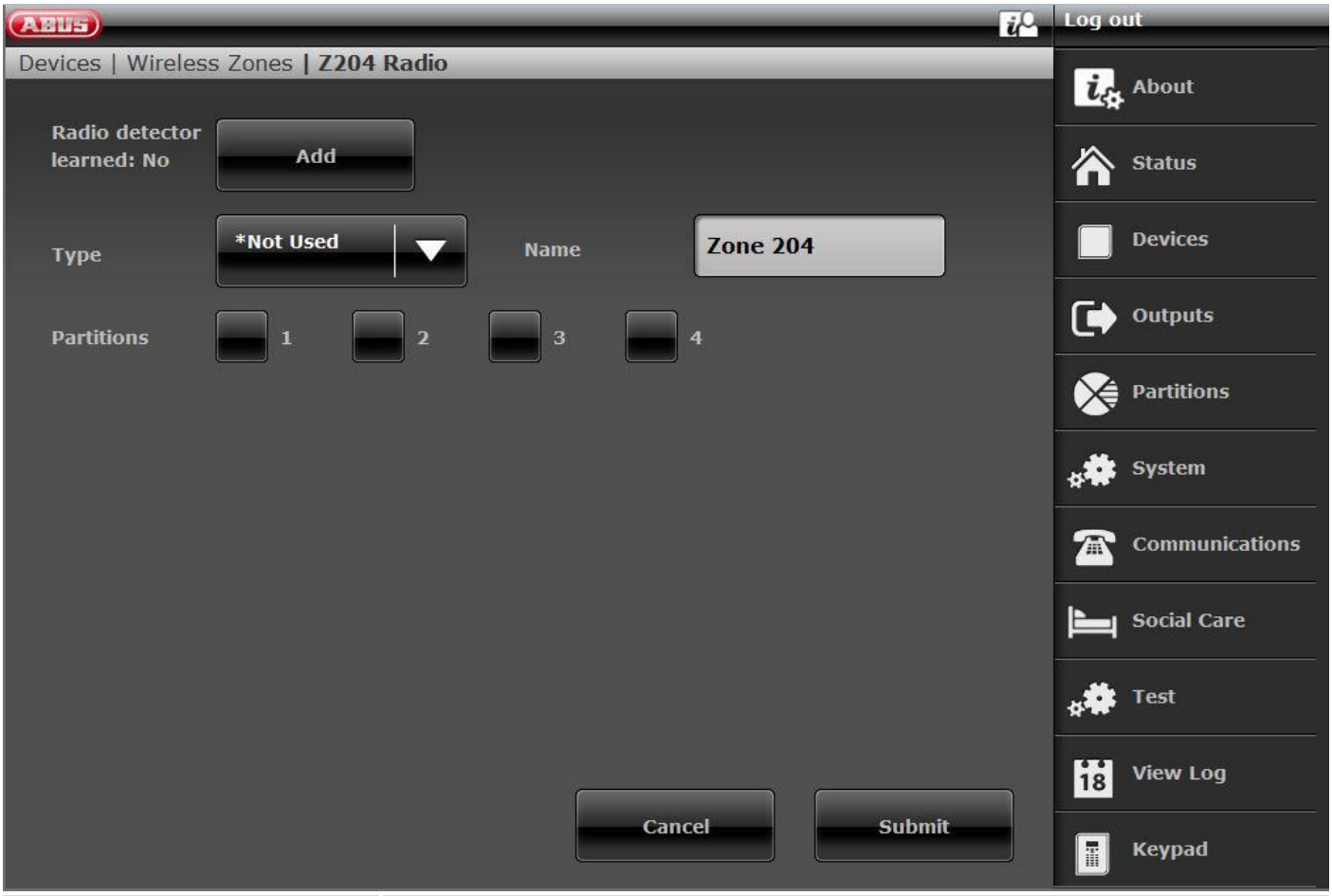

Devices
Log out
About
Status
Devices
Outputs
Partitions
System
Communications
Social Care
Test
View Log
Keypad
IP Zones
Wireless Zones
Wired Zones
Control Devices
External Sirens
Info Modules
Accessory Mod-
ules
Door Locks
RF Repeaters
Indoor Sounders

S/W >= 3.01.14

Note

From S/W 2.00.00 onwards, teach-in is possible via the web interface. To do this, simply click on an as yet unassigned zone, siren etc. The system will guide you through the teach-in process. Once teach-in is complete in the web interface, you must define the zone type.

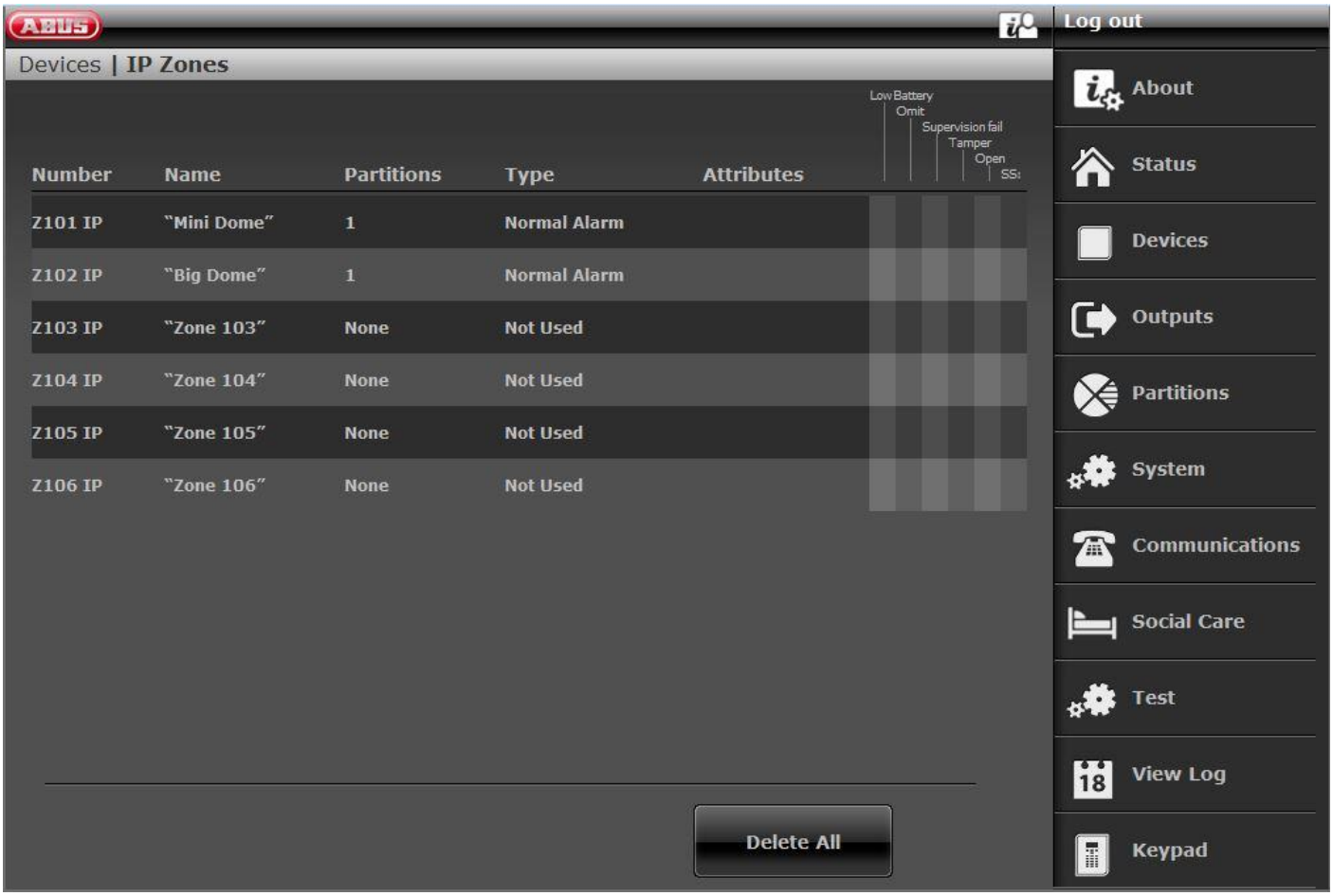
The creation of a wireless zone is given here as an example:



Name/function	Explanation
Name	Unique name of the zone
Partition	Partition of the individual zone
Type	Type of the individual wireless zone
Attributes	Overview of the attributes for the individual wireless zone

Detectors

IP zones



Name/function	Explanation
Number	The number comprises the zone name and the component type (IP).
Name	Unique name of the zone
Partition	Partition of the individual zone
Type	Type of the individual IP zone
Attributes	Overview of the attribute and status of the individual IP zone

Note

To integrate a network camera into a free IP zone, it must first be integrated and configured in the alarm panel network (see installation instructions TVIP41550 or IPCx Range).

Make a note of the settings defined for the camera in order to apply these when adding the camera to a free IP zone.

Select a free IP zone in which to integrate the network camera.

Note

From S/W 1.01.00 onwards:

- 6 IP zones are available to you
- Unchanged function of the TVIP41550; "Camera mix" (TVIP41550/IPCxyyyyy) is possible
- Default value for camera "User name" and "Password" was removed

- IP zones "attributes" are hidden if the camera's "Trigger Mode" is set to "External"

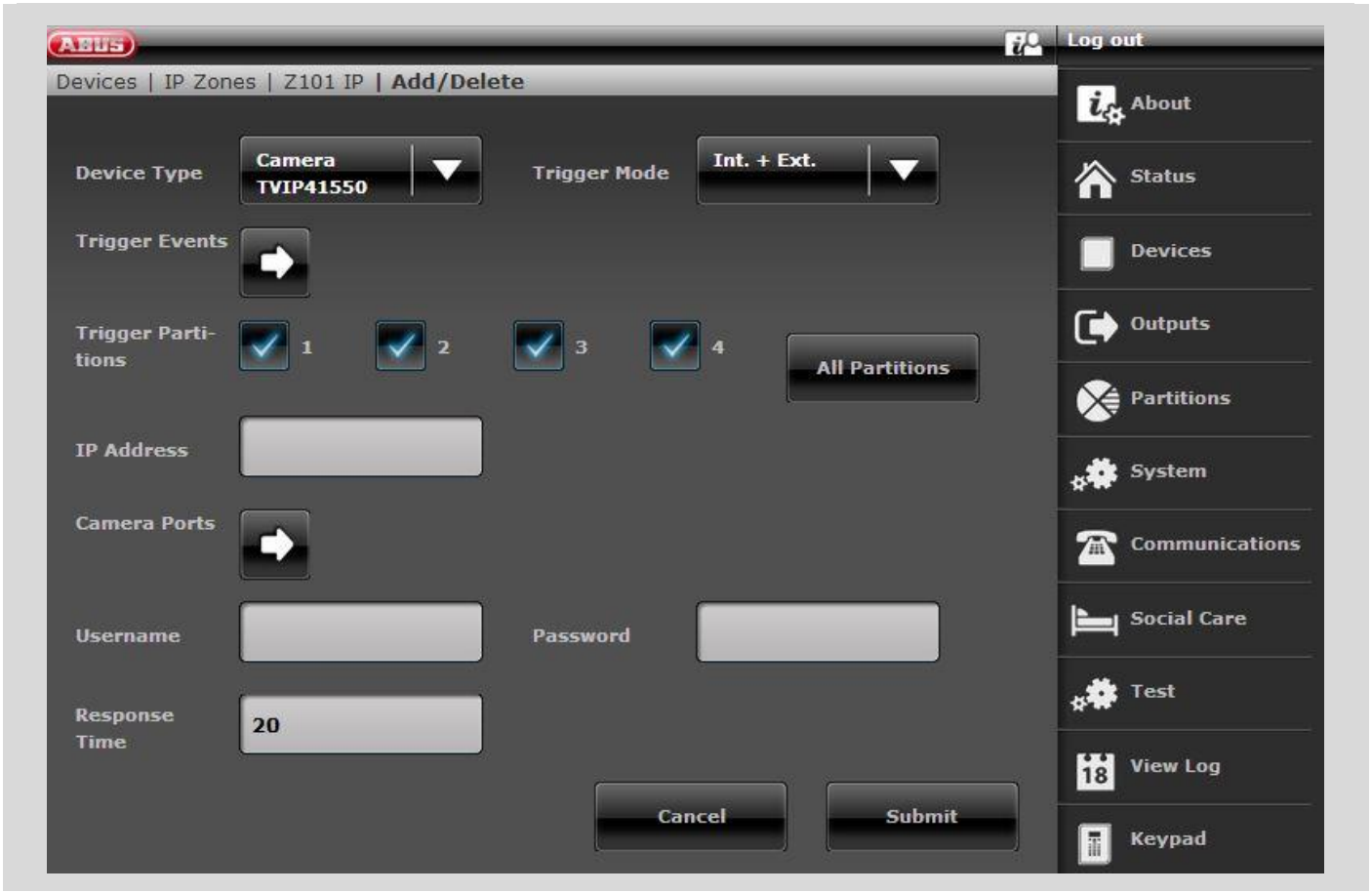
For further details on integrating cameras from the IPCx range, see the "ABUS_FUAA500xx_IPCx_Kameraintegration_Secvest_DE_1.01.00.pdf" document.

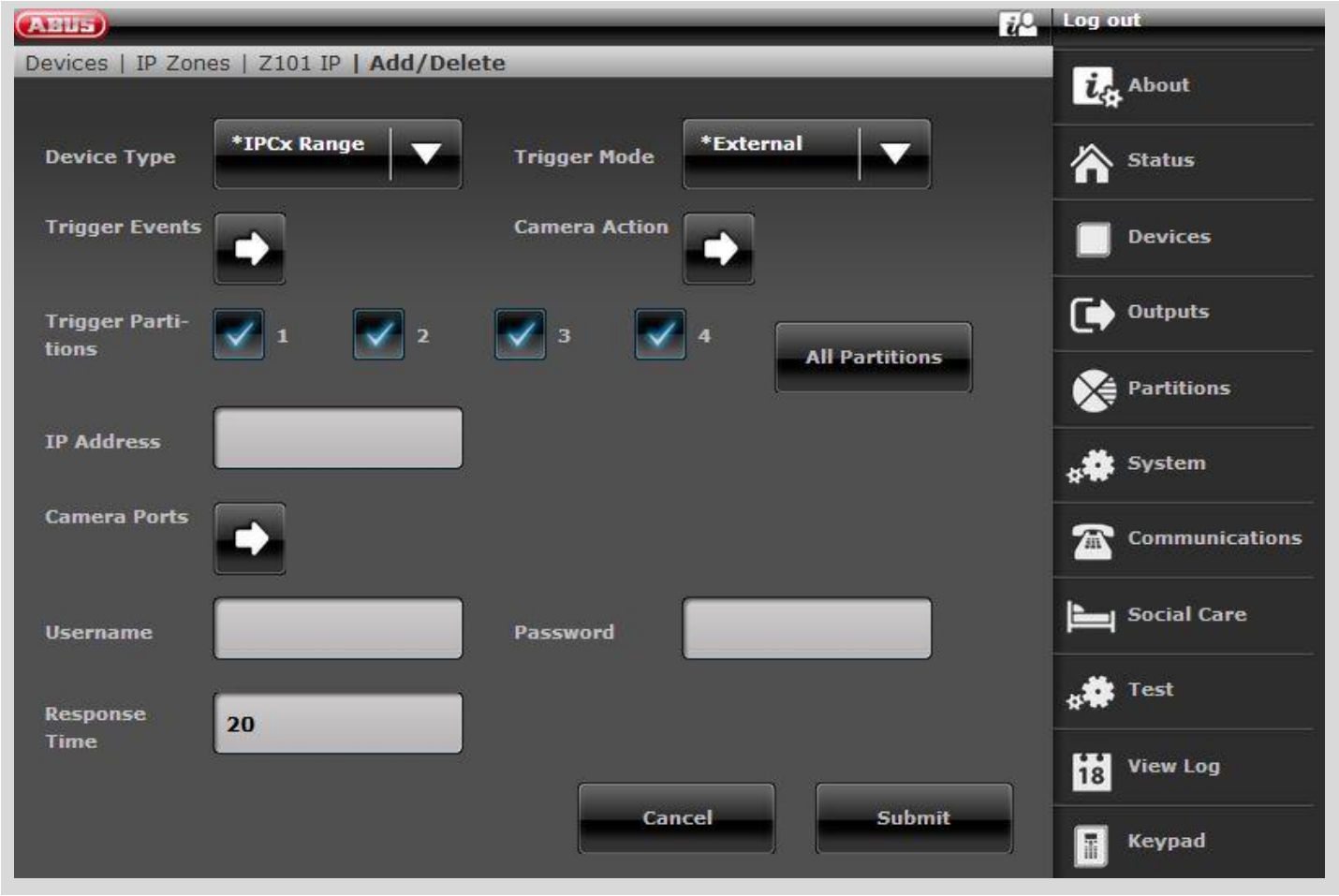
Compatibility with the IPCx camera range

- Integration of up to 6 cameras
- External recording triggers from alarm pictures and/or video streams
- Recordings from the IPCxyyyyy are stored on the camera's integrated SD card
- Recordings (videos/pictures) from the IPCxyyyyyy cameras can only be called up via the camera's web server or via the ABUS iDVR App (not via the alarm control panel log book)
- URL/link to the camera in the log book for all events for which there are recordings available

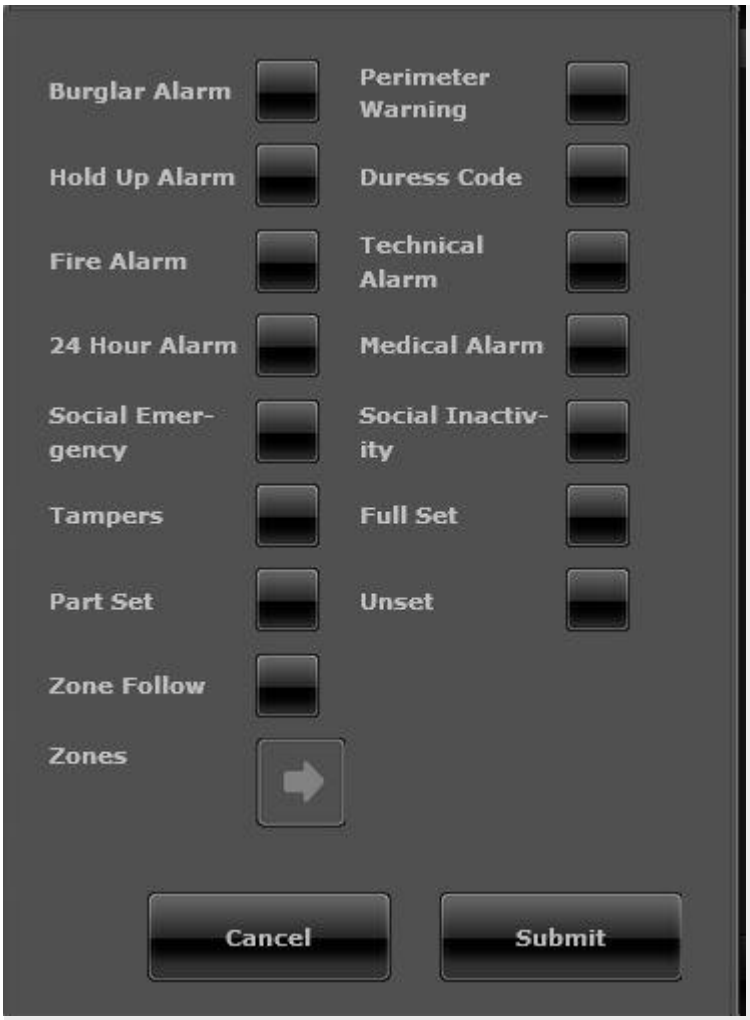
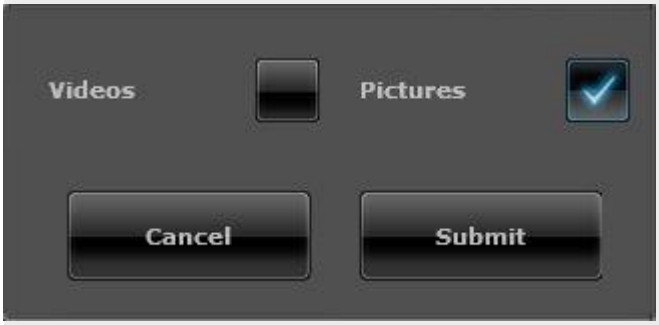
Add/delete

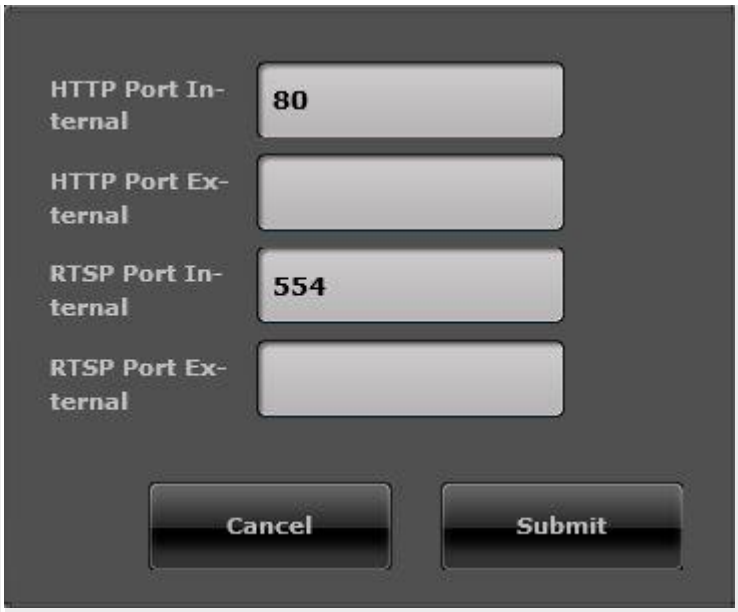
Select the desired IP zone in the menu "Devices" → "IP Zones". Use the "Add/delete…" button to open the following view where devices are integrated:





Name/function	Explanation
Device Type	Camera TVIP41550 IPCx Range
Trigger Mode	**Internal** TVIP41550 only The camera starts recording as soon as the integrated PIR sensor is triggered. **External** The camera starts taking pictures or recording video (IPCx range) as soon as one of the defined trigger events occurs on the alarm panel. **Int. + Ext.** TVIP41550 only The camera starts recording as soon as the integrated PIR sensor is triggered or one of the defined trigger events occurs on the alarm panel.
Trigger Events	**(for "External" or "Int. + Ext." trigger mode only)** Events which cause the camera to start taking pictures or recording video (IPCx range).

	
Camera Action	IPCx range **only** Pictures and/or videos will be taken/recorded. 
Trigger Partitions	**(for "External" or "Int. + Ext." trigger mode only)** Partitions to be monitored when trigger events occur.
IP address	IP address of the camera in the internal network
Camera ports	



HTTP Port Internal	HTTP port of the camera in the internal network (default setting: "80")
HTTP Port External	External HTTP port for which port forwarding in the router is configured
RTSP Port Internal	RTSP port of the camera in the internal network (default setting: “554”)
RTSP Port External	External RTSP port for which port forwarding in the router is configured
User name	TVIP Default setting "Root" SW >= 1.01.00: no user name is assigned **Danger** IP cameras, e.g. IPCB42500A Use user names from the camera "installer level". The system thus has access to the SD card in the event of an alarm. User names from the camera "master level" do not have access to the SD card.
Password	Default setting – no password assigned
Reaction time	Indicates the maximum amount of time that the alarm panel will wait for command responses from the camera. If the response time exceeds the configured time, a fault indication will be generated. Default setting – 20 s, range of 1 s to 99 s

Apply the settings with the "Submit" button.

Assigning a zone name

Note
It is useful to assign unique zone names so that if a fault occurs it is easier to identify the affected detector.
Example: MD stands for motion detector, location: office01, so detector name is **MD-office01**

1. Click in the **Name** text field.
2. Delete the preset name (Zone 01).
3. Assign a unique name for the zone with max. 12 characters.
4. Confirm the new name once the configuration is complete by selecting **Submit**.

Selecting the zone type

Note

The preset zone type can be changed here.

Note the description of the zone types in this section.

A **zone** is a **detector** that is taught into the **wireless alarm panel**.

Zones can have different attributes.

The detector does not know whether the wireless alarm panel is armed or disarmed.

For this reason, detectors always send an alarm to the alarm panel if they register a change.

The alarm is only then analysed in the wireless alarm panel to determine whether the notification triggers an alarm response or not.

1. Select menu item **Type**

Note

Please not that the status of a zone (open or closed) must be kept for at least > 400 ms to ensure the alarm panel is able to detect the status change.

EN 50131-1 Chapter 8.9.1 Break-in detection, tampering, triggering and detecting faults – time requirements: "Break-in, intrusion and tempering signals with an active duration of over 400 ms must be processed."

Type	Explanation
Not used	A zone that is not used because no wireless detector is taught in (no "radio detector learned") or because its input is not wired to a detector should be configured as zone type "Not Used". The alarm system does not respond when an event triggers a detector in this zone.
Normal Alarm	If the wireless alarm panel is armed, this zone immediately triggers an alarm if a wireless detector sends a change to the alarm panel or the status of the alarm zone changes (e.g. alarm contact opens).
	Note Zone type "Normal Alarm" with additional functionality of pry-attempt monitoring for ABUS mechatronics products such as the FOS 550 E window bar lock, additional door lock or FOS 400 E window lock. If using a mechatronics product intended for Secvest, configure zone type "Normal Alarm" in the alarm panel. When the alarm panel is disarmed, these detectors are monitored both for pry attempts and opening. For this, the window must be closed and the lock secured. Monitoring begins 30 seconds after locking, as a self-calibration time of 30 seconds is required. If the mechatronic additional lock is unlocked, monitoring stops. If an attempt is made to open the window without first unlocking the additional lock, an alarm may be triggered by the movement of the window leaf. Pry-attempt monitoring can be disabled in the attributes (see "Zone attributes" below). A passive glass breakage detector can also be connected to some mechatronic products. This detector sends an alarm when it detects glass breakage, which always leads to an alarm response on the alarm panel. The alarm panel carries out actions intended for an armed or disarmed status.
Zone Lock	The zone must be locked (closed) in order to arm or internally arm the wireless alarm panel. If the wireless alarm panel is armed or internally armed, opening this zone does not trigger an alarm. This zone is used with lock switch contacts. **Note** This zone type was used in the Secvest 2WAY as a zone attribute rather than a zone type.
Exit Norm Alm	A zone configured as "Exit Norm Alm" behaves similarly to a "Normal Alarm" zone. A zone of this type, however, starts an alarm even when the detector is triggered during the exit time.

Type	Explanation
Panic alarm	This zone always triggers an alarm, regardless of whether the alarm panel is armed or disarmed. A hold up alarm can also be transmitted silently (communications). The configuration menu can only be exited when this zone is closed. Teach in the hold up button (wireless or wall) in this zone.
Fire	This zone always triggers an alarm, regardless of whether the alarm panel is armed or disarmed. The alarm is triggered via the sounder in the wireless alarm panel, on the outdoor siren (external siren) and other sounders as a pulsed fire alarm sound. Teach in only smoke alarm devices or fire alarm buttons in this zone. This zone always triggers a communication if these are enabled. **Note** regarding Partition -> Alarm reaction The fire zone type, the fire double keys on the alarm panel and the fire double keys on the control panel **always** trigger an ARC/ESCC reporting if the call mode for ARC/ESCC reporting is enabled and if the "Fire" group is enabled for CID/SIA events. Example: Partition X -> Alarm reaction -> Siren Fire alarm transmission to ARC/ESCC
24 Hour Alarm	This zone always triggers an immediate alarm. When the alarm panel is disarmed, the alarm is first triggered via the integrated sounder in the alarm panel. When the alarm panel is armed, the siren output is also activated. If a 24 hour zone is disabled, it is only disabled when the alarm panel is disarmed.
Perimeter Warning	This zone triggers a pre-alarm when the alarm system is armed or internally armed. The alarm panel beeps twice every five seconds. "Perimeter Warning" appears on the display every five seconds. Teach in outdoor motion detectors in this zone, for example. The wireless outdoor sirens flash and sound for approx. 1 s every five seconds. The info module beeps every 1 s and the red alarm LED lights up. The indoor siren sounds every 1 s. This siren must be supplied by a power supply unit for this purpose, however, and the "alarm only" jumper must not be connected. (This tone is an "info" tone rather than an "alarm" tone.) All signals are active for a duration of 30 s. A "Perimeter Warning" output is activated for 30 s. When the system is disarmed only the doorbell ("chime") sounds, if configured.
Final Door	When the alarm panel is armed, this zone triggers an alarm once the set delay time (entry delay) has expired. Use this zone type for the magnetic contact on the entrance door, for example. When exiting the premises, closing this zone can also be used to end the exit delay. This detector can be used as a "Normal Alarm" when the system is armed internally.
Entry Route	This zone does not trigger an alarm if a "Final Door" zone has previously activated the entry delay time. An immediate alarm is triggered if no entry delay has previously been activated. Use this zone type for a motion detector in the entrance area, directed at the entrance door (which is fitted with a magnetic contact), for example. This detector can be used as a "Final Door" detector when the system is armed internally. It is possible to exit the configuration menu when this zone is open.
Technical Alarm	A "Technical Alarm" zone triggers an alarm and communication when the system is disarmed. When the system is armed, only communication is sent; no alarm is triggered. If an alarm is triggered in this zone when the system is armed, it is displayed on the alarm panel when the system is disarmed. Use this zone type for flood detectors, for example. The wireless info module and the wireless indoor siren signal technical alarms with beeps, like the alarm panel.
Key Switch (Moment.)	Teach in a (momentary) key switch on the wireless alarm panel. A change to this zone changes the status of the alarm panel from **Enabled** to **Disarmed**, or from **Disarmed** to **Enabled** (in accordance with the programmed output mode).

Type	Explanation
	 Note So-called key switches can also be outputs for applications in access control and home automation. **Note** With the zone attribute **"Part Set" = ON** A change to this zone changes the status of the alarm panel from **Part Set** to **Disarmed**, or from **Disarmed** to **Part Set** (in accordance with the programmed output mode). **Note** The attributed "**inverted"** (only for wired zones) switches the behaviour of this zone. **Note** Implement cable tamper monitoring for wired zones of this type, particularly for access control and home automation applications. The user cannot reset the system from a key switch zone.
Key Switch (Latched)	A (latched) key switch can be connected to the alarm panel. A change to this zone changes the status of the alarm panel from **Enabled** to **Disarmed**, or from **Disarmed** to **Enabled** (in accordance with the programmed output mode). **Note** Do not assign more than one "Key switch duration" to a partition. Note that the alarm panel is only operated via the key switch. When the status is not known, e.g. when the key switch is closed but disabled on the control device at the same time, the alarm panel may return to the "Set" status. **Note** So-called key switches can also be outputs for applications in access control and home automation. **Note** With the zone attribute **"Part Set" = ON** A change to this zone changes the status of the alarm panel from **Part Set** to **Disarmed**, or from **Disarmed** to **Part Set** (in accordance with the programmed output mode). **Note** The attributed "**inverted"** (only for wired zones) switches the behaviour of this zone.

Type	Explanation
	Note Implement cable tamper monitoring for wired zones of this type, particularly for access control and home automation applications. The user cannot reset the system from a key switch zone.
Key Box	This zone is mainly used in Scandinavia. If this zone is opened, this event is saved in the alarm panel memory. It can also be transmitted via the telephone dialler at the same time. It does not trigger an alarm. If a zone of this type is required, the installer usually connects the alarm wires of this zone (usually the auxiliary contacts of a door contact) to an external key box and the tamper wires to the tamper switch of the housing. If the housing is opened, the wireless alarm panel saves the event and reports it to the alarm reception centre.
Tamper Activated	This zone is used for tamper monitoring of external devices. Monitoring of this zone is permanently enabled. If the alarm panel is disarmed, only the internal siren is triggered. If the alarm panel is armed, the external siren and strobe are triggered and communication is sent according to the configuration.
Log only	If a "Log Only" zone is triggered (alarm or tampering), only a log book entry is created and an output that follows this zone is triggered. The zone can be triggered when the alarm panel is armed or disarmed. "Log Only" zones can be assigned to multiple partitions and can have the "Chime" attribute.
Exit Terminate	This zone is used to cancel the exit delay for a partition with the "Exit Terminate" attribute. This zone type is typically used for key switch (NO). Note: this zone is enabled during the exit time but disabled when the wireless alarm panel is armed or disarmed. If the "Chime" attribute is assigned to this zone, the doorbell sounds both when the wireless alarm panel is armed and disarmed.
Lock Set	This zone is used to cancel the exit delay for a partition with the "Lock Set" attribute. This zone type is typically used for a switch (NO). Note: this zone is enabled during the exit time and when the wireless alarm panel is armed. This zone can be assigned to the "Inverted" attribute.
Ext WD Fault	This zone is used to monitor the fault output of external sounders. If a fault output with this zone type is triggered, "Ext WD Fault" appears on the display. This zone type is not available for wireless zones.
HUD Fault	This zone is used to monitor the fault output of wired hold up signalling devices. If a hold up device with this zone type is triggered, "HUD Fault" appears on the display. This message also appears on the display if the user tries to arm the wireless alarm panel while an alarm is active. The user can override the fault and arm the system. If this fault is triggered while the system is armed, a log book entry is created and the communication configured accordingly is started, but no alarm is triggered until the wireless alarm panel is disarmed. This zone type is not available for wireless zones.
Tamper Return	This zone is used to monitor the tampering output of external sounders. Monitoring of this zone is permanently enabled. If a zone with this type is triggered when the wireless alarm panel is disarmed, only the internal siren is activated. If this alarm is triggered when the system is armed, the communication can be sent if configured accordingly and external sounders with strobe can be triggered. This zone type can have the following attributes: "Soak Test", "Part Set", "Omittable" and "Force Set". This zone type is not available for wireless zones.
Ext PSU A/C fault	This zone is used to monitor the AC fault output of an external power supply. If a zone of this type is triggered, the wireless alarm panel reacts as if there were a "Panel A/C fault" on the panel itself. The response depends on the configuration. This zone type is not available for wireless zones.
Ext PSU Batt Fault	This zone is used to monitor the battery-fault output of an external power supply. If this fault is triggered, outputs configured for "Battery Fault" are activated and "Ext PSU Batt Fault" appears on the display. If this fault is triggered while the system is armed, a log book entry is created and the communication configured accordingly is started, but no alarm is triggered until the wireless alarm panel is disarmed. This zone type is not available for wireless zones.
Ext PSU Low Volts	This zone is used to monitor a fault output for "low battery" of an external power supply. If this fault is triggered, outputs configured for "Low Volts" are activated and "Ext PSU Low Volts" appears on

Type	Explanation
	the display. If this fault is triggered while the system is armed, a log book entry is created and the communication configured accordingly is started, but no alarm is triggered until the wireless alarm panel is disarmed. This zone type is not available for wireless zones.
Ext PSU Fault	This zone is used to monitor the fault output of an external power supply. If this fault is triggered, outputs configured for "Ext PSU Fault" are activated and "Ext PSU Fault" appears on the display. If this fault is triggered while the system is armed, a log book entry is created and the communication configured accordingly is started, but no alarm is triggered until the wireless alarm panel is disarmed. This zone type is not available for wireless zones.
Only enabled	This zone is used to ONLY ENABLE the alarm panel for access control and home automation applications. With this zone, the alarm panel CANNOT BE DISARMED due to EN 50131 and VdS requirements. Clear user authentication or user identification is not always available in home automation. An output of an access control or home automation application can be connected to the burglar alarm system. A change to this zone changes the status of the alarm panel from **Disarmed** to **Enabled** (in accordance with the programmed output mode). **Note** Please note that the access control or home automation application in this zone must be closed again after a specified period (but > 400 ms). When the status is not known, e.g. when the zone is open but disabled on the control panel at the same time, the alarm panel may return to the "Set" status. **Note** With the zone attribute **"Part Set" = ON** A change to this zone changes the status of the alarm panel from **Disarmed** to **Part Set** (in accordance with the programmed output mode). **Note** The attributed "**inverted"** (only for wired zones) switches the behaviour of this zone. **Note** Implement cable tamper monitoring for wired zones of this type, particularly for access control and home automation applications. The user cannot reset the system from an Only enabled zone.

Selecting a partition

Note
The taught-in detectors are assigned to **Partition 01** by **default**.
To assign the detector to another partition, proceed as follows:

1. Use the checkboxes to select the desired **partition(s)** in which this zone will be monitored.

Note
At least one partition must be selected.

A settings option for the partitions can be found in the section "Configuring Secvest via web server -> Partitions" in this guide.

Zones of the following types can be assigned to one or more partitions: Normal Alarm, Zone Lock, Final Door, Entry Route, Key Switch, Key Box, Log Only, Exit Terminate, Lock Set and Exit Norm Alm.

Note
If you plan on using internally armed partitions, you must ensure that the internally armed options are the same for all zones used for more than one partition.
The wireless alarm panel does not allow zones of the following types to be assigned to more than one partition: 24 Hour Alarm, Fire Alarm, Hold Up Alarm, Perimeter Warning, Tamper and Technical Alarm.

Selecting zone attributes

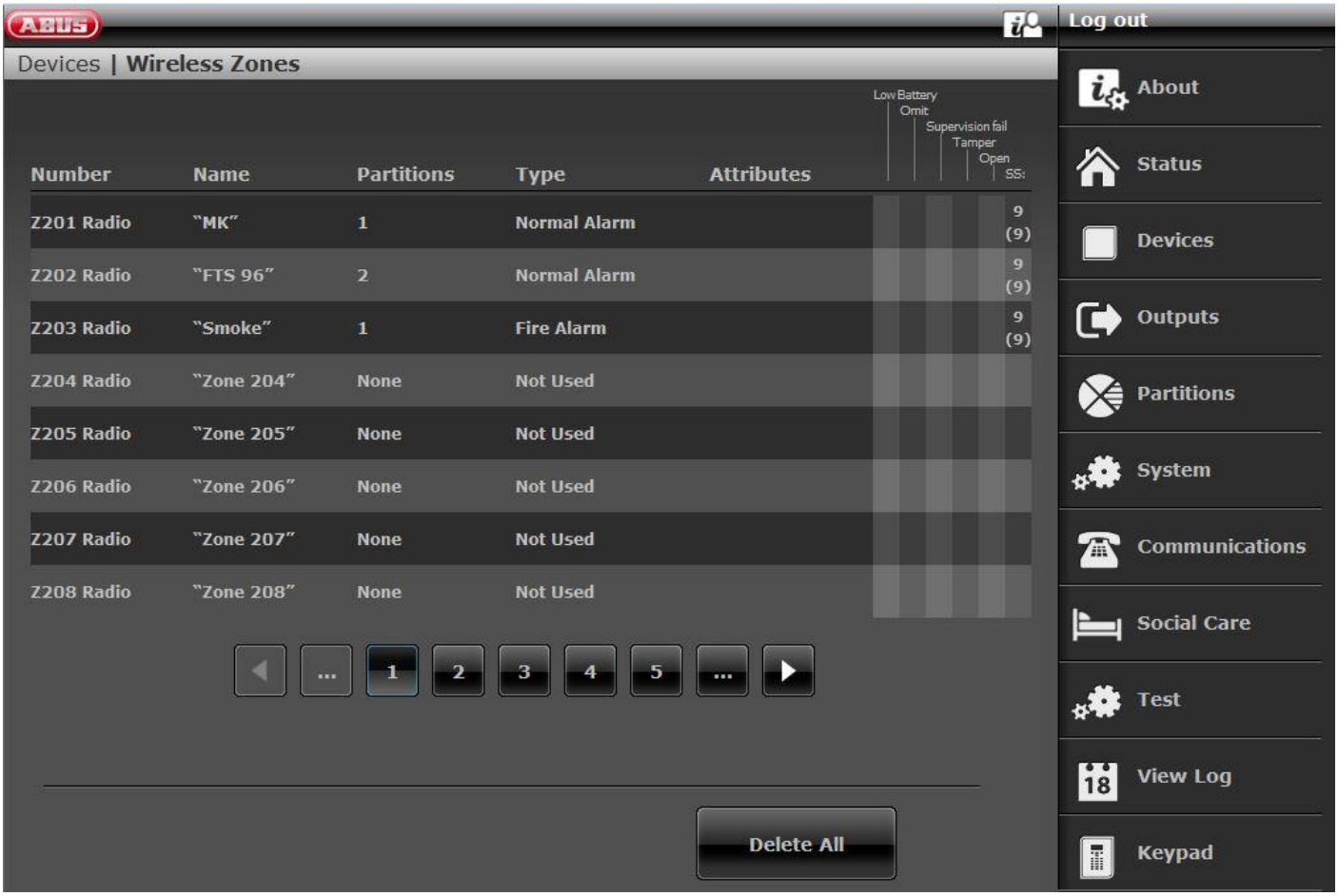
1. Use the checkboxes to select the desired **attribute(s)**.

Attribute	Explanation
Supervision	**for IP zones** If a camera has had no contact with the alarm panel for longer than the reaction time, the alarm panel creates a log entry and indicates a warning (e.g. IP Zone Missing, IP-Zone Timeout). **for wireless zones** This attribute is available for wireless zones and enables monitoring to be blocked for individual zones. For the ON setting (standard setting), the monitoring for this zone corresponds to the selected global option in System -> Security -> RF Supervision. When the setting is on OFF, the monitoring for this zone is disabled.
	In wired zones: not available In HyMo zones: not available
Chime	Each time this zone is triggered when the alarm panel is disarmed, the panel sounds an acoustic signal.
Force Set Omit	If a zone is given this attribute, this zone is automatically omitted if it was open when the system was armed. **Note** The **Force SetOmit** function must **also** still be activated in menu **System -> Security Settings -> Force Set**.

Attribute	Explanation
Omittable	If a zone is given this attribute, a user can omit this zone before arming the system. If a user attempts to arm the system when a zone with this attribute is open, a warning appears and the arming process is interrupted. The user can acknowledge this warning and continue the arming process.
Dis. Sabotage	This attribute is an additional attribute for mechatronic ABUS door and window locks. The "Normal Alarm" zone type must be selected. When the "Dis. Sabotage" attribute is selected, pry-attempt monitoring of the supported mechatronic products is switched off when the alarm system / the partition is **disarmed**. This attribute is not recommended and is only necessary is special cases. A "W" appears in the attribute line on the alarm panel display. **Note** Conversely, if the system activates the partition or is internally activated (even if the detector is not being monitored), an entry attempt is detected and signalled.

Soak Test	If a detector tends to trigger a false alarm, activate the soak test. This setting resets automatically after 14 days. The detector **does not trigger any alarms** on the alarm panel during this time. However, all triggers are written to the memory (log book) for analysis purposes. **Note** If the zone is triggered within these 14 days when the system is activated, the arming of system will log the event as “soak test fault Znnn alarm” (nnn is the zone number). No sirens will be actuated or communications started. If the alarm panel is deactivated, the display will show a triangular symbol to inform the user. An **installer** must enter **their access code** to reset the alarm. When activated, the display will show a short message to inform the user that one or more zones are in the soak test. You can use this attribute for the following zone types: Normal alarms, entry route and tamper. **Note** The **Soak Test** function should only be set if a detector tends to trigger **false alarms**.
	This function works automatically. To test the range of the detector, use the "walk test" function and do **not** activate the soak test, as this function **stops the detector from triggering any alarms when the wireless alarm system is armed** and only saves a message to the memory instead. After 14 days the wireless alarm system resets the zone and brings it back to normal operation.
Part Set	This zone is monitored when the partition of this zone or all partitions are internally armed.
Activity Mon.	The function of the detector is reversed (inverted). **This should only be used in connection with the social care emergency call.** An alarm is triggered on the alarm panel when the detector does not register any alarm within a certain time period.
Inverted	Only in wired zones Switches the behaviour of the indicator. Closed = alarm Open = no alarm

Wireless Zones



Name/function	Explanation
Number	The number comprises the zone name and the component type (wireless/radio).
Name	Unique name of the zone
Partition	Partition of the individual zone
Type	Type of the individual wireless zone
Attributes	Overview of the attributes for the individual wireless zone

Note
The description of the configuration of the zone name, partition, zone type and zone attributes can be found after the "IP zones" overview.

Add/Del Detectors

1. Select menu "Devices" → "Wireless Zones".
2. The following function is available:

Function	Explanation
Add/Del Detectors	Select this item to view a list of all available zones. Select a zone in which you wish to program a detector or from which you wish to delete a detector.

Function	Explanation
Edit Zones	This function provides the option of changing the parameters of the zone.
Delete All	All detectors can be deleted in one step. The zone type is reset to "Not Used".

Adding detectors

1. Select a zone.
2. You will be prompted to enable the tamper contact of the detector.

Note
Ensure that no other active detector has the tamper status.

Note

After programming via the WBI, you still need to configure the zone.

3. This display shows:
   - the zones in which the detector has been taught in
   - the zone type configured for this detector
   - the partition this detector monitors
   - the additional zone attributes that are available.
4. In addition, “RSSI:” (received signal strength) is displayed. To have good communication, this value should be higher than 3.

Note
If a detector has been successfully taught in, the alarm panel displays the symbol ⊡ next to the zone number.
For a taught-in zone with a WAM (WAM function 3 sender receiver), "w2" is displayed, for example.

Detector is already used

Note
In rare cases, the message **Detector is already used** may appear on the display when you are teaching in a detector, after you have received confirmation of the teach-in process, because the detector sends its signal more than once.
In this case the message can be ignored.

This detector may already be taught in another zone.

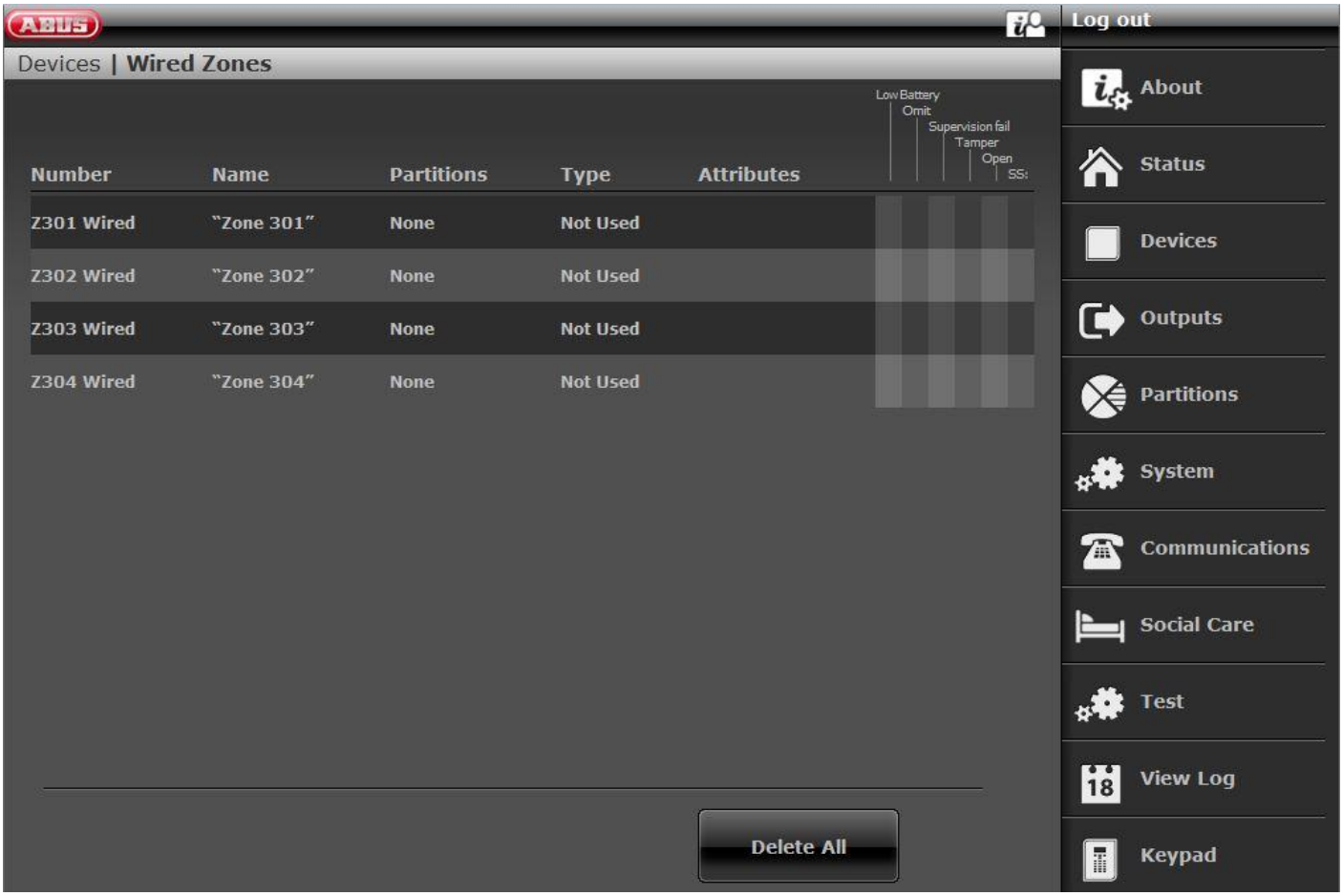
Deleting detectors or detector + zone information

1. Select the zone in which the detector is registered.
2. Select:
   - **Delete Detector ID** when you only wish to delete the detector
   - **Default Zone** when you wish to delete the detector and the zone information.
3. Confirm the selection with **Next**.
4. Confirm the security prompt with **Yes** to delete the detector/zone or **Back** if you are not sure.

Clear all

1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete the detector/zone or **Back** if you are not sure.

Wired Zones



Name/function	Explanation
Number	The number comprises the zone name and the component type (wired).
Name	Unique name of the zone
Partition	Partition of the individual zone
Type	Type of the individual wired zone
Attributes	Overview of the attributes for the individual wired zone

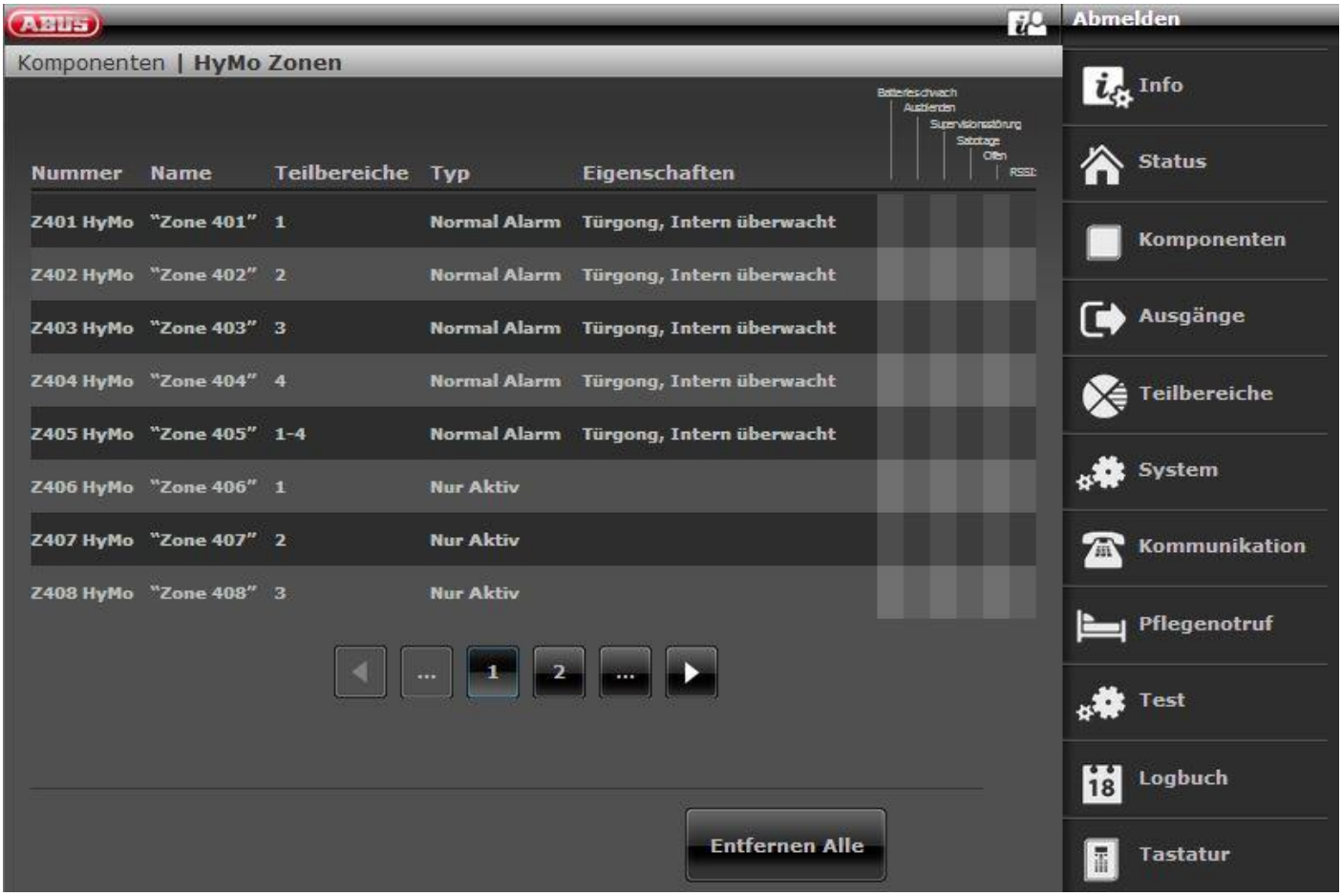
Delete All (alarm panel only)

1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete the detector/zone or **Back** if you are not sure.

Note

The description of the configuration of the zone name, partition, zone type and zone attributes can be found after the "IP zones" overview.

HyMo zones



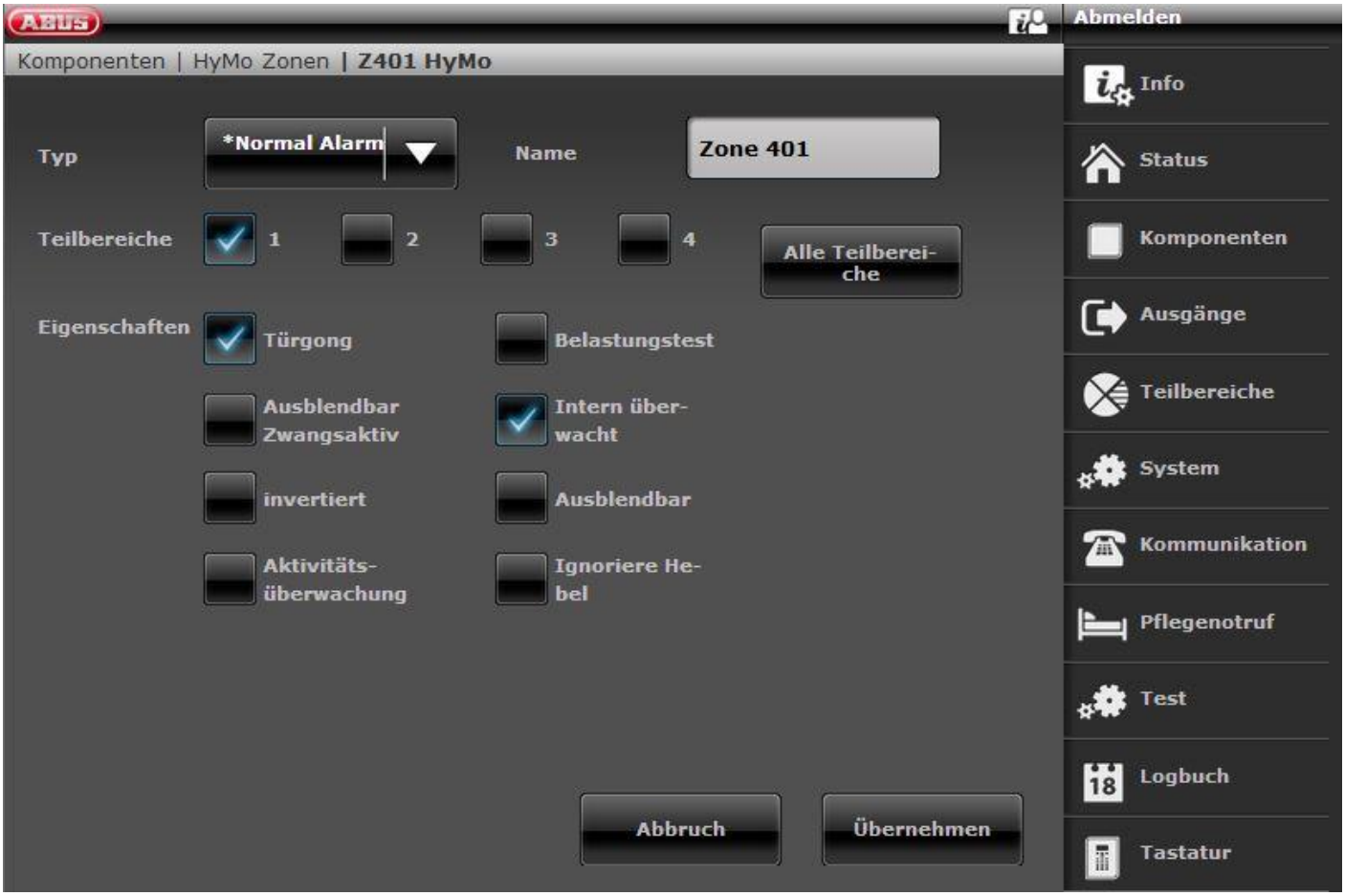
Name/function	Explanation
Number	The number comprises the zone name and the component type (HyMo).
Name	Unique name of the zone
Partition	Partition of the individual zone
Type	Type of the individual HyMo wired zone
Attributes	Overview of the attributes for the individual HyMo wired zone

Delete All

1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete the zone or select **Back** if you are not sure.

Note

The description of the configuration of the zone name, partition, zone type and zone attributes can be found after the "IP zones" overview.



Note

S/W >= 3.01.16

Zones on the hybrid module can only be assigned to the partitions to which the HyMo is also assigned.

Example: If you have selected partitions 1 and 2 for the HyMo, zones on this HyMo can also only be assigned to partitions 1 and 2.

Refer to the assignment of partitions for the hybrid module. Notifications from the hybrid module, such as tamper or DC fault notifications, are then assigned to these partitions.

S/W < 3.01.16

Hybrid module zones can be assigned to other partitions but they should be hybrid module partitions.

Refer to the assignment of partitions for the hybrid module. Notifications from the hybrid module, such as tamper or DC fault notifications, are then assigned to these partitions.

Note

The wiring type (**Wired Zone Type**) for the zone inputs of this hybrid module can be set under **Components -> Hybrid Module**.

Note

Zones

Hybrid module 1

401 to 410 where 2-wire is chosen as the zone type

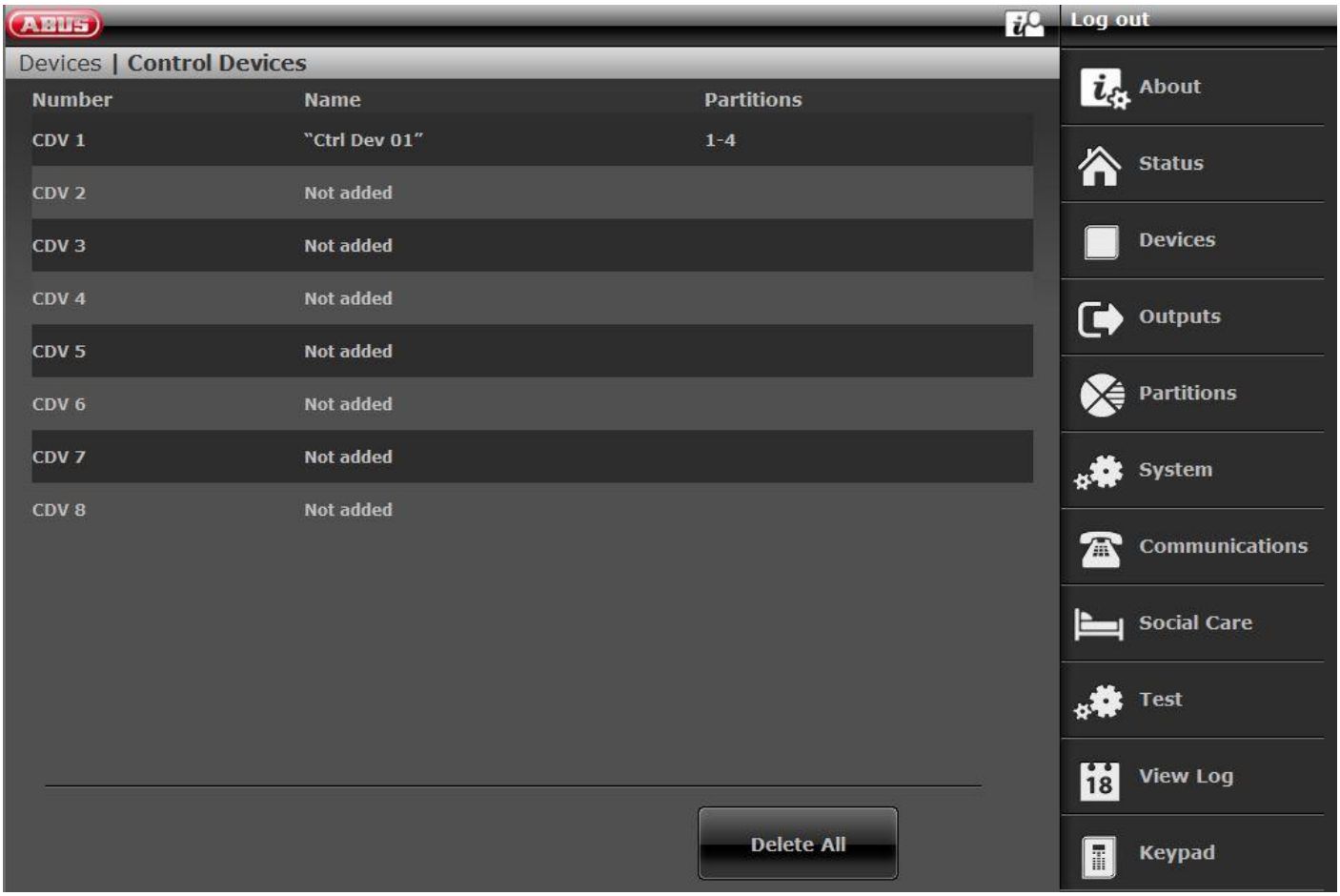
401 to 405 where 4-wire is chosen as the zone type

Hybrid module 2

411 to 420 where 2-wire is chosen as the zone type

411 to 415 where 4-wire is chosen as the zone type

Wireless control panel



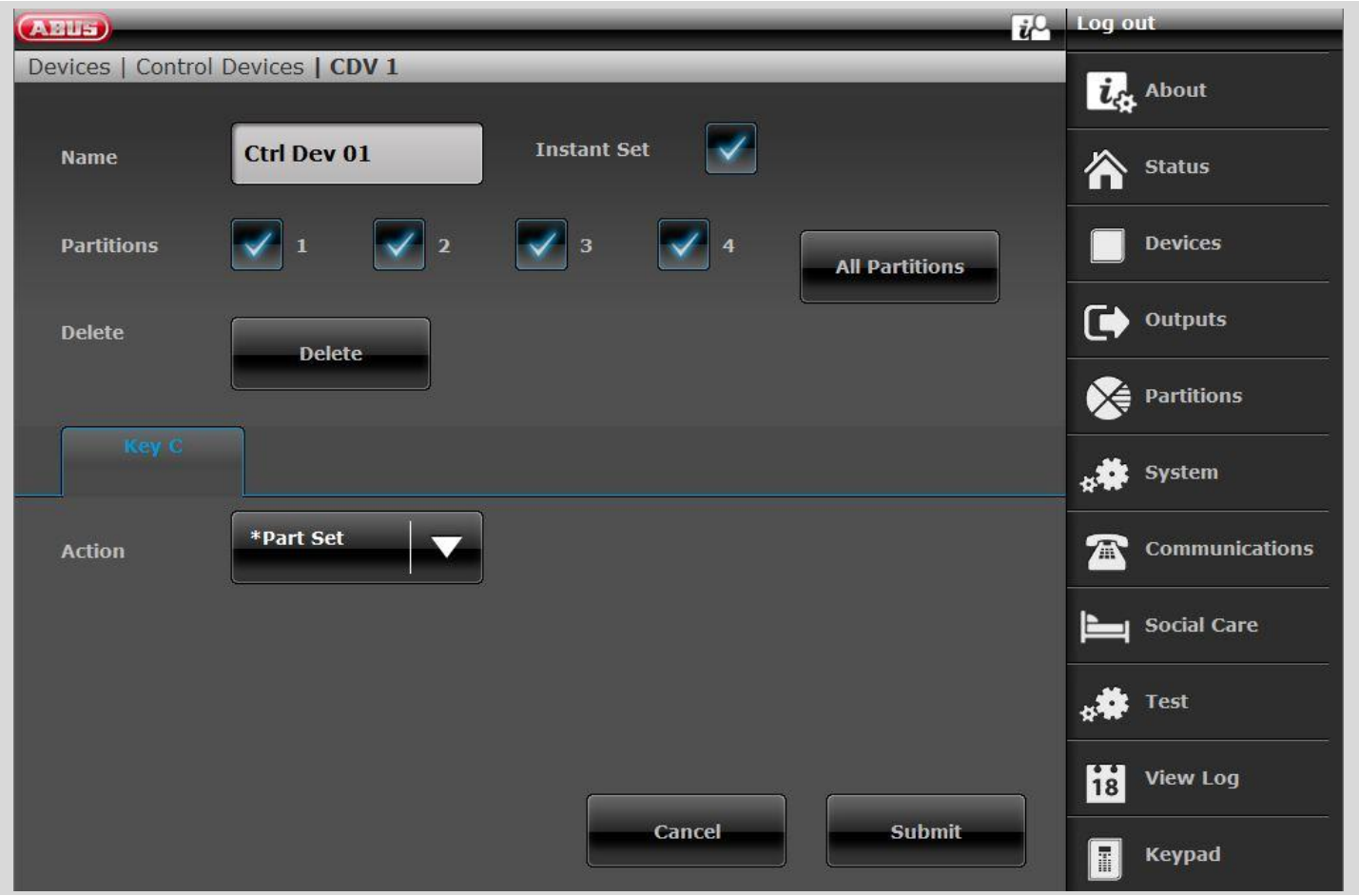
Name/function	Explanation
Number	The number comprises the component type (CDV) and a consecutive number.
Name	Unique name of the control device
Partitions	Assigned partitions of the individual control device

Add wireless control panel

Note
Up to eight wireless control devices can be taught in.

1. Select **Add/Del Ctrl Device**.
2. **Select** the corresponding control device.
3. Trigger the tamper contact of the control device (see separate instructions for the wireless control device).

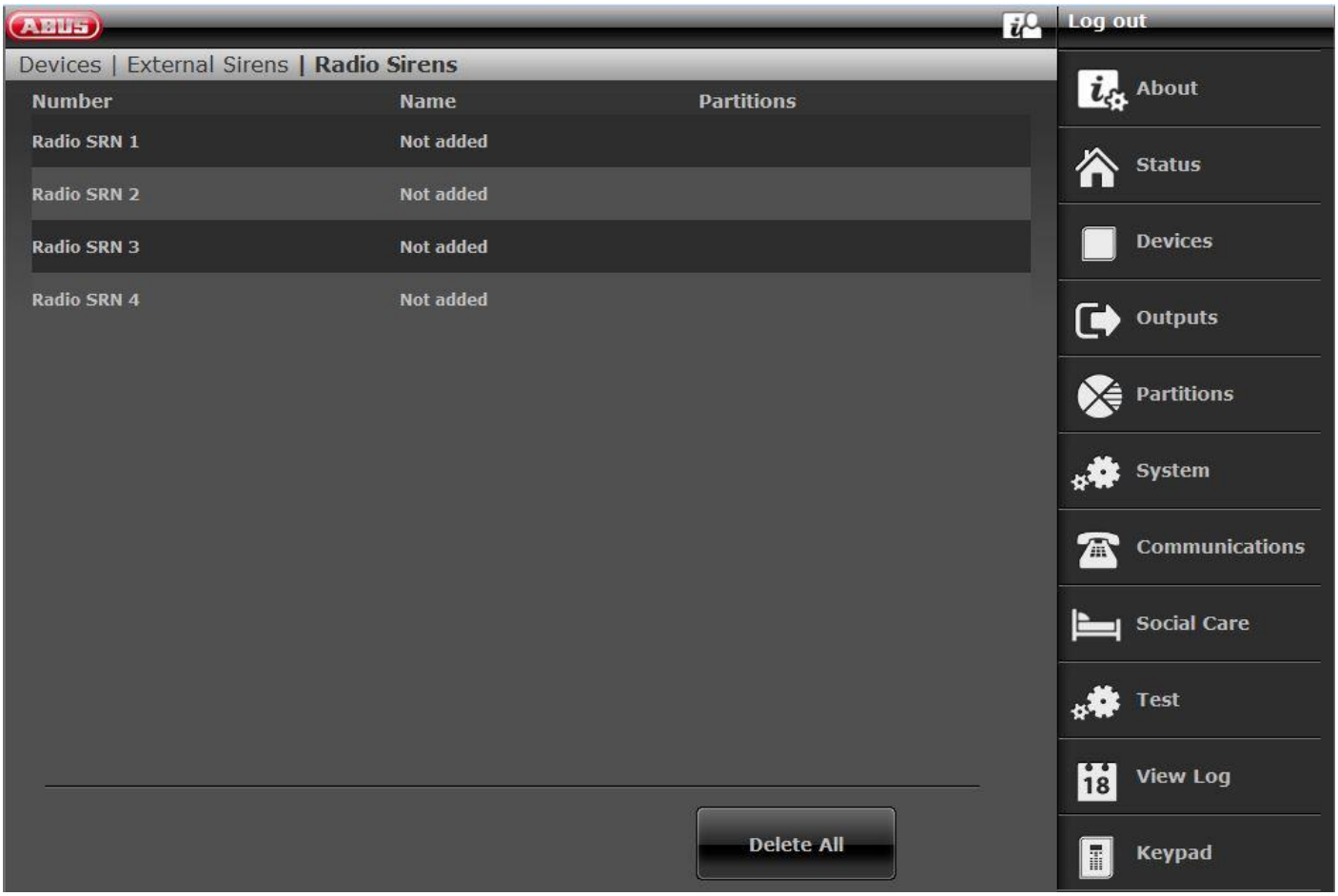
Note
When the wireless control device has been taught in, the wireless alarm panel beeps twice to confirm. At the same time, the symbol ⊡ appears next to the control device number on the graphical display above.



Name/function	Explanation
Name	Unique name of the control device
Instant Set	Immediate arming of the individually assigned partitions (**yes/no**)
Partitions	Assigned partitions of the control device
C button || Action	Selection of the action to be triggered when the "*" button is pressed:
	Not used C button has no function
	Set Arm the assigned partitions
	Part Set Internally arm the assigned partitions
	Unset Disarm the assigned partitions
	Output On Switch on the assigned output
	Output Off Switch off the assigned output
	Output Toggle Toggle the assigned output
output	**(only available for "Output On", "Output Off" and "Output Toggle")** Selection of the desired output to be switched on or off or toggled.

External Sirens

Wireless sirens



Name/function	Explanation
Number	The number comprises the component type (radio siren) and a consecutive number.
Name	Unique name of the radio (wireless) siren

Adding sirens

1. Select **Radio Siren**.
2. Select **Add/Del Siren**.
3. Select the corresponding siren.
4. Trigger the tamper contact of the siren.

Note
When the siren has been taught in, the wireless alarm panel beeps twice to confirm.
A message appears on the display to confirm that the siren was added, and the value for the received signal strength is shown.

5. Exit the entry with **Back**.

Note
If a siren has been taught in the symbol ⊡ appears next to the siren number on the alarm panel display.

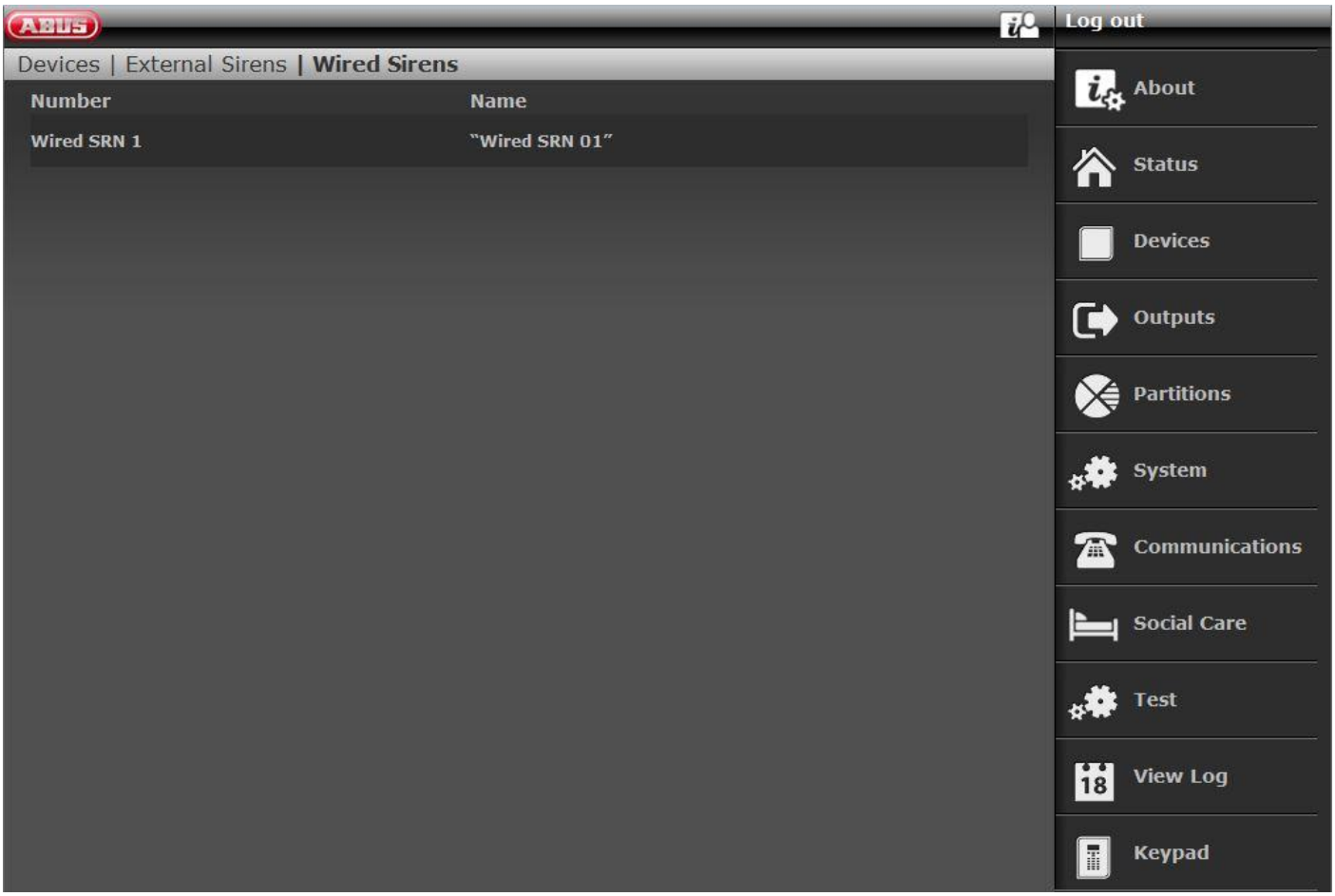
6. Exit this display with **Back**.
7. Select edit Ext. siren.
8. **Select** the taught-in **Ext**. **Siren.**

Note
If the external siren is activated, when the corresponding partition triggers a local or external alarm, the partition must be set to **Yes**.

Delete All

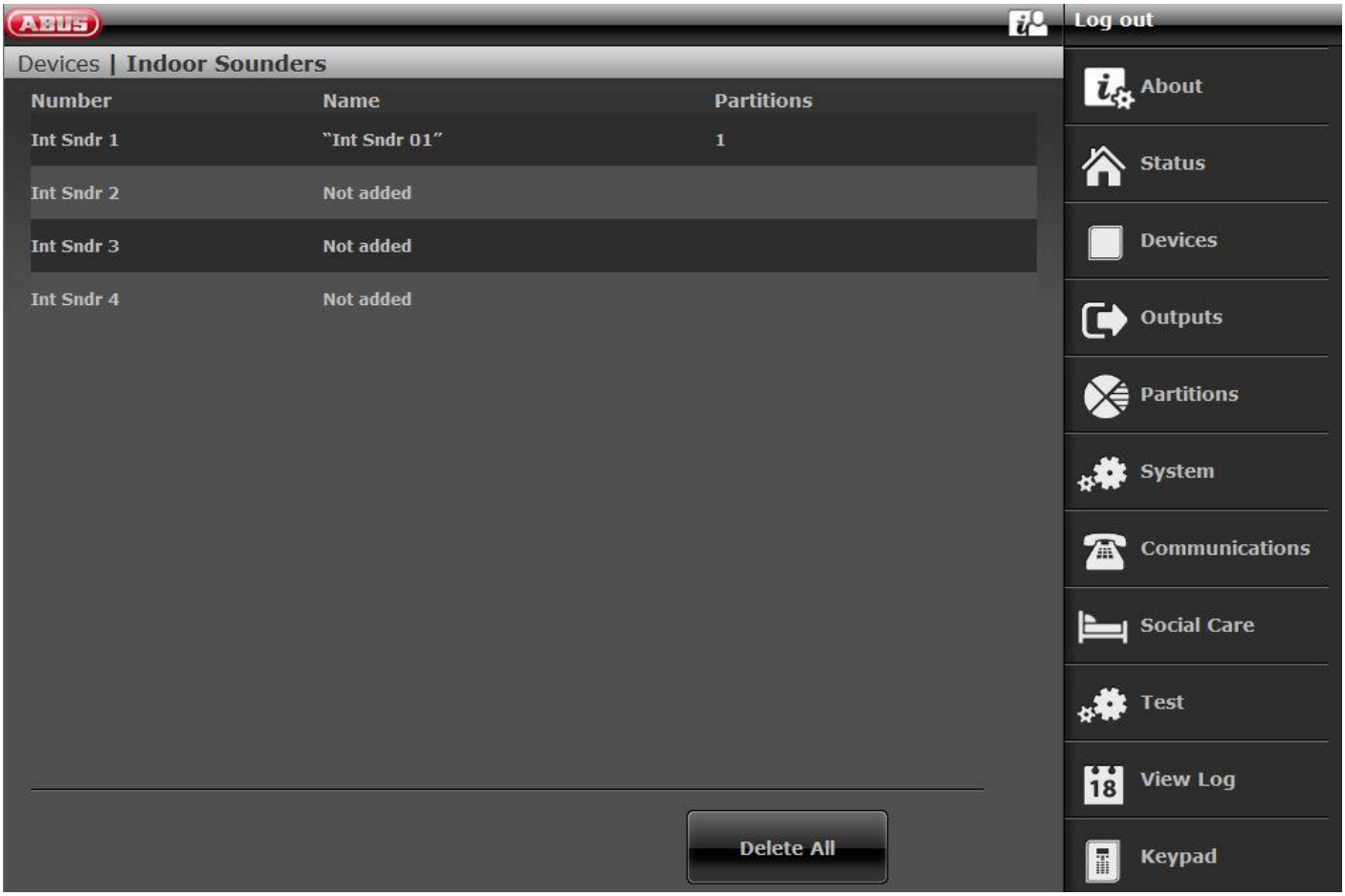
1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete the siren or **Back** if you are not sure.

Wired Sirens

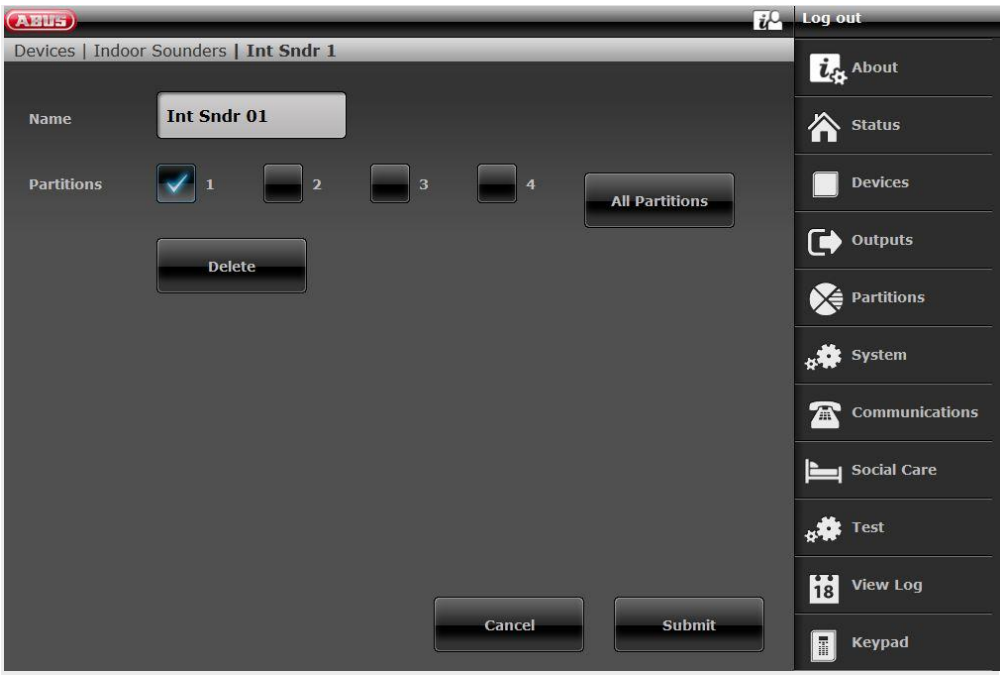


Name/function	Explanation
Number	The number comprises the component type (Wired SRN) and a consecutive number.
Name	Unique name of the wired siren

Indoor sounder



Name/function	Explanation
Number	The number comprises the component type (indoor SG) and a consecutive number.
Name	Unique name of the indoor sounder (maximum 12 characters possible).
Not added	By clicking on the respective indoor sounder, you will arrive at the “Add” mode. The following course of action is the same as is described above for programming in the web interface.
Int Sndr 1	By clicking on the respective indoor sounder, you will arrive at the “Edit” mode.



	The following course of action is the same as is described for the alarm panel's menu guidance below.
Delete All	Click on this field and in the next step confirm the security prompt to delete all indoor sounders.
Remove	Click on this field and in the next step confirm the security prompt to delete this indoor sounder.
Partitions	Numbers of the partitions to which the indoor sounder is assigned.

Add indoor sounder (alarm panel)

1. Select **Indoor sounder**.
2. Select **Add/Del.**
3. Select the corresponding indoor sounder.
4. Trigger the tamper contact of the indoor sounder.

Note
When an indoor sounder has been taught in, the wireless alarm panel beeps twice to confirm.
A message appears on the display to confirm that the indoor sounder was added, and the value for the received signal strength is shown.

5. Exit the entry with **Back**.

Note
If an indoor sounder has been taught in, the symbol ⊡ appears next to the indoor signal generator number on the alarm panel display
A maximum of **4** indoor sounders can be added

6. Exit this display with Back.

Edit

Select the corresponding indoor sounder.

The following sub-menu items appear.

Name:

Assign a unique name for this indoor sounder.

Delete All

1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete all indoor sounders. Select **Back** if you are not sure.

Danger

The settings in the user menu:

User menu -> Configuration -> Volume Settings

Operator Sounds

Info tones:

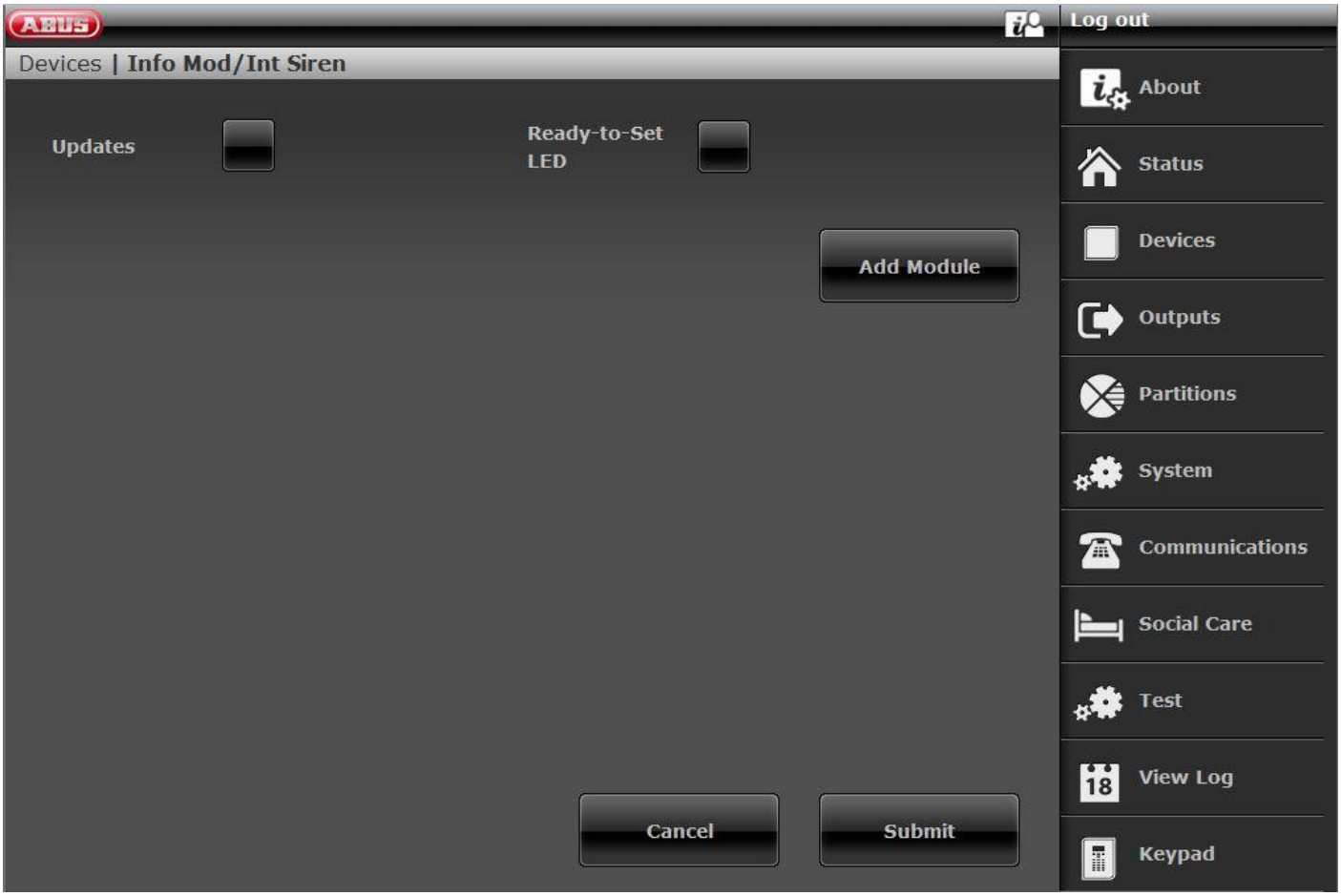
Alarm tones:

also affect the volume of the tones of the indoor sounder.

Note

If the indoor sounder is operated by battery only, only alarm tones are sounded. No operation tones or info tones are sounded.

Info module/indoor siren

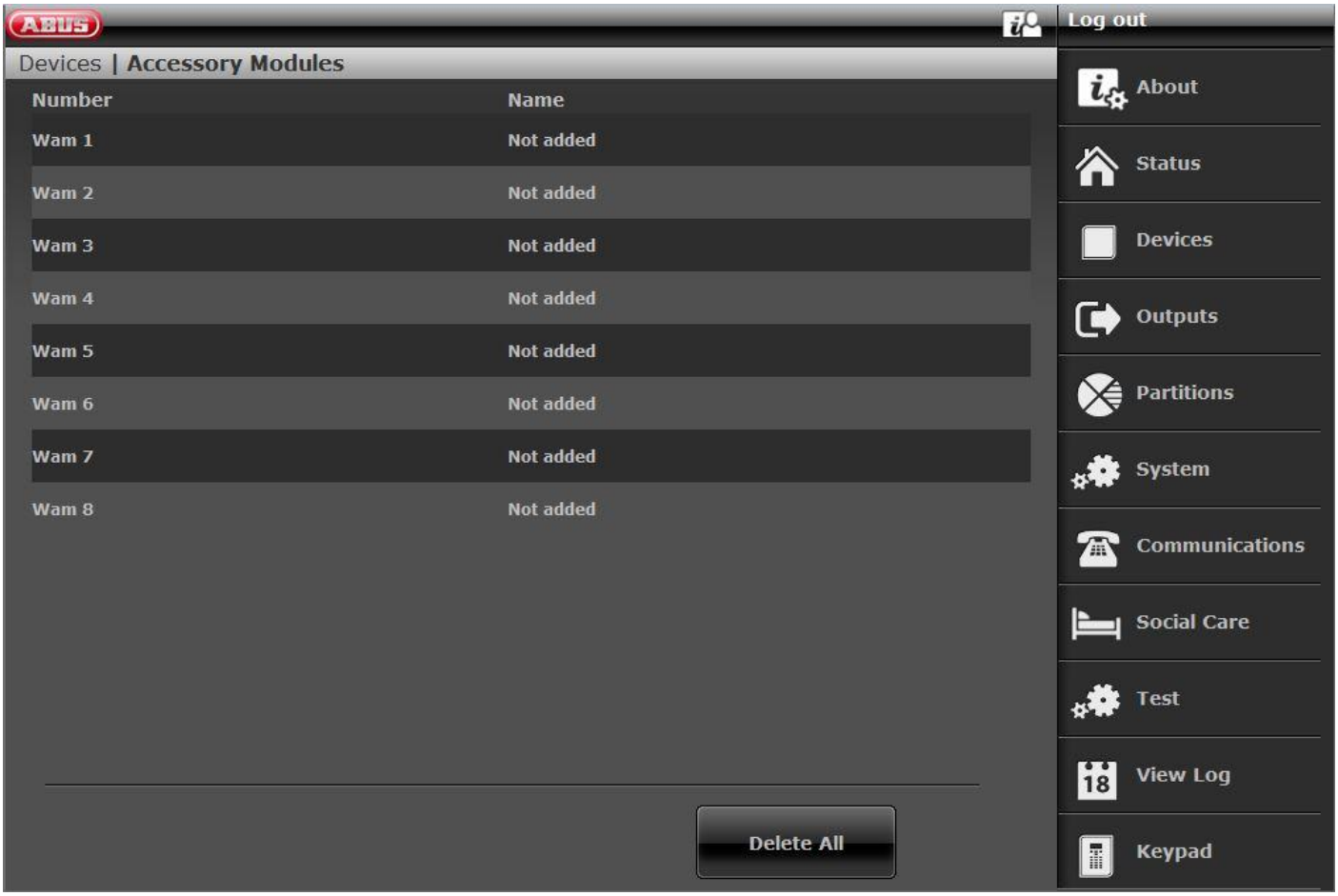


Name/function	Explanation
Updates	**Enabled** Status updates on the info module activated – a status change on the alarm system or zones is displayed "just in time". **Deactivated** No update on the info module and indoor siren – the indoor siren also does not trigger any alarm accordingly.
Ready-to-Set LED	**Enabled** Ready-to-Set LED activated on the info module. **Deactivated** Ready-to-Set LED deactivated on the info module.

Add Panel (alarm panel only)

1. After selecting this menu item, the following display appears:
   - Select Add/Del Siren.
2. Select the corresponding siren.
3. After selecting this menu item, the following display appears:
   - Is the receiver is teach-in mode?
4. Switch the indoor siren or info module to teach-in mode. Follow the instructions provided in the guide for the product.
5. Activate the sending of wireless information from the alarm panel by pressing **Yes**.
6. The following display appears:
   Did the receiver beep twice?
7. Confirm with **Yes.**
8. The teach-in message and therefore the IP of the alarm panel have been correctly received and successfully stored in the indoor siren or info module.
9. To repeat or cancel, press **No**.

WUM (Wireless Universal Module)



Name/function	Explanation
Number	The number comprises the component type (WAM) and a consecutive number.
Name	Unique name of the wireless universal module

Adding a wireless universal module.

Note
Ensure that reserved outputs and zones are assigned to each WAM.
See the table of reserved WAM outputs/zones below.

Wireless universal module	Reserved outputs	Reserved zones
WAM 1	229–232	248
WAM 2	225–228	247
UVM 3	221 – 224	246
UMV 4	217–220	245
UMV 5	213–216	244
UMV 6	209–212	243
UMV 7	205–208	242
UMV 8	201–204	241

Note
Configure the universal module as describe in the WUM installation instructions, e.g. as a wireless sender/receiver (function 3).
Once the wireless universal module has been configured as per the instructions, it can be added to the system.

1. Select **Add/Del WAM**.
2. **Select** the corresponding wireless universal module (WAM). Up to **eight** wireless universal modules can be taught in.
3. Select, for example, **WAM 1**.
4. Trigger the tamper contact on the WAM.

Note
When WAM modules are taught in, the **symbol** appears next to the WAM number.
Check the information of the wireless universal module.

5. Select **WAM Info**.
6. Select **WAM 1**.

Note
When the wireless universal module is taught in, its configuration is also transferred, so it is possible to see under "WAM Info" which function the wireless universal module had when it was taught in.

Function	Explanation
Not used	The wireless universal module is not taught in.
1 Wireless Repeater	Received wireless signals from taught-in wireless detectors (taught into the WAM) are forwarded to the alarm panel. No further settings are necessary here.
2 Output Module	Up to four relays of the WAM can be activated by the wireless alarm panel according to the configuration.
3 T/R Module	Zone and output module for connection of wired detectors (flood detectors) or a block lock/key switch.
4 Sounder Module	For connection of a wired external sounder or compact alert.

WAM as wireless repeater (WAM function 1)

If the wireless universal module is taught in with the wireless repeater function, the wireless detectors with signals that this module should transmit should also be taught into the WUM.

See the instructions for the wireless universal module (WUM) for this.

WAM as output module (WAM function 2)

Note
If the wireless universal module is taught in with the output function, the alarm panel automatically reserves the corresponding outputs in the panel for this module.

Note
These outputs no longer have to be added manually.

Simply define the settings for the output function as described in section **Editing outputs**.

These outputs only need to be configured but no longer have to be added.

See the instructions for the universal accessory module (WUM) for this.

WAM as zone and output module (WAM function 3)

Note
If the wireless universal module is taught in with function 3, the alarm panel automatically reserves the corresponding zone and outputs in the panel for this module.

- Input 1 and input 2 form the wired zone of the WAM.
- Input 1 functions as the connection for the alarm loop. Input 2 functions as the connection for the tamper zone.
- Both of these connections correspond to the associated wireless zone.
- During wiring see the instructions for the wireless universal module (WUM) for this.

WAM as sounder module (WAM function 4)

If the WAM is configured as a sounder module, a display appears upon connection, where you have to configure the partitions for which the sounder will be activated. This setting is defined similarly to the setting for the external siren.

The connection of the compact alert in the WUM can be found in the instructions for the wireless universal module (WUM).

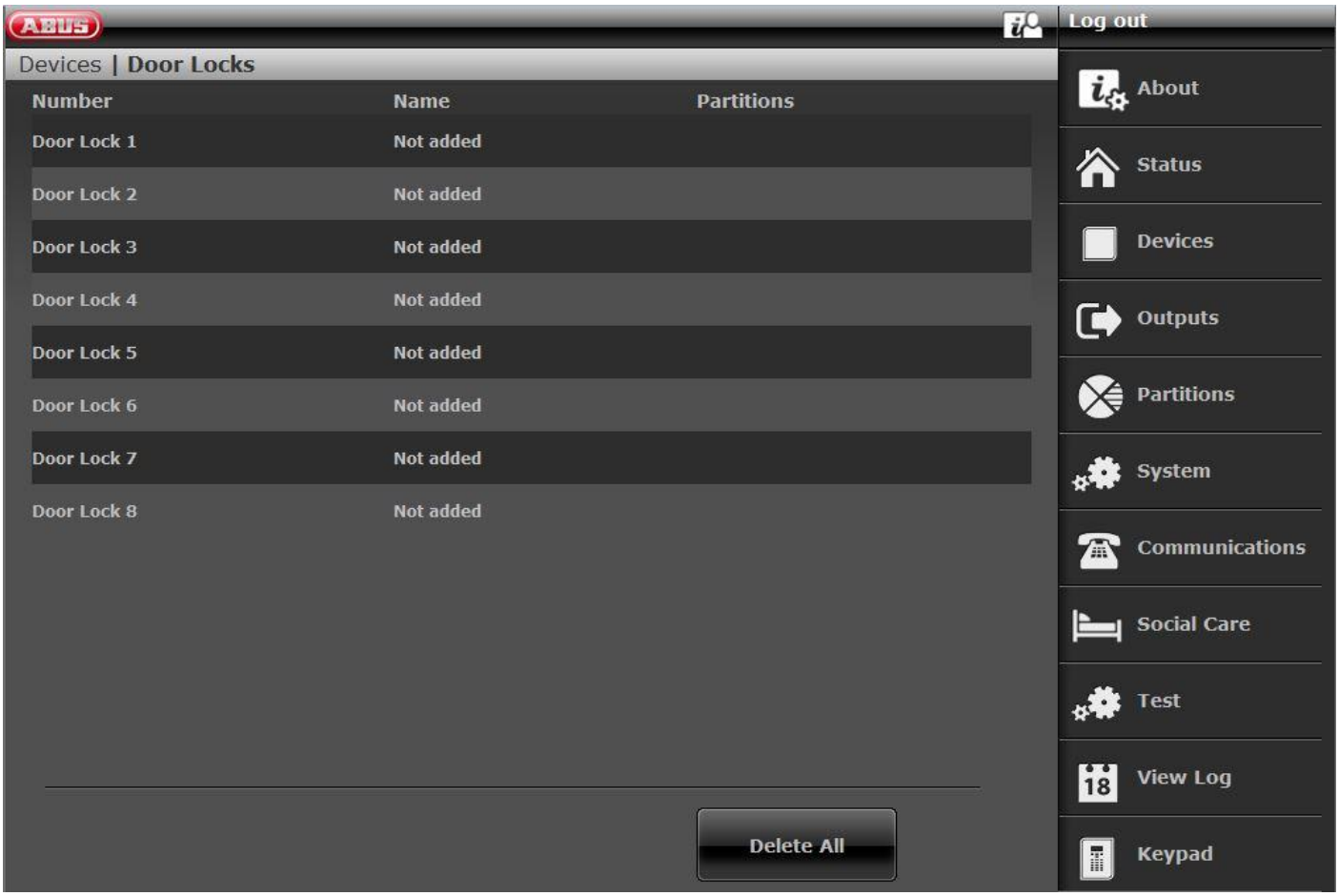
Note
Ensure that the voltage-free outputs on the WAM can be loaded with **max. 500 mA** at **24 volts**.

These outputs are optocouplers with a forward resistance of 2 Ω.

Delete All

1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete the WAM or **Back** if you are not sure.

Door locks



Name/function	Explanation
Number	The number comprises the component type (door lock) and a consecutive number.
Name	Unique name of the door locks (e.g. Secvest Key or additional door lock).
Partitions	Number of the partition to which the door lock is assigned.

Adding door locks (alarm panel)

1. Select **Door Locks**.
2. Select **Add/Del Door Lock**.
3. Select the corresponding door lock.
4. Trigger the tamper contact of the door lock or insert a battery.

Note

When the door lock has been taught in, the wireless alarm panel beeps twice to confirm.

A message appears on the display to confirm that the door lock was added, and the value for the received signal strength is shown.

5. Exit the entry with **Back**.

Note

If a door lock has been taught in the symbol appears next to the door lock number on the alarm panel display.

6. Exit this display with Back.

Edit

Select the corresponding door lock.

The following sub-menu items appear:

Name

Assign a unique name for this door lock.

Partitions

Select the partitions to which the door lock should be assigned.

Disabled after breaking and entering (S/W >= 3.01.16)

Yes

Secvest Key and an additional door lock can activate and deactivate the assigned partitions.

NO

Assigned partitions **without** intruder alarm:

Secvest Key and an additional door lock can activate and deactivate the assigned partitions

Assigned partitions **with** intruder alarm:

Regardless of which assigned partition has an intruder alarm, Secvest Key and an additional door lock **cannot** deactivate the assigned partitions.

You must enter a code into the alarm panel or use another component for deactivation.

Non-assigned partitions **with** intruder alarm:

Secvest Key and an additional door lock can deactivate the assigned partitions.

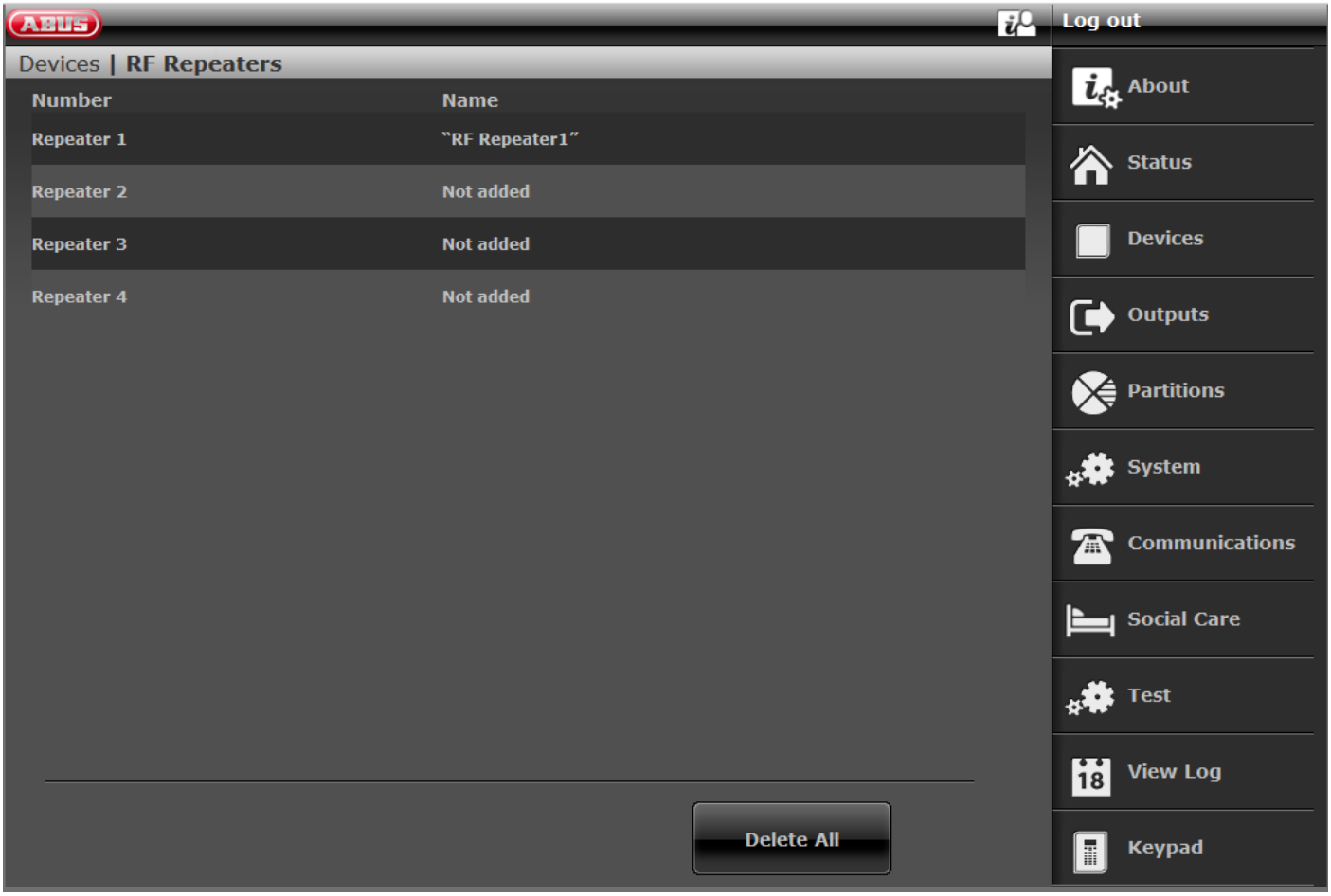
Delete door lock

Confirm the security prompt with **Yes** to delete the door lock or **Back** if you are not sure.

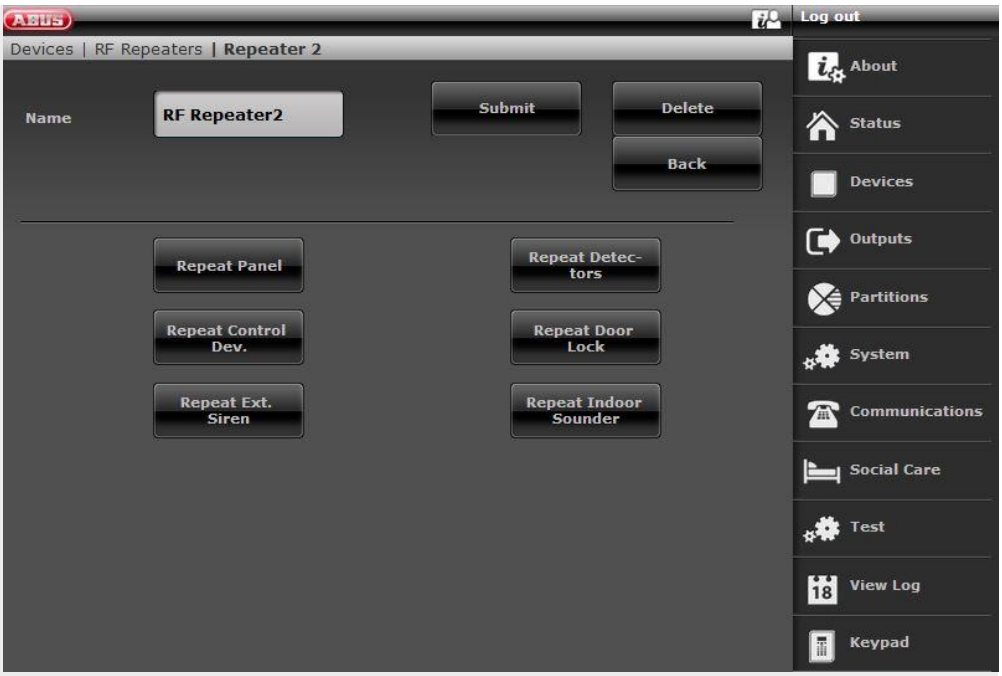
Delete All

1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt with **Yes** to delete the door locks or **Back** if you are not sure.

RF repeater



Name/function	Explanation
Number	The number comprises the component type (RF repeater) and a consecutive number.
Name	Unique name of the repeater (maximum 12 characters possible).
Not added	By clicking on the respective repeater, you will arrive at the “Add” mode. The following course of action is the same as is described for the alarm panel’s menu guidance below.
RF repeater1	By clicking on the respective repeater, you will arrive at the “Edit” mode.



The following course of action is the same as is described for the alarm panel's menu guidance below.

Delete All	Click on this field and in the next step confirm the security prompt to delete all repeaters.

Add RF repeater (alarm panel)

1. Select **RF repeater.**
2. Select **Add/Del.**
3. Select the corresponding repeater.
4. Trigger the tamper contact of the repeater.

Note

When a repeater has been taught in, the wireless alarm panel beeps twice to confirm.

A message appears on the display to confirm that the repeater was added, and the value for the received signal strength is shown.

You can see the receiving signal strength of the alarm panel on the repeater through the status LEDs. Details on this can be found in the repeater manual.

5. Exit the entry with **Back**.

Note

If a repeater has been taught in the symbol ⊡ appears next to the repeater number on the alarm panel display.

A maximum of **4** repeaters can be added

6. Exit this display with Back.

Edit

Select the corresponding repeater.

The following sub-menu items appear.

Name:

Assign a unique name for this repeater.

Repeat alarm panel

Select whether wireless messages from the alarm panel should be repeated by this repeater.

Note

Messages from the alarm panel could be:

Broadcast alarm panel status – is necessary for the permanent display of the status of the partitions on the control panel FUBE5000x

Control of external sirens (e.g. FUSG50100/1 or FUSG50000)

Control of internal sirens (e.g. FUSG50010) and information modules (e.g. FUMO50030)

Control of indoor sounder (e.g. FUSG50110)

Control of hybrid modules (e.g. FUMO50110) – is necessary for the configuration and/or requesting of current and voltage values, the software version, the resistance values, the outputs, the loudspeaker and the signal strength.

Control of wireless outputs (e.g. wireless socket FUHA50010)

Repeat detectors

Select which wireless zones/detectors should be repeated by this repeater. All detectors that have been learned in will be displayed.

Repeat wireless control panel

Select which wireless control panel should be repeated. All wireless control panels that have been learned in will be displayed.

Repeat door locks

Select which wireless door locks should be repeated. All wireless door locks that have been learned in will be displayed.

Repeat outdoor sirens

Select which wireless external sirens should be repeated. All wireless external sirens that have been learned in will be displayed.

Repeat indoor sounder

Select which indoor sounder should be repeated. All indoor sounders that have been learned in will be displayed.

Repeat HyMo

Select which hybrid module should be repeated. All hybrid modules that have been learned in will be displayed.

Note

A repeater can repeat a maximum of 10 components.

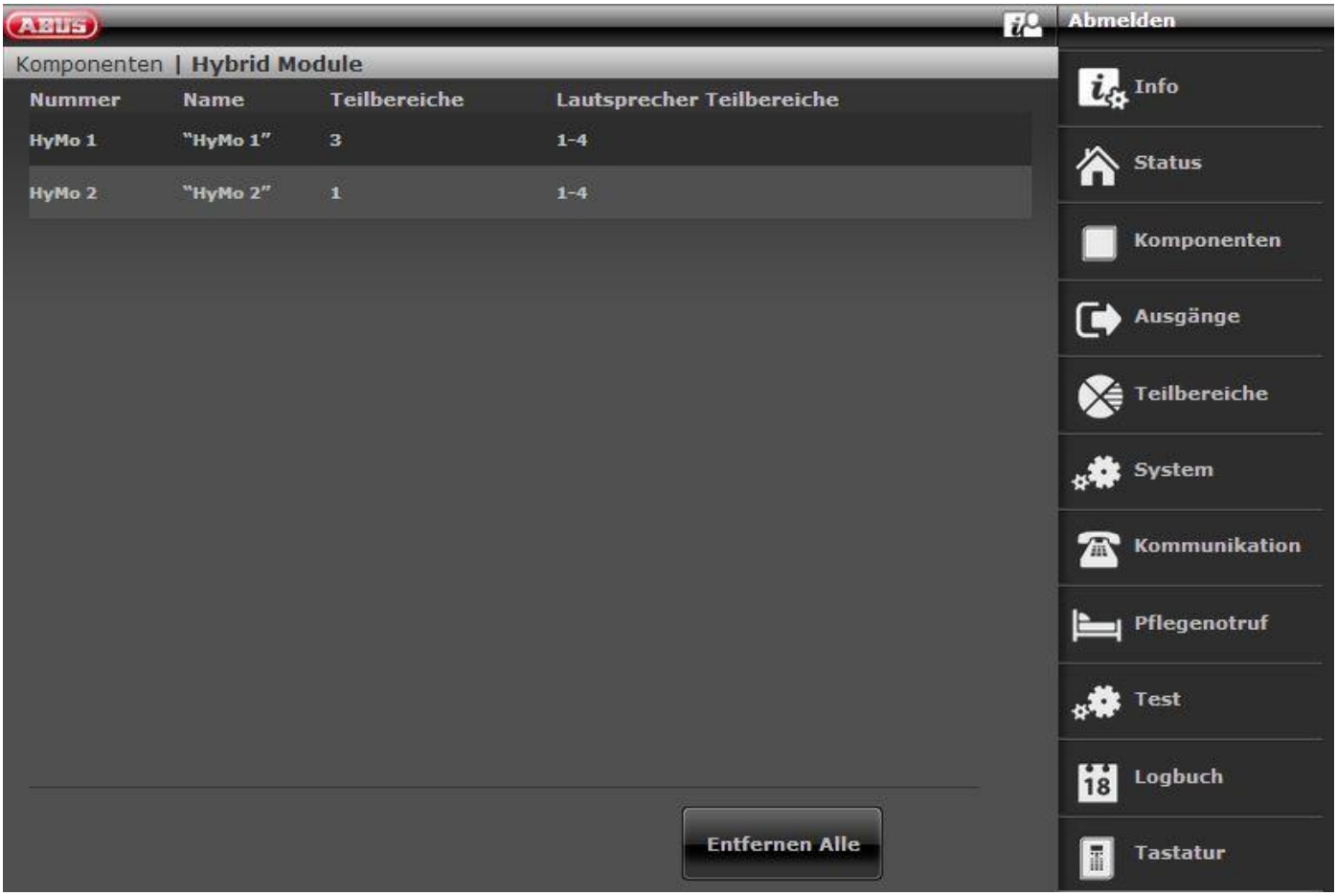
Remote controls and emergency transmitters (intrusion, medical emergency, care alarm) are always repeated when they are within the repeater's range.

Delete All

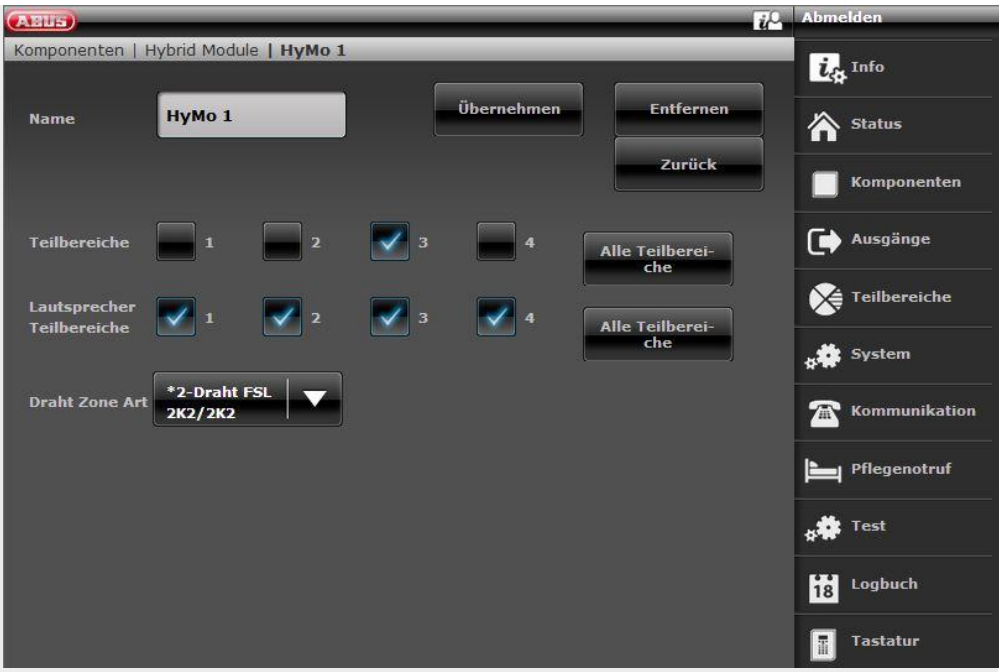
1. Select **Delete All**.
2. Confirm the selection with **Next**.
3. Confirm the security prompt to delete all repeaters with **Yes**. Select **Back** if you are not sure.

Hybrid module

S/W >= 3.01.14



Name/function	Explanation
Number	The number comprises the component type (hybrid module) and a consecutive number. Note A maximum of 2 hybrid modules can be added
Name	Unique name for the hybrid module (maximum 12 characters possible).
Not added	By clicking on the respective hybrid module, you will arrive at the “Add” mode. The following course of action is the same as is described for the alarm panel’s menu guidance below.
HyMo 1	By clicking on the respective hybrid module, you will arrive at the “Edit” mode.



The following course of action is the same as is described for the alarm panel's menu guidance below.

Delete All

Click on this field and in the next step confirm the security prompt to delete all hybrid modules with **Yes**. Select **Back** if you are not sure.

Add hybrid module (alarm panel)

1. Select **Hybrid Module**.
2. Select **Add/Del.**
3. Select the corresponding hybrid module.
4. Trigger the tamper contact of the hybrid module.

Note

When a hybrid module has been taught in, the wireless alarm panel beeps twice to confirm this.

A message appears on the display to confirm the hybrid module has been added, and the value for the received signal strength is shown.

5. Exit the entry with **Back**.

Note

If a hybrid module has been taught in, the symbol ⊡ appears next to the hybrid module number on the alarm panel display

A maximum of 2 hybrid modules can be added

6. Exit this display with Back.

Edit

Select the corresponding hybrid module.

The following sub-menu items appear.

Name:

Assign a unique name to this hybrid module.

Partitions

Numbers of the partitions to which the hybrid module is assigned.

Note

Refer to the assignment of partitions for the hybrid module. Notifications from the hybrid module, such as tamper or DC fault notifications, are then assigned to these partitions.

S/W >= 3.01.16

This partition assignment also determines the assignment of zones and outputs to partitions.

Example: If you have selected partitions 1 and 2 here, zones on this HyMo can also only be assigned to partitions 1 and 2.

S/W < 3.01.16

Hybrid module zones and outputs can be assigned to other partitions but they should be hybrid module partitions.

Wired Zone Type

Select which wiring type should be supported for the zone inputs of this hybrid module.

Note

It is possible to select a different type of wiring for the alarm panel and for each of the 2 hybrid modules.

Possible wiring types:

2-wire FSL 2k2/4k7
2-wire FSL 1k/1k
2-wire FSL 2k/2k
2-wire FSL 4k7/4k7
4-wire CC
2-wire CC

The variants are the same as for the alarm panel, see also:

System -> Hardware -> Wired Zone Type

Loudspeaker partitions

Select the partitions for which the optionally connected loudspeaker should provide a signal.

Note

The loudspeaker repeats the signal tones:

You can set the volume of the different signal tones for the loudspeaker in the user menu.

User menu -> Configuration -> Volume settings ->

Operator Sounds

Info tones:

Alarm tones:

Note

Loudspeaker partitions for the hybrid module can be assigned to other partitions but they should be hybrid module partitions.

Note
Zones

Zone types and attributes

Are selected in the HyMo Zones section. All available types and attributes for wired zones are possible. See IP Zones for details.

Hybrid module 1

401 to 410 where 2-wire is chosen as the zone type

401 to 405 where 4-wire is chosen as the zone type

Hybrid module 2

411 to 420 where 2-wire is chosen as the zone type

411 to 415 where 4-wire is chosen as the zone type

Note
Outputs

Output types and attributes

Are selected in the HyMo Outputs section. All available types and attributes for wired outputs are possible. See Wireless Outputs for details.

Hybrid module 1

401 to 404

Hybrid module 2

405 to 408

Note
Hybrid module TR terminal

If this input is controlled by the hybrid module, the alarm panel signals

"Hybrid Module X Sounder Tamper”

Note
Hybrid module terminal MAINS FAIL

If this input is controlled by the hybrid module, the alarm panel signals

"Hybrid Module X PSU Network Fault”

If this input is controlled by the hybrid module, the alarm panel signals

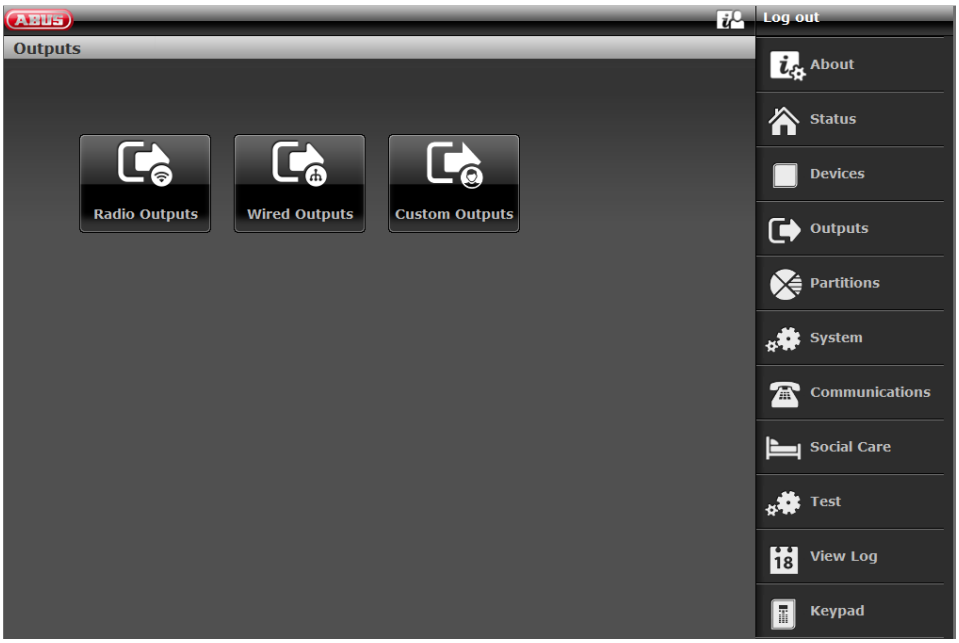
"Hybrid Module X PSU Battery Fault”

Note

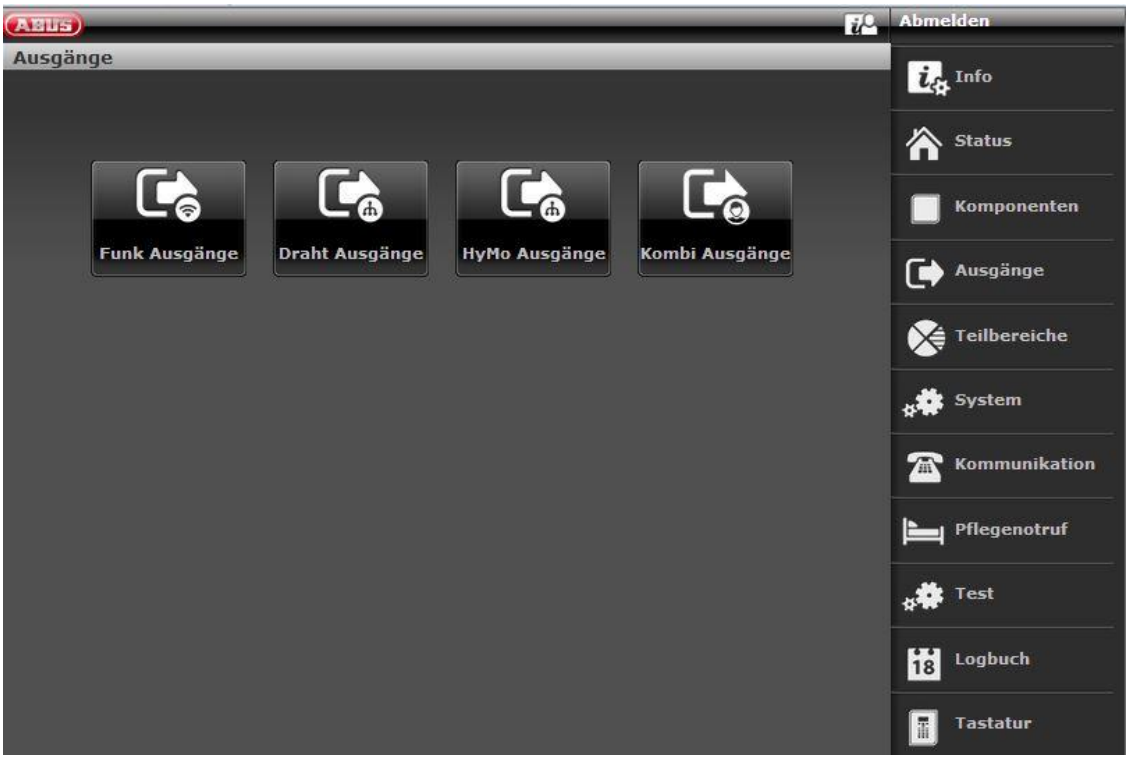
Hybrid module terminal LOW BATT

Outputs

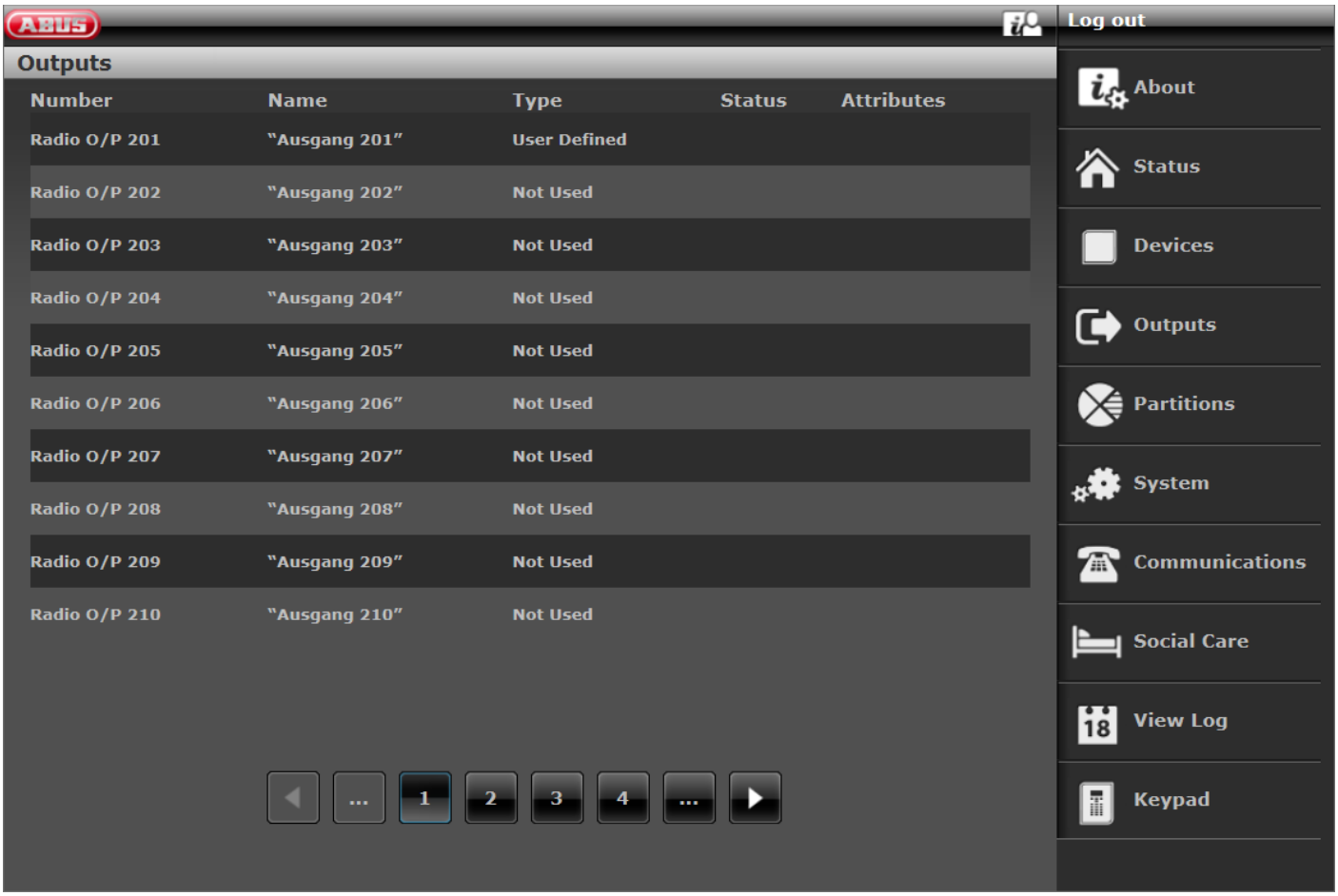
S/W < 3.01.14



S/W >= 3.01.14



Radio Outputs



Name/function	Explanation
Number	The number comprises the component type (radio output) and a consecutive number.
Name	Unique name of the output
Type	Type of radio output
Status	Current status of the radio output
Attributes	Attributes of the radio output

Configuring radio outputs

Note
Secvest has up to 32 radio outputs.

Editing outputs

1. Click in the line of the desired output.

Note
It is useful to assign unique output names so that if a fault occurs it is easier to identify the affected output.

2. **Delete** the preset name.
3. Assign a unique name for the output with max. 12 characters.

Inverting outputs (polarity)

Note
You can choose here whether the function of the output in question is inverted or not. Select **Normal** or **Inverted**.

Selecting the output type

Note
An overview of the different output types can be found in the following table.

4. Confirm the selection once the configuration is complete by selecting **Submit.**

Type	Explanation	Can be assigned to partitions
not used	This output is not used and not activated at any time.	Yes
Intruder alarm	This output is activated when one of the following zone types or events is triggered and the system is armed: • Normal Alarm • Tamper (only when system is armed) • Entry Route • Tamper zone (only when system is armed) • Entry delay expired • 24 hour alarm (only when system is armed)	Yes
Conf. Intruder alarm	This type only functions when confirmation mode BS8243 is selected under "System -> Confirmation". A confirmed burglar alarm has occurred (normal alarm). The alarm panel activates the output when: • two "normal alarms" are triggered in the same partition during the confirmation time • a "normal alarm" and a tamper alarm are triggered in the same partition during the confirmation time. This output type can be used for one or more partitions. Note that "normal alarms" and tamper alarms must be located in the same partition as the output. The output is deactivated when a user resets the system.	Yes
Burg Confirm Timer	This output is activated while the timer for confirmation of a burglar alarm is running and is deactivated as soon as the timer stops.	No
Perimeter Warning	The output is activated when a perimeter warning is triggered.	Yes
Panic alarm	This output is activated when a hold up alarm is triggered.	Yes
HUA Confirm	A confirmed hold up alarm has occurred. The alarm panel activates the output under the following conditions: • Users trigger an alarm at at least two different hold up transmitters during the hold up confirmation time. • A hold up transmitter is activated and a tamper alarm of a hold up transmitter is triggered during the confirmation time. This output type can be assigned to one or more partitions. Note that the hold up transmitter (and tamper alarms) must be assigned to the same partition. The output is deactivated as soon as a user resets the system.	No

Type	Explanation	Can be assigned to partitions
HUA Confirm Timer	This output is activated while the timer for confirmation of a hold up alarm is running and is deactivated as soon as the timer has expired.	No
Duress Code	A duress code has been used. The alarm panel activates the output as soon as a user enters a duress code and deactivates the output again when the user resets the system.	Yes
Confirmed Alarm	This output is activated when an alarm is interrupted by the user in the selected partition during the possible time period. The output is deactivated again when the alarm is confirmed.	Yes
Fire	This output is activated when a fire alarm is triggered.	yes
Technical Alarm	This output is activated when a zone with the attribute "Technical Alarm" triggers an alarm. It is only deactivated again when the zone triggering the alarm is reset (cause for the technical alarm has been corrected) AND the user confirms the technical alarm on the alarm panel with a valid code.	Yes
24 hours)	This output is activated when a zone with the attribute "24 Hour Alarm" triggers an alarm.	Yes
Zone Alarm	This output is activated when the selected zone reports an alarm and is deactivated again when the alarm is reset.	No
External Siren	This output is activated when there is a local alarm in the selected partition for the set siren time of the external siren. The output does not activate for a technical alarm or hold up alarm.	Yes
Internal Siren	This output is activated when there is a local alarm in the selected partition for the set siren time of the internal siren. The output does not activate for a technical alarm or hold up alarm.	Yes
External Strobe	This output is activated when there is a local alarm in the selected partition and remains activated until the wireless alarm panel is disarmed. The output is also activated for 10 seconds after the partition has been successfully armed if the **EXTERNAL** strobe signal for confirmation has been activated.	Yes
Internal Strobe	This output is activated when there is a local alarm in the selected partition and remains activated until the wireless alarm panel is disarmed. The output is also activated for 10 seconds after the partition has been successfully armed if the **INTERNAL** strobe signal for confirmation has been activated.	Yes
Alarm Abort	The output is activated when an alarm is interrupted by the user in the selected partition during the possible time period. The output is deactivated as soon as the alarm is confirmed.	Yes

Type	Explanation	Can be assigned to partitions
Alarm Abort	The output is activated when an alarm is interrupted by the user in the selected partition during the possible time period. The output is deactivated as soon as the alarm is confirmed.	Yes
Medical Alarm	This output is activated when a medical emergency call is triggered.	Yes
Emergency call	This output is activated when a social care call is triggered.	Yes
Tamper Activated	The output is activated when the alarm panel receives a tamper alarm from one of the following devices: • Alarm panel (cover or wall tampering) • Control device (cover or wall tampering) • Zone with zone type "Tamper" • All wireless detectors or WAM • Sirens The alarm panel deactivates the output as soon as the cause of tampering has been corrected.	Yes
Radio frequency failure	This output is activated as soon as one of the three RF faults listed below occur: This may be the following: RF Low Battery, RF Supervision, RF Jamming. The output is deactivated only when the fault is reset on the alarm panel.	Yes
RF Supervision	This output is activated as soon as any wireless zone reports a monitoring failure (supervision fault). The output remains activated until all supervision faults have stopped.	Yes
RF Jamming	The corresponding output is activated when signal jamming is detected. The output remains activated until the signal jamming is corrected.	No
RF Low Battery	The output is activated as soon as a wireless detector sends a low battery message. The output remains activated until all detectors no longer send this message.	Yes
Battery Fault	The output is activated when the alarm panel identifies a fault with the backup battery OR a zone with zone type "Ext PSU Batt Fault" is triggered. If the alarm is triggered by a zone with "Ext PSU Batt Fault" the alarm panel only deactivates the output when the zone itself is reset and the user confirms the fault with a valid code on the alarm panel. If the alarm is triggered by a fault with the backup battery, the output is only deactivated again as soon as the alarm panel detects a suitable and functioning battery. Note: check the function of the battery using the test function available in the menu on the alarm panel.	No

Type	Explanation	Can be assigned to partitions
A/C fault	The output is activated when the alarm panel does not have voltage OR any zone with type "Ext PSU A/C fault" is triggered. The delay until this output is activated depends on the value set under "System -> A/C Fault Delay (minutes)". **Note** The system is VdS **compliant** if you use this output type for signalling an **AC fault**.	No
Ext PSU Fault	The output is activated when an external power supply detects a fault and reports the fault using zone type "Ext PSU Fault". The output is only deactivated when the fault is corrected and the user confirms the alarm with a valid code on the alarm panel.	No
Ext PSU Low Volts	The output is activated when an external power supply detects a correspondingly low voltage using zone type "Ext PSU Low Volts". The alarm panel deactivates the output as soon as the zone is reset and the user confirms the fault with a valid code.	No
General Fault	The output is activated as soon as an event occurs that causes a fault. This includes: • RF Low Battery • RF Supervision • RF Jamming • A/C fault • Battery Fault • Ext PSU Fault • Tamper Activated Note that in the event of an A/C Fault the output is already activated a few seconds after the fault is detected and is NOT influenced by the set delay time. **Danger** SW < 3.01.11 The system is **no** longer VdS compliant if you use this output type to signal an **AC Fault** because it triggers automatically. Use this to signal an **AC Fault** type to be VdS compliant. **Note** SW >= v3.01.11	Yes

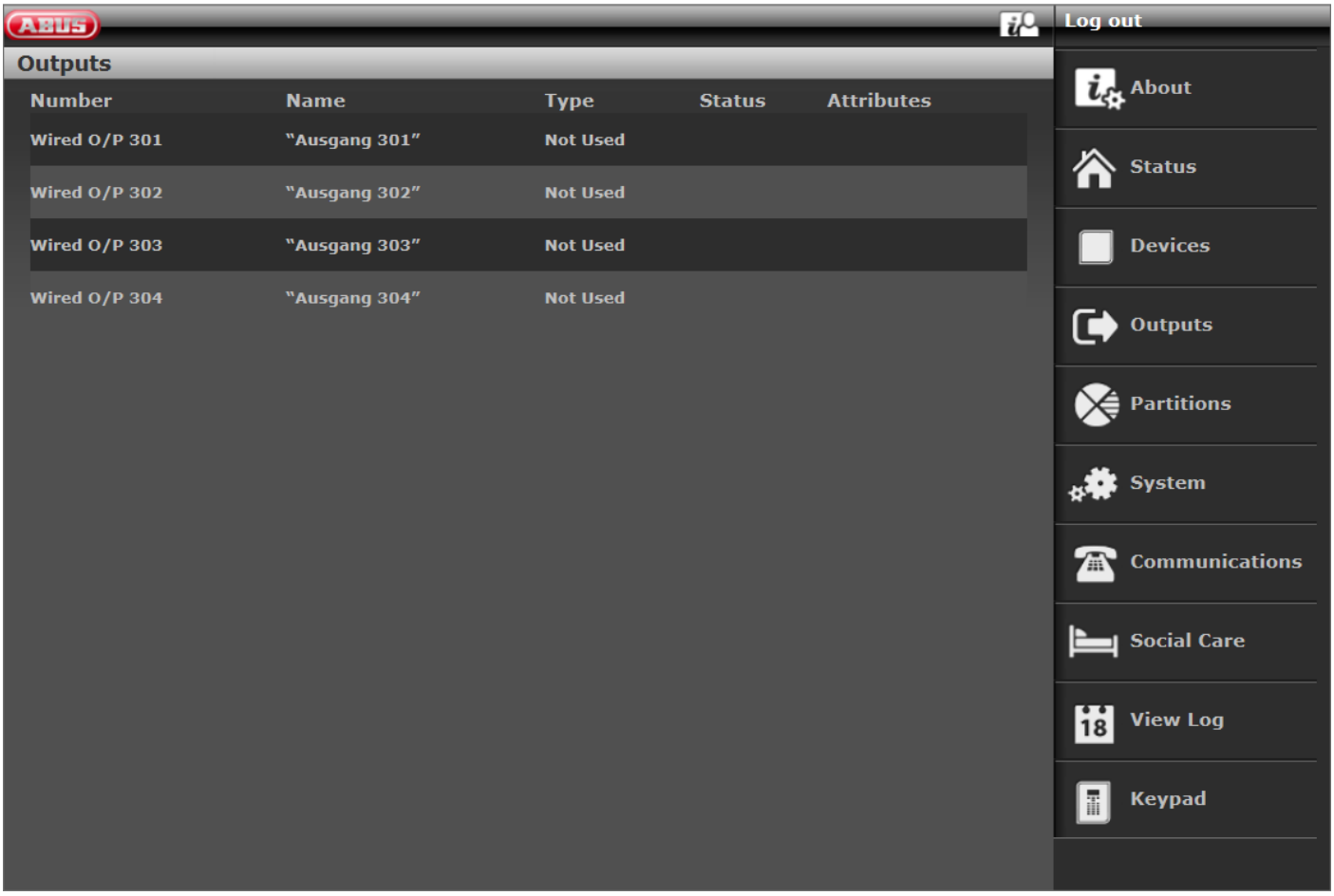
	The system is VdS **compliant** if you use this output type for signalling an **AC fault**. This output type is now triggered after a VdS-compliant delay in the event of an AC fault.	
Fault comm. path	The output is activated as soon as the alarm panel identifies a fault in the communication method and is deactivated when the fault no longer exists.	No
Full Set Ready	This output is activated when the partition is ready to be armed. If a detector is assigned to more than one partition, the partition in question is ready even if this detector is still open.	Yes
Full Setting Complete	The output is activated as soon as the system is successfully armed. The output is activated for approx. 10 seconds.	Yes

Type	Explanation	Can be assigned to partitions
Complete arming	This output is only activated when all of the partitions configured in the system are armed.	Yes
Setting Complete	This output is activated (for approx. 10 seconds) when the system or partition is armed or internally armed.	Yes
Enabled	This output is activated when the partition is armed.	Yes
Rearmed	The output is activated in an internally armed system when the system is rearmed at least once. If the confirmation mode has been set to DD243 or BS8243, the alarm panel activates the output as soon as the system is rearmed (after the confirmation timer). If the confirmation mode "Basic" is selected, the alarm panel activates the output as soon as the system is rearmed (after the siren time has expired). In a system with partitions, the output can be assigned to different partitions. The output is deactivated again when a user or installer resets the system or the partition.	Yes
Part Set Ready	This output is activated when the partition is ready to be internally armed. If a detector is assigned to more than one partition, the partition in question is ready even if this detector is still open.	Yes
Part Setting Complete	This output is activated (for approx. 10 seconds) when the system or partition is **INTERNALLY** armed.	Yes
Part Set	This output is activated when a partition is internally armed.	Yes
Set Fault	This output is activated when arming fails. It remains activated until the user confirms the fault.	yes
Autoset Warning	This output is activated when the warning time for automatic arming is running. (See menu "Schedulers Set/Unset".) This output is deactivated when the system is armed or a user delays or cancels automatic arming.	yes
Unset Complete	The output is activated as soon as the system is disarmed or deactivated after an alarm. The output is activated for approx. 10 seconds.	Yes
Zone Omit (Setting)	This output is activated when the user omits a zone while arming the system. The output is deactivated as soon as the alarm panel resets the zone.	Yes

Type	Explanation	Can be assigned to partitions
Zone Omit (System)	(Output only functions when confirmation mode DD243 or BS8243 is selected.) When there is an unconfirmed alarm the alarm panel re-arms when the confirmation time has expired. When the zone that triggered the unconfirmed alarm is still open at the time of rearming, the alarm panel omits this zone and activates this output. The alarm panel restores the zone and resets the output when a user or installer resets the system.	
Entry Exit Follow	This output is activated for the duration of the delay time (entry delay or exit delay). The output is not activated if the partition has been configured in "Instant Set" or "Silent Set" mode.	Yes
Locking actively unlocked	A zone lock exists. The alarm panel activates the output as soon as a zone with type "Zone Lock" is triggered and deactivates the output when the zone is closed.	No
Open/Close	The output is activated when the system (or partition) is disarmed. It is deactivated when the system (or partition) is armed. If this output is assigned to more than one partition, it is deactivated as soon as one of these partitions is armed or internally armed. Note: the function of this output is already inverted by default compared to the other outputs. There are 0 volts at this output when the system is disarmed.	Yes
Zone Follow	This output follows the status of a zone. If this type is selected, an overview of the zones is provided. Select a corresponding zone.	No
Indoor lighting	This output is activated while the entry/exit delay time is running and deactivated 10 seconds after the entry/exit delay time has expired.	Yes
Installer on Site	The output is activated as soon as the alarm panel is in installer mode and deactivated as soon as the installer has successfully exited this menu.	No
Walk Test	The output is activated when a user starts a walk test both as an installer and as a normal user. The output is also activated in the time between an alarm being muted and the alarm confirmation.	No

Type	Explanation	Can be assigned to partitions
User Defined	An output of this type can be controlled remotely via different user-defined components such as remote control, control panel or alarm panel. The “Switch by user” and “configure by user” options grant the user permissions for the configuration of the output in the user menu view. The “Polarity” button can be used to invert the switching statuses. If the output should only be switched for a specific time (pulse behaviour), then un-tick the “Continuous” checkbox and set the desired duration. The output can also be assigned a time plan, which specifies when it should be activated or deactivated. The “Continuous” checkbox must be ticked for this. Then set the switching on time, the switching off time and select the desired days of the week. The output can also be switched by the occurrence of events. On the “Events” tab, you can set up to 3 events. The list contains all possible output types.	No
Smoke Sensor Reset	This output is always activated (0 V) except when a user confirms a fire alarm. After this confirmation, the alarm panel deactivates the output for 3 seconds. The output type is designed to facilitate interaction with low voltage reset connections on wired smoke detectors. Note that there are also smoke detectors common on the market that require a second confirmation in order to be reset (detectors that require time to reset the alarm contacts after the reset pulse).	Yes
PIR Set Latch	This type requires the system or partition to have been armed. This output is deactivated when the system or partition is disarmed or an alarm event occurs. The output is activated for one second when either the system is reset or installer mode is exited on the alarm panel. Note: if "Normal" polarity is selected, the output is actuated with +12 V when activated and 0 V when deactivated. Use the "Inverted" polarity to reverse the function of this output.	Yes
Combination Output 1	An output of this type combines various events. Details on this can be found in the "Combination Outputs" chapter.	
…		
Combination output 10		

Wired Outputs



Name/function	Explanation
Number	The number comprises the component type (wired output) and a consecutive number.
Name	Unique name of the wired output
Type	Type of the wired output
Status	Current status of the wired output
Attributes	Attributes of the wired output

Configuring wired outputs

Note
Secvest has up to four wired outputs.

Editing outputs

1. Click in the line of the desired output.

Note
It is useful to assign unique output names so that if a fault occurs it is easier to identify the affected output.

2. **Delete** the preset name.
3. Assign a unique name for the output with max. 12 characters.
4. Confirm the selection once the configuration is complete by selecting **Submit.**

Inverting outputs (polarity)

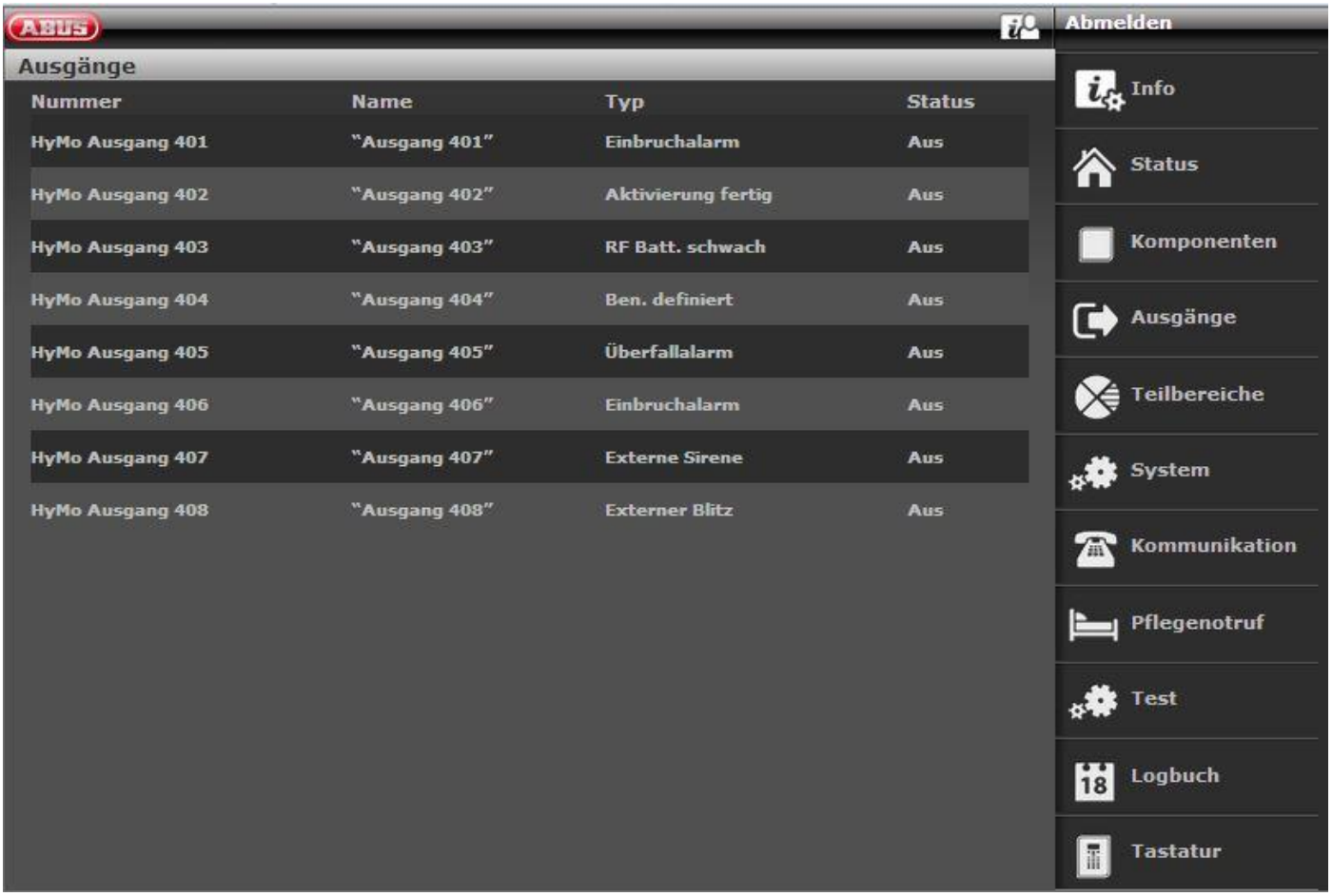
Note
You can choose here whether the function of the output in question is inverted or not. Select **Normal** or **Inverted**.

Selecting the output type

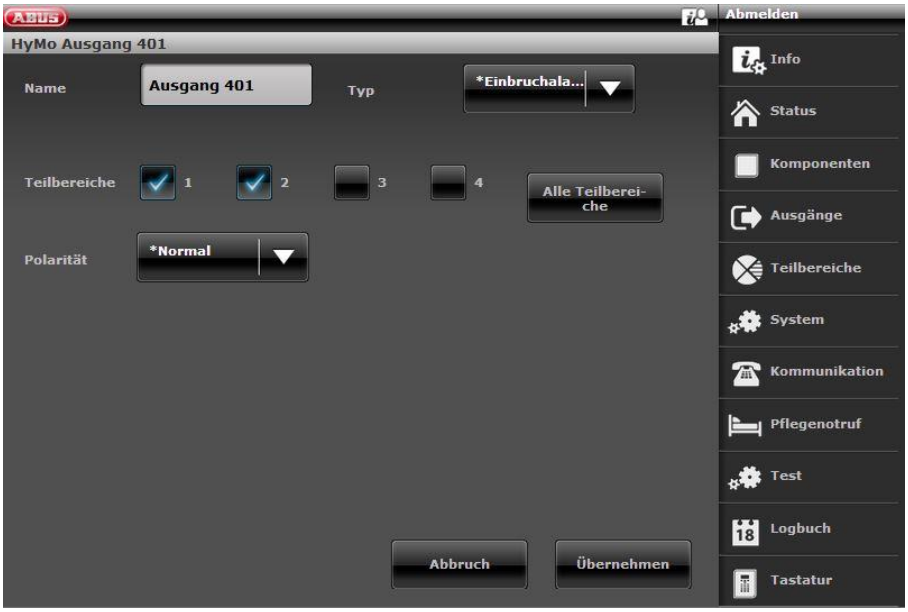
Note
An overview of the different output types can be found in the "Wireless outputs" section.

1. Select menu item **Type**.

HyMo outputs



Name/function	Explanation
Number	The number comprises the component type (HyMo output) and a consecutive number.
Name	Unique name of the HyMo wired output.
Type	Type of the HyMo wired output.
Status	Current status of the HyMo wired output.



Configuring HyMo wired outputs

Note
Each hybrid module features four relay or wired outputs.

Editing outputs

1. Click in the line of the desired output.

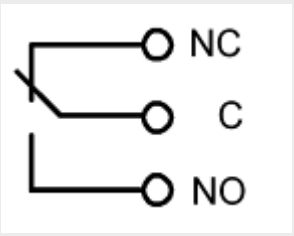
Note
It is useful to assign unique output names so that if a fault occurs it is easier to identify the affected output.

2. **Delete** the preset name.
3. Assign a unique name for the output with max. 12 characters.
4. Confirm the selection once the configuration is complete by selecting **Submit.**

Inverting outputs (polarity)

Note
You can choose here whether the function of the output in question is inverted or not. Select **Normal** or **Inverted**.

The HyMo output is a relay output.
For **Normal:**



It is possible to open (NC-C) or close (NO-C) a connected circuit.

If **inverted** the opposite is the case**!**
It is possible to open (NO-C) or close (NC-C) a connected circuit.

Selecting the output type

Note
An overview of the different output types can be found in the "Wireless outputs" section.

1. Select menu item **Type**.

Note

S/W >= 3.01.16

Outputs on the hybrid module can only be assigned to the partitions to which the HyMo is also assigned. Example: If you have selected partitions 1 and 2 for the HyMo, outputs of this HyMo can also only be assigned to partitions 1 and 2.

Refer to the assignment of partitions for the hybrid module. Notifications from the hybrid module, such as tamper or DC fault notifications, are then assigned to these partitions.

S/W < 3.01.16

Hybrid module outputs can be assigned to other partitions but they should be hybrid module partitions.

Refer to the assignment of partitions for the hybrid module. Notifications from the hybrid module, such as tamper or DC fault notifications, are then assigned to these partitions.

Note

Outputs

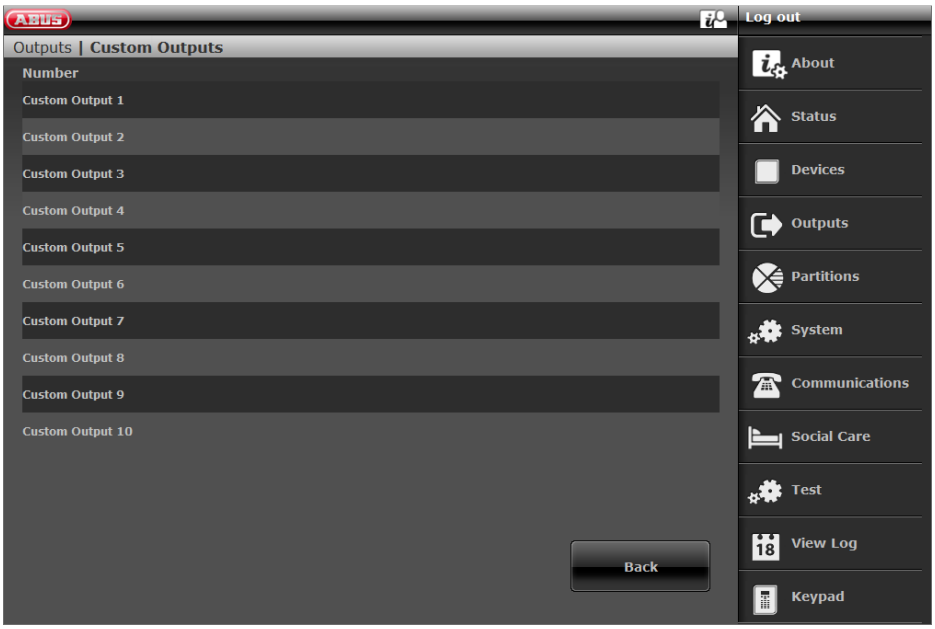
Hybrid module 1

401 to 404

Hybrid module 2

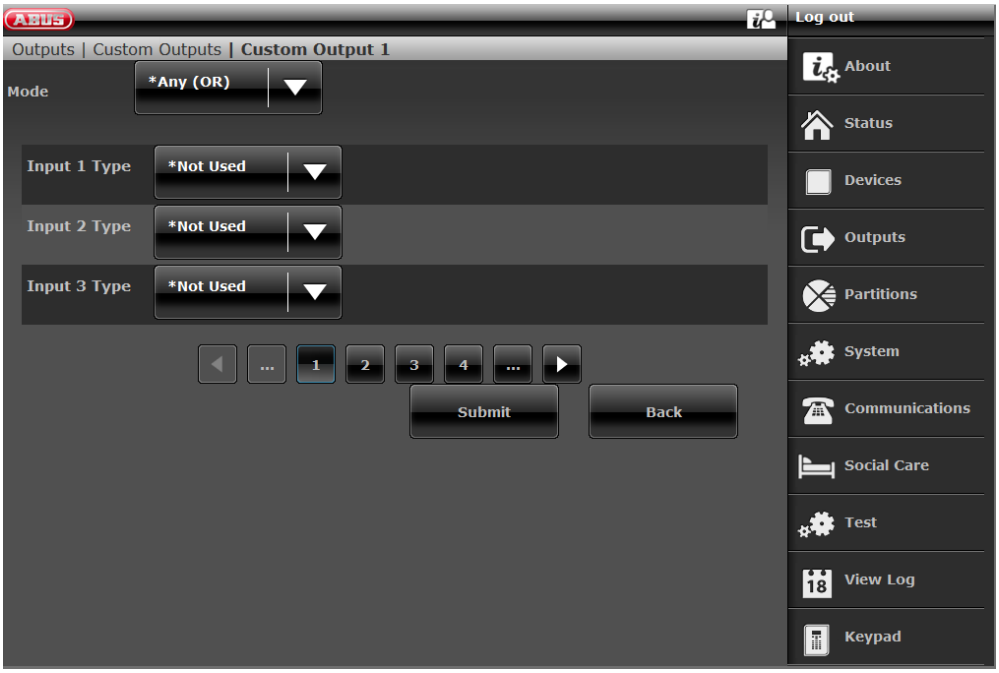
405 to 408

Combination outputs



A "combination output" is a virtual logical element within the alarm panel.

It is similar to an AND-gate or OR-gate in digital electronics, but only exists within the configuration of the alarm panel. A "combination output" can have up to 10 inputs. A virtual input is an event such as a "burglar alarm" or a "panic alarm".



You can use a "combination output" to enable a wireless or wired output.

On the wireless or wired output, select the type "Combination output".

You have set up "Combination output 1". You can use this to enable "Wireless output 203" on the alarm panel. Assign "Combination output 1" as the type for "Wireless output 203".

You have to select one mode for each "combination output". This mode can be ALL (AND) or ANY (OR).

For the AND mode, **all** inputs of the "combination output" have to be enabled for it to function.

For the OR mode, **any** inputs of the "combination output" may be enabled for it to function.

Example:

Requirement:

A wireless output should switch when a door (Zone 203) is open AND an installer has logged in in installer mode.

The solution:

Configure the wireless output with the type "Combination output 1" and configure “Combination output 1” as follows:

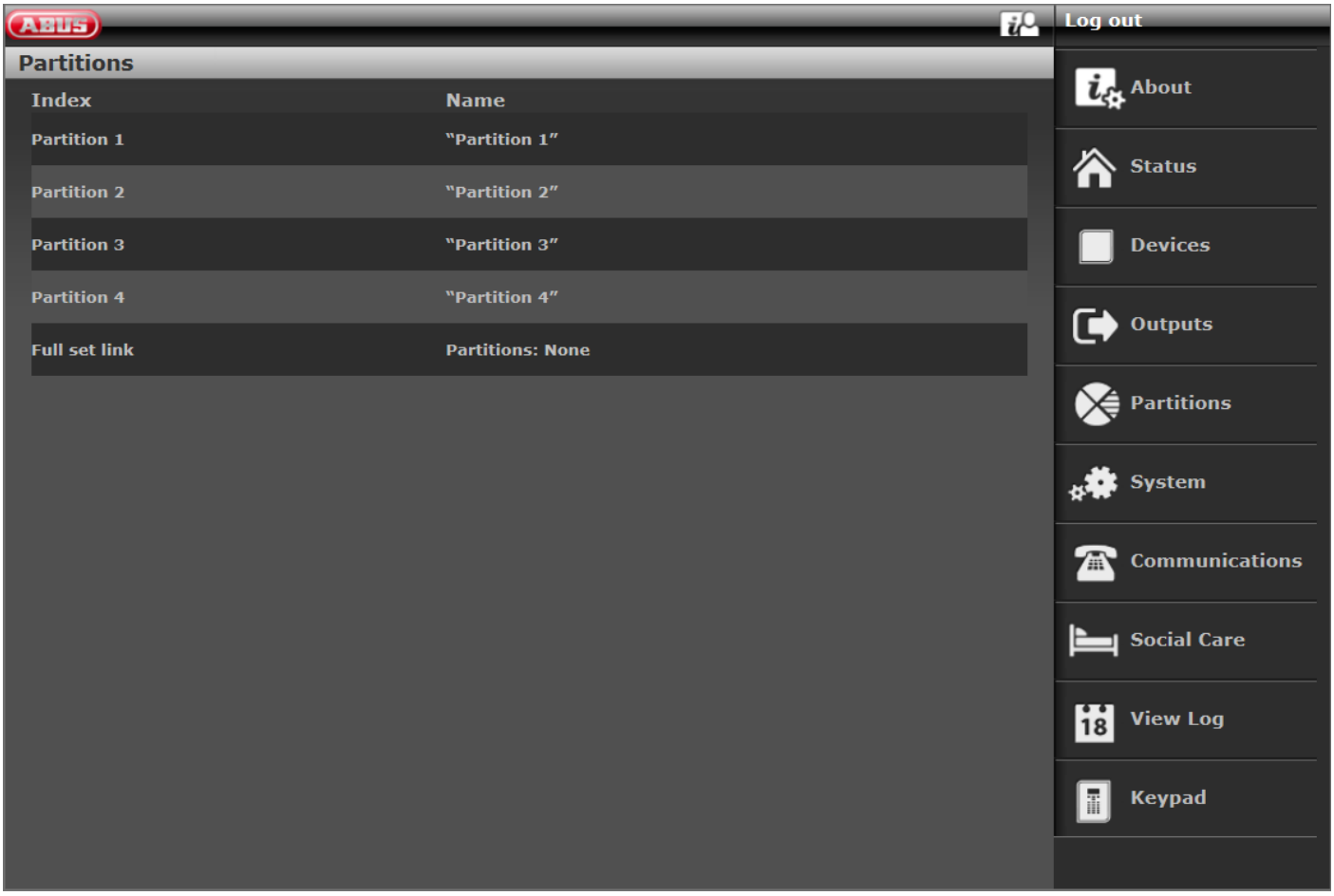
Combination output	Mode	input
1	ALL (AND)	Input 1 type = Installer on site Input 2 type = Zone follow (Zone 203)

Note

An input may be the output of another "combination output". However, you can only select "combination outputs" with a number higher than the inputs.

For example, if the alarm panel supports 10 “combination outputs”, and you specify "Combination output 8", you can only use the outputs from "Combination output 9" and "Combination output 10" as inputs.

Partitions

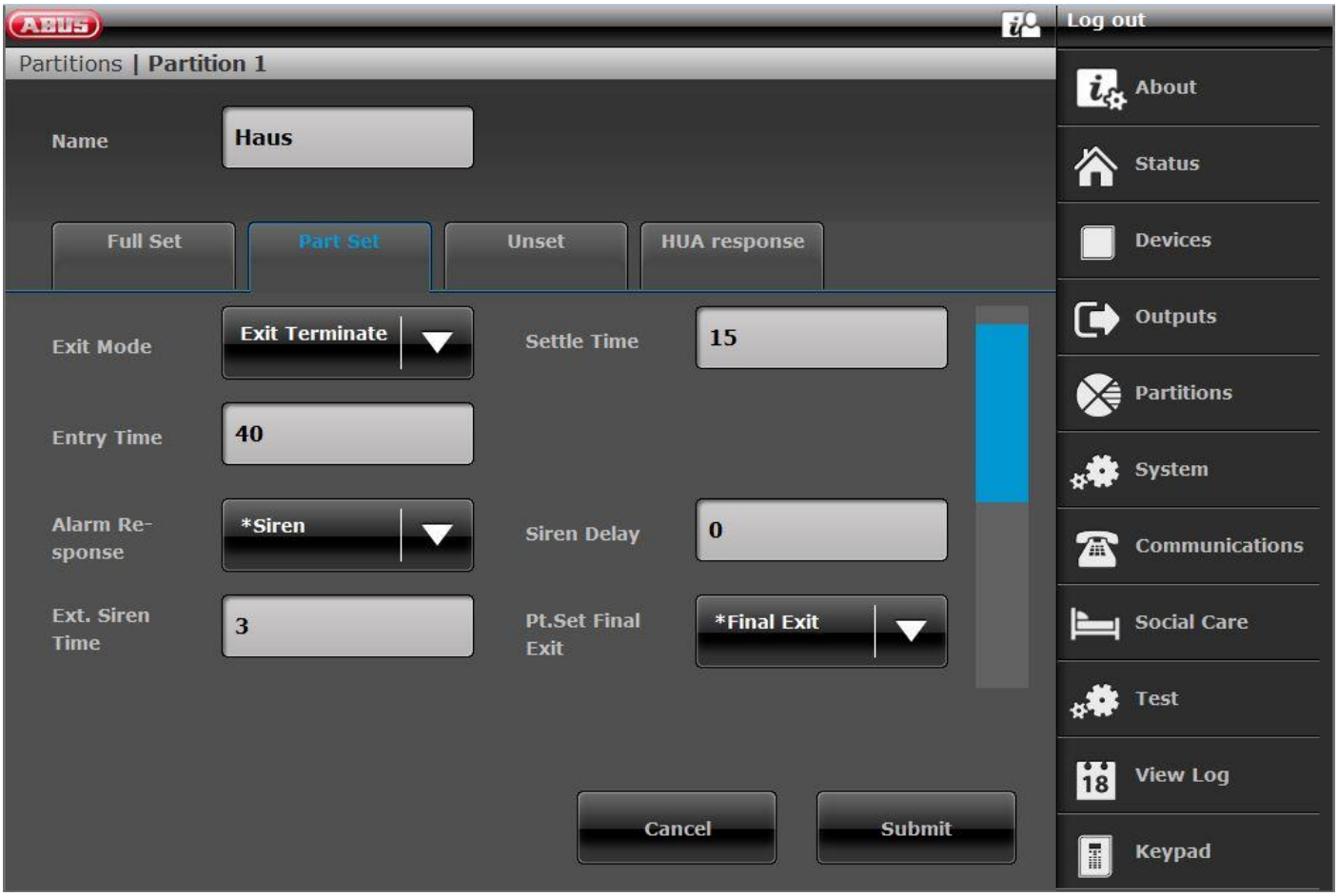


Name/function	Explanation
Index	List of partitions Partition 1 to partition 4 and full set link
Name	Name of the partition assigned during configuration. The selected partitions appear in the "Full set link" line
Full set link	Use this option to define a common partition. Partition 1 is always the common partition. Partition 1 can be connected (linked) to other partitions. This means that when all connected partitions are armed, partition 1 is also automatically armed. The system responds to an alarm according to the configured alarm response for partition 1.

Configure partitions

Please consult the user guide for details on activating and deactivating the system, and on the behaviour of the alarm control panel and the display (user interface). Choose a unique name for each partition, e.g. apartment, workshop, office (max. 12 characters)!

Complete arming



Name/function	Explanation
Name	Unique name of the partition. The partition can be assigned an individual name here, e.g. apartment, workshop, office. Max. 12 characters are allowed. The alarm panel displays this name during arming.
Complete arming	Settings for the complete arming of the partition
Exit Mode	Select the mode of arming when exiting the premises. Note: See also user guide Chapter "8. Arming and disarming the system" **Timed Set** • Use this option to arm the partition only after a set delay time. Under "Exit time" select the corresponding time. The alarm panel logs the start of this timed arming. • This option does not comply with BS8243:2010.

Name/function	Explanation
Exit Mode, cont.	**Final Door Set** • Use this option to complete arming of a partition by closing the last exit door. This door has a detector with zone type "Final Door". When the door is closed, the partition is armed once the settle time has expired. • Note that the exit time for this option is unlimited, i.e. when the zone is closed (closed door) the alarm panel waits until this zone is opened and then closed again before arming. • The alarm panel saves the start time of arming (and not the arming itself) in the log book. • Do not attempt to use a PIR zone as a "Final Door" for a partition. PIR wireless detectors has a "lock" time period after each arming, in order to save battery power. If a partition is armed (or internally armed), a PIR detector may still be locked. During this time it cannot send signals to complete the arming process. **Instant Set** • The partition is armed immediately without any acoustic warning tone. If the partition has been armed, an acoustic confirmation sounds. • Note: This option does not comply with BS8243:2010. **Silent Set** • The partition is armed after the exit time has expired. Under "Exit time" select the corresponding time. However, no warning tone sounds during this time. If the partition has been armed, an acoustic confirmation sounds. The alarm panel saves the start time in the log book. • During entry time the acoustic warning tone can be heard. • Note: This option does not comply with BS8243:2010. **Lock Set** • The "Lock Set" mode affects both arming and disarming of the partition. For this mode, a detector with zone type "Lock Set" and a detector with zone type "Final Door" must be assigned at the last exit door. The detector with zone type "Lock Set" is operated with a lock switch contact on a suitable lock. **Arming the partition** • The user must first start the arming sequence using the user code, proximity keyfob or remote control. The alarm panel then sounds the exit tone and saves the start time in the log book. If the "Final Door" zone is open, the alarm panel emits a continuous exit tone. The exit tone sounds until the user: a) closes the last exit door and then b) locks the door and therefore activates the lock switch contact. After the lock switch contact is activated, the partition is armed once the settle time has expired. The "Final Door" zone is also converted into a "Normal Alarm" zone. The alarm panel saves the activation of the "Lock Set" zone in the log book.

Name/function	Explanation
Exit Mode, cont.	**Disarming the partition** • The user unlocks the door and therefore activates the lock switch contact. The "Lock Set" zone is opened. The alarm panel saves the activation of the "Lock Set" zone in the log book. The original "Final Door" zone which was converted into a "Normal Alarm" zone is switched back into a "Final Door" zone. The entry time starts when the door is opened. The entry tone sounding at this point is different from a normal entry tone. • If the user locks the door again without starting the entry time, the alarm panel remains armed and the "Final Door" zone is converted again into a "Normal Alarm" zone. The alarm panel stops the warning tone. • To comply with BS8243, "After Entry" must be set to "Never" in order to prevent confirmation. **Exit Terminate** • Arming the partition • The user must first start the arming sequence. Then the user ends the arming process after existing the monitoring area. • The user can start the arming sequence using the user code, proximity keyfob or remote control. (Note: arming with remote control must not be set to "Instant", Installer Mode->System->User Access->Remote Inst. Set). • The user ends arming by activating a zone with type "Exit Terminate" (see explanation of zone types). • Note that the exit time is unlimited with this option, i.e. the alarm panel waits until it receives the signal to end the arming process before it arms. The alarm panel emits the exit tone during this time. The alarm panel saves the start time of arming (and not the arming itself) in the log book. The partition is armed after the settle time has expired. • Disarming the partition • The user can use the remote control. The user can also open the door. The "Final Door" zone at this door starts the entry time. During entry time the user must disarm the partition using the user code or proximity keyfob at the alarm panel or control device. (The last method is not compliant with BS8243 clause 6.4.) **As SA (partition) 1** This option is available for partitions 2, 3 and 4. If this option is selected, the alarm panel uses the same type as for partition 1.
Settle time [s]	This option only appears for modes "Final Door Set", "Lock Set" and "Exit Terminate". Use this option to define a time delay so that detectors can settle before the partition is armed. This may be necessary if detectors have triggered, send an alarm signal and have still not been reset. During this time the alarm panel ignores alarm signals from detectors and sirens are not triggered. Enter the time in seconds as a 2-digit number: 01–30. The factory default for the settle time is 15 s. In this time the wireless PIRs located at the exit which have triggered can settle and be reset.

Name/function	Explanation
Exit Time [s]	This option only appears for modes "Timed Set" and "Silent Set". Time for the exit delay in seconds The exit time can be any value between 10 s and 120 s.
Entry Time [s]	Time for the entry delay in seconds The entry time can be any value between 10 s and 120 s.
Alarm Response	Select the response here for when an alarm occurs in this partition. **Internal** • Alarm panel, indoor siren, info module and control device. **Siren** • Alarm panel, indoor siren, info module and control device. • External Sirens **Sirens and ESCC reporting** • Alarm panel, indoor siren, info module and control device. • External Sirens • Communication with ARC/ESCC A siren delay goes into effect for alarm response "Siren + ESCC reporting". **Strobe** • Alarm panel, indoor siren, info module and control device. • Outdoor sirens (with STROBE only) **Strobes and ESCC reporting** • Alarm panel, indoor siren, info module and control device. • Outdoor sirens (with STROBE only) • Communication with ARC/ESCC A siren delay goes into effect for alarm response "Strobe + ESCC reporting". Note When “Siren Delay (user-based)” is enabled (> 0), the behaviour of the siren delay is as follows: Siren Delay (User) **only** affects the outdoor sirens when it comes to the following configurations: **Partition -> Alarm reaction** Sirens and ESCC reporting or Strobes and ESCC reporting In the other variants internal, siren and strobe this siren delay is effective for all components (alarm panel, indoor siren, information module, control panel and outdoor siren). This means that all these components only signal after the delay time has elapsed. Note This does not affect the voice dialler, text message, email and push notification communication methods.

Note
regarding Partition -> Alarm reaction
The fire zone type, the fire double keys on the alarm panel and the fire double keys on the control panel **always** trigger an ARC/ESCC reporting if the call mode for ARC/ESCC reporting is enabled and if the "Fire" group is enabled for CID/SIA events.
Example:
Partition X -> Alarm reaction -> Siren
Fire alarm transmission to ARC/ESCC

Siren Delay [min] (ARC)

Time for the delay duration of the siren(s).
The siren delay can be set to a value between 0 and 10 min.
When an alarm has been triggered the alarm panel waits until this time has expired before it activates the sirens.

Note
The siren delay only goes into effect when the alarm response includes comms.
The siren delay does not go into effect when a comms fault occurs.
The siren delay will not be active when "Installer Mode->System->Confirmation->Confirmation Mode->DD243 or BS8243" and "Installer Mode->System->Confirmation->Siren On ->Unconfirm" are set.
If sounders are assigned to multiple partitions, the alarm panel uses the shortest siren delay set for the partitions in question.

Note
If under System -> Security, “Siren Delay (user-based)” is enabled (> 0), this menu item does **not** appear here.
And the entire behaviour of the siren delay (ARC) is blocked!

Note
The main purpose of the siren delay is to give communication with the ARC time and to be able to react from there, before the siren warns the intruder that the alarm has been triggered.

The siren delay occurs when:

Partition -> Alarm reaction -> Siren + ESCC Reporting / Flash + ESCC Reporting
Communication ARC: yes
Confirmation -> Confirmation Mode -> Basic
Sounder On -> Confirm
Exceptions: Unconfirm see below
Siren On -> Confirm

Settings		**Effect**
Sounder On	**Siren On**	
Unconfirm	Unconfirm	**Unconfirmed alarm**: the internal sounders and sirens sound **constantly** and for the entire *siren time*

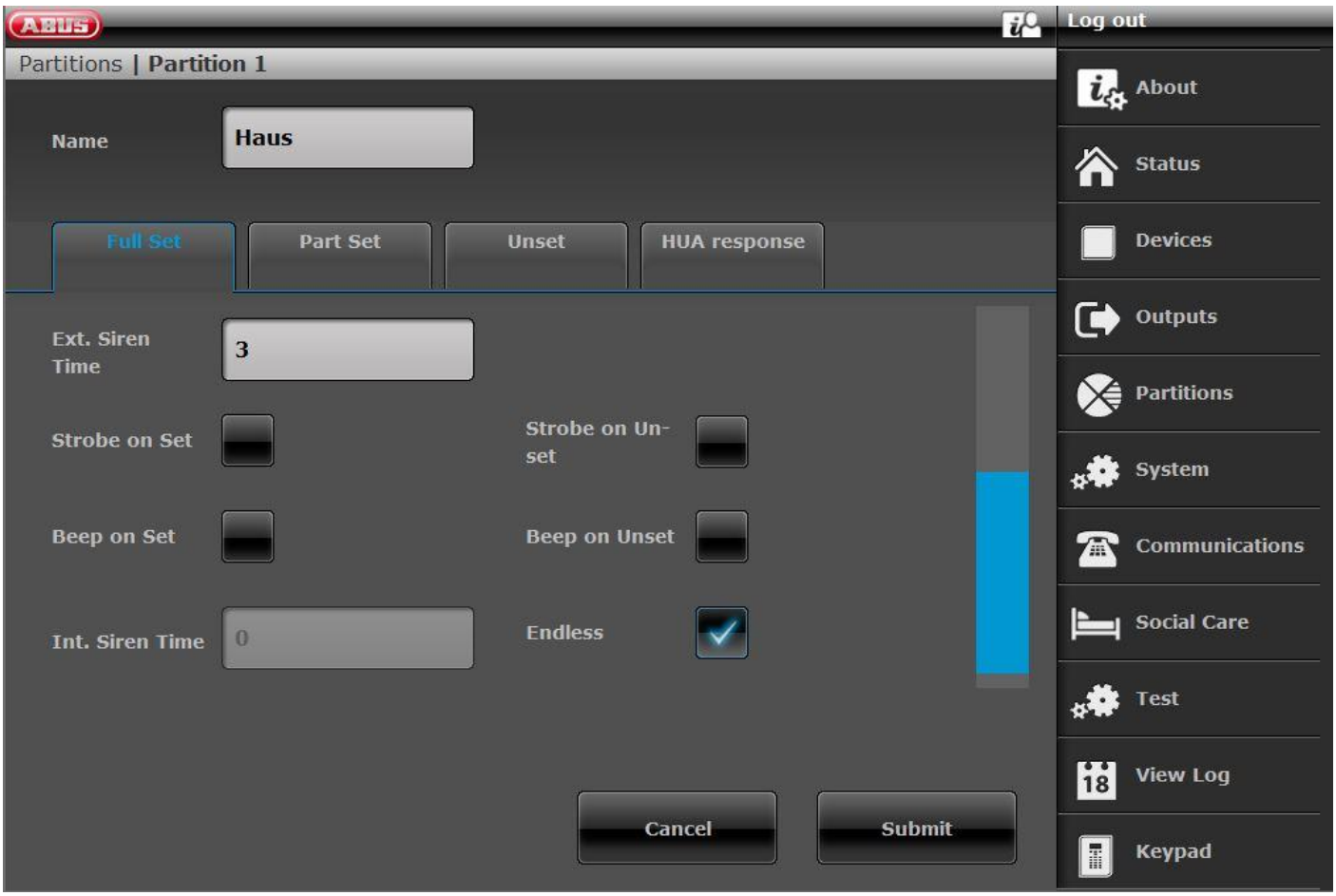
		Confirmed alarm: the alarm panel retriggers the sirens and internal sounder, which then sound for the entire *siren time*, even if this has previously elapsed.
Unconfirm	Confirm	**Unconfirmed alarm**: the internal sounders sound constantly and for the entire *siren time. No* external sirens
		Confirmed alarm: the alarm panel waits for a potential ***siren delay*** and then starts both the internal sounder and the external sirens. These both sound for the entire siren time.
Confirm	Confirm	**Unconfirmed alarm:** No sounders or sirens.
		Confirmed alarm: the alarm panel waits for a potential ***siren delay*** and then starts both the internal sounder and the external sirens. These both sound for the entire *siren time*.

No siren delay if:

No siren delay if Unconfirm for both (factory settings). See table above.

1. The siren delay does not come into effect if the alarm reaction mode does not require any communication or if a wiring error is identified.
2. The siren delay also does not come into effect when System Options -> Confirmation mode is set to DD243 or BS8243 OR System options -> Confirmation -> Sirens On is set to “Unconfirm”.
3. Sounders to which two or more partitions have been assigned use the shortest siren delay among the partitions assigned to the sounder.
The siren delay is also prevented when System Options - Confirmation Mode is set to Basic and Siren On is set to “Unconfirm” (default settings). These are the default settings for the alarm panel.
The siren delay is also prevented when the ARC communication is disarmed.

No siren delay in the case of fire alarm, panic alarm or 24h alarm.



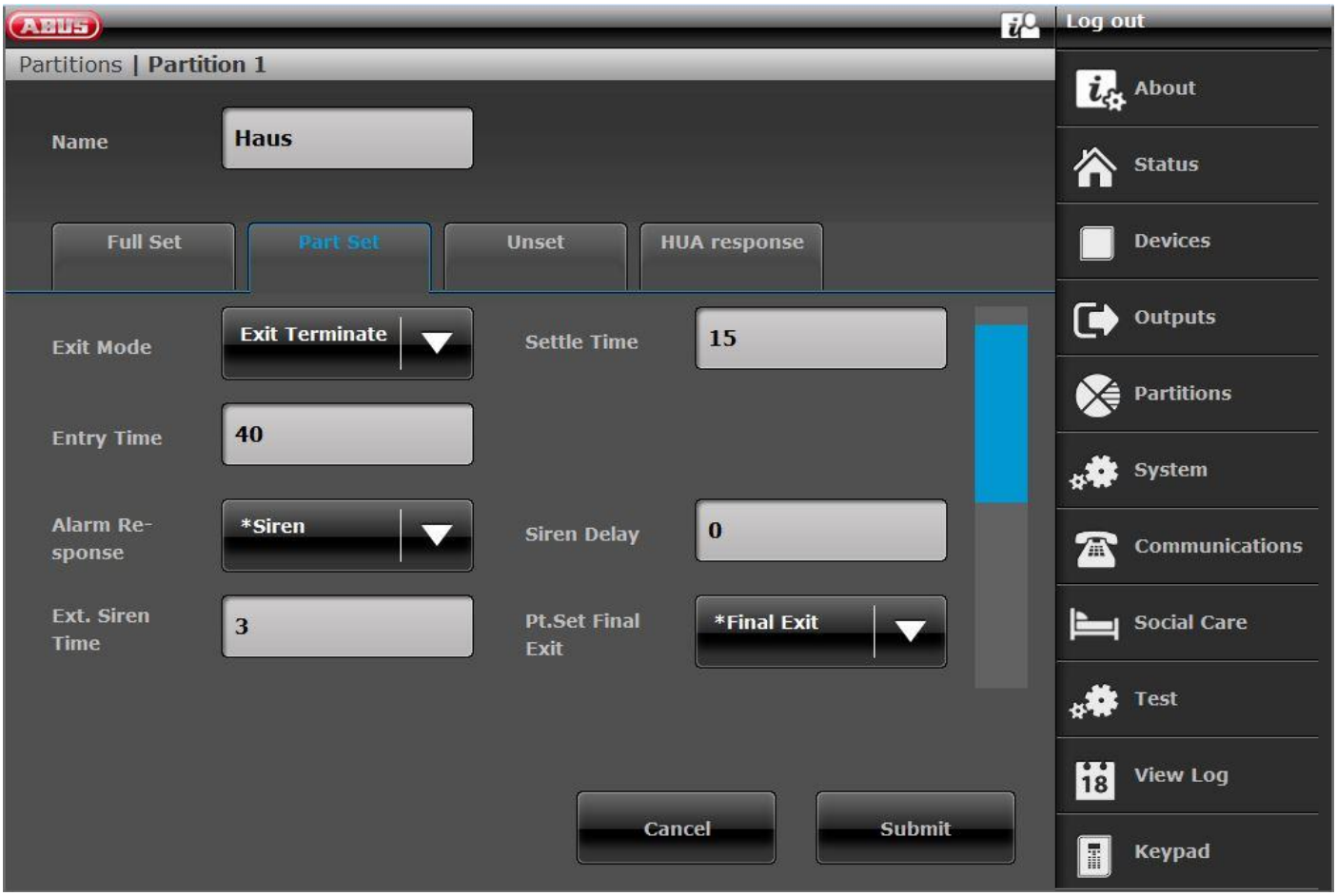
Name/function	Explanation
Ext. Siren Time [min]	Time for the duration of the external siren(s) in minutes. The siren time can be set to a value between 0 and 15 min. If sounders are assigned to multiple partitions, the alarm panel uses the longest siren time set for the partitions in question. The time for which the sounders are active can also be extended to the longest siren delay for that partition.
Strobe on Set	**On** After successfully arming the partition, there is **one** visual acknowledgement on the wireless external siren. "Strobe" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully arming the partition, there is **no** visual acknowledgement on the wireless external siren.
Strobe on Unset	**On** After successfully disarming the partition, there is **one** visual acknowledgement on the wireless external siren. "Strobe" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully disarming the partition, there is **no** visual acknowledgement on the wireless external siren.

Name/function	Explanation
Beep on Set	**On** After successfully arming the partition, there is **one** acoustic acknowledgement on the wireless external siren. "Siren" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully arming the partition, there is **no** acoustic acknowledgement on the wireless external siren.
Beep on Unset	**On** After successfully disarming the partition, there is **one** acoustic acknowledgement on the wireless external siren. "Siren" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully disarming the partition, there is **no** acoustic acknowledgement on the wireless external siren.
Int. siren time [min]	Time for the duration of the internal siren(s) in minutes after a burglar alarm. The siren time can be set to a value between 0 and 20 min. If sounders are assigned to multiple partitions, the alarm panel uses the longest siren time set for the partitions in question. The time for which the sounders are active can also be extended to the longest siren delay for that partition. **Note** Internal sirens always sound after a fire or hold up alarm until the alarm is confirmed by a user for safety reasons. For safety reasons there is no time limit for a fire alarm or hold up alarm. Special response when an entry delay is used: **Requirement** • The internal sounders (alarm panel, wireless indoor siren, wireless info module) are muted again after the internal siren time has expired. • The alarm panel has automatically rearmed. • (See also "Installer Mode → System -> Security → Auto Rearm") **Response** • If you now enter the entrance area ("Final Door" and "Entry/Exit Follow" detectors are opened), the internal sounders (alarm panel, wireless indoor siren, wireless info module) emit an **alarm tone**. • The **normal entry tone** is **not signalled** in this case.

Name/function	Explanation
Siren time int. [min], cont.	**Note** When the entry delay is used, you would usually expect to hear the normal entry tone. This entry tone should be heard as long as the entry delay is running. If you hear an alarm tone after opening the entrance door, you know immediately that the alarm panel has detected an intrusion during your absence. The delay time runs anyway. Disarm the alarm panel within the delay time. **Do so only if you feel it is safe, however. An intruder could still be inside the property!** If you do not disarm the system, an additional burglar alarm is triggered once the delay time has expired. **Notify others who have access to your property of this response of the alarm panel.**
Endless	**On** Internal sirens signal the alarm tone until an alarm is acknowledged by a user. **Off** The time for the duration of the internal siren(s) is used.

Configure partitions

Part Set



Name/function	Explanation
Name	Unique name of the partition. The partition can be assigned an individual name here, e.g. apartment, workshop, office. Max. 12 characters are allowed. The alarm panel displays this name during arming.
Part set	Settings for the internal arming of the partition
Exit Mode	Select the mode of internal arming when exiting the premises. Note: See also user guide Chapter "8. Arming and disarming the system" **Timed Set** • Use this option to internally arm the partition only after a set delay time. Under "Exit time" select the corresponding time. The alarm panel logs the start of this timed internal arming. • This option does not comply with BS8243:2010.

Name/function	Explanation
Exit Mode, cont.	**Final Door Set** • Use this option to complete internal arming of a partition by closing the last exit door. This door has a detector with zone type "Final Door". When the door is closed, the partition is internally armed once the settle time has expired. • Note that the exit time for this option is unlimited, i.e. when the zone is closed (closed door) the alarm panel waits until this zone is opened and then closed again before internally arming. • The alarm panel saves the start time of internal arming (and not the internal arming itself) in the log book. • Do not attempt to use a PIR zone as a "Final Door" for a partition. PIR wireless detectors has a "lock" time period after each arming, in order to save battery power. If a partition is armed (or internally armed), a PIR detector may still be locked. During this time it cannot send signals to complete the arming process. **Instant Set** • The partition is internally armed immediately without any acoustic warning tone. If the partition has been internally armed, an acoustic confirmation sounds. • Note: This option does not comply with BS8243:2010. **Silent Set** • The partition is internally armed after the exit time has expired. Under "Exit time" select the corresponding time. However, no warning tone sounds during this time. If the partition has been internally armed, an acoustic confirmation sounds. The alarm panel saves the start time in the log book. • During entry time the acoustic warning tone can be heard. • Note: This option does not comply with BS8243:2010. **Lock Set** • The "Lock Set" mode affects both internal arming and disarming of the partition. • For this mode, a detector with zone type "Lock Set" and a detector with zone type "Final Door" must be assigned at the last exit door. The detector with zone type "Lock Set" is operated with a lock switch contact on a suitable lock. **Internally arming the partition** • The user must first start the arming sequence using the user code, proximity keyfob or remote control. The alarm panel then sounds the exit tone and saves the start time in the log book. If the "Final Door" zone is open, the alarm panel emits a continuous exit tone. The exit tone sounds until the user: a) closes the last exit door and then b) locks the door and therefore activates the lock switch contact. After the lock switch contact is activated, the partition is internally armed once the settle time has expired. The "Final Door" zone is also converted into a "Normal Alarm" zone. The alarm panel saves the activation of the "Lock Set" zone in the log book. •

Name/function	Explanation
Exit Mode, cont.	**Disarming the partition** • The user unlocks the door and therefore activates the lock switch contact. The "Lock Set" zone is opened. The alarm panel saves the activation of the "Lock Set" zone in the log book. The original "Final Door" zone which was converted into a "Normal Alarm" zone is switched back into a "Final Door" zone. The entry time starts when the door is opened. The entry tone sounding at this point is different from a normal entry tone. • If the user locks the door again without starting the entry time, the alarm panel remains armed and the "Final Door" zone is converted again into a "Normal Alarm" zone. The alarm panel stops the warning tone. • To comply with BS8243, "After Entry" must be set to "Never" in order to prevent confirmation. **Exit Terminate** **Internally arming the partition** • The user must first start the arming sequence. Then the user ends the arming process after existing the monitoring area. • The user can start the arming sequence using the user code, proximity keyfob or remote control. (Note: arming with remote control must not be set to "Instant", Installer Mode->System->User Access->Remote Inst. Set). • The user ends arming by activating a zone with type "Exit Terminate" (see explanation of zone types). • Note that the exit time is unlimited with this option, i.e. the alarm panel waits until it receives the signal to end the arming process before it arms. The alarm panel emits the exit tone during this time. The alarm panel saves the start time of arming (and not the arming itself) in the log book. The partition is armed after the settle time has expired. **Disarming the partition** • The user can use the remote control. The user can also open the door. The "Final Door" zone at this door starts the entry time. During entry time the user must disarm the partition using the user code or proximity keyfob at the alarm panel or control device. (The last method is not compliant with BS8243 clause 6.4.) **As SA (partition) 1** This option is available for partitions 2, 3 and 4. If this option is selected, the alarm panel uses the same type as for partition 1.

Name/function	Explanation
Settle time [s]	This option only appears for modes "Final Door Set", "Lock Set" and "Exit Terminate". Use this option to define a time delay so that detectors can settle before the partition is internally armed. This may be necessary if detectors have triggered, send an alarm signal and have still not been reset. During this time the alarm panel ignores alarm signals from detectors and sirens are not triggered. Enter the time in seconds as a 2-digit number: 01–30. The factory default for the settle time is 15 s. In this time the wireless PIRs located at the exit which have triggered can settle and be reset.
Exit Time [s]	This option only appears for modes "Timed Set" and "Silent Set". Time for the exit delay in seconds. The exit time can be any value between 10 s and 120 s.
Entry Time [s]	Time for the entry delay in seconds. The entry time can be any value between 10 s and 120 s.
Alarm Response	Select the response here for when an alarm occurs in this partition. **Internal** • Alarm panel, indoor siren, info module and control device. **Siren** • Alarm panel, indoor siren, info module and control device. • External Sirens **Sirens and ESCC reporting** • Alarm panel, indoor siren, info module and control device. • External Sirens • Communication with ARC/ESCC A siren delay goes into effect for alarm response "Siren + ESCC reporting". **Strobe** • Alarm panel, indoor siren, info module and control device. • Outdoor sirens (with STROBE only) **Strobes and ESCC reporting** • Alarm panel, indoor siren, info module and control device. • Outdoor sirens (with STROBE only) • Communication with ARC/ESCC A siren delay goes into effect for alarm response "Strobe + ESCC reporting". Note When “Siren Delay (user-based)” is enabled (> 0), the behaviour of the siren delay is as follows: Siren Delay (User) **only** affects the outdoor sirens when it comes to the following configurations: **Partition -> Alarm reaction** Sirens and ESCC reporting or

Strobes and ESCC reporting
In the other variants
internal, siren and strobe
this siren delay is effective for all components (alarm panel, indoor siren, information module, control panel and outdoor siren). This means that all these components only signal after the delay time has elapsed.

Note
This does not affect the voice dialler, text message, email and push notification communication methods.

Note
regarding Partition -> Alarm reaction
The fire zone type, the fire double keys on the alarm panel and the fire double keys on the control panel **always** trigger an ARC/ESCC reporting if the call mode for ARC/ESCC reporting is enabled and if the "Fire" group is enabled for CID/SIA events.
Example:
Partition X -> Alarm reaction -> Siren
Fire alarm transmission to ARC/ESCC

Name/function	Explanation
Siren Delay [min] (ARC)	Time for the delay duration of the siren(s). The siren delay can be set to a value between 0 and 10 min. When an alarm has been triggered the alarm panel waits until this time has expired before it activates the sirens. **Note** The siren delay only goes into effect when the alarm response includes comms. The siren delay does not go into effect when a comms fault occurs. The siren delay will not be active when "Installer Mode->System->Confirmation->Confirmation Mode->DD243 or BS8243" and "Installer Mode->System->Confirmation->Siren On ->Unconfirm" are set. If sounders (or just control devices?) are assigned to multiple partitions, the alarm panel uses the shortest siren delay set for the partitions in question. **Note** Detailed information on the siren delay can be found under Siren Delay Partitions All Set. **Note** If under System -> Security, “Siren Delay (user-based)” is enabled (> 0), this menu item does **not** appear here. And the entire behaviour of the siren delay (ARC) is blocked!
Ext. Siren Time [min]	Time for the duration of the external siren(s) in minutes. The siren time can be set to a value between 0 and 15 min. If sounders (or just control devices?) are assigned to multiple partitions, the alarm panel uses the longest siren time set for the partitions in question. The time for which the sounders are active can also be extended to the longest siren delay for that partition.
Pt.Set Final Exit	This option controls how a "Final Door" zone is handled when the system is internally armed. **Final Door** • Every zone in this partition with type "Final Door" and the attribute "Part Set" continues to function as a "Final Door" zone. **Normal Alarm** • Every zone in this partition with type "Final Door" and the attribute "Part Set" functions as a "Normal Alarm" zone.

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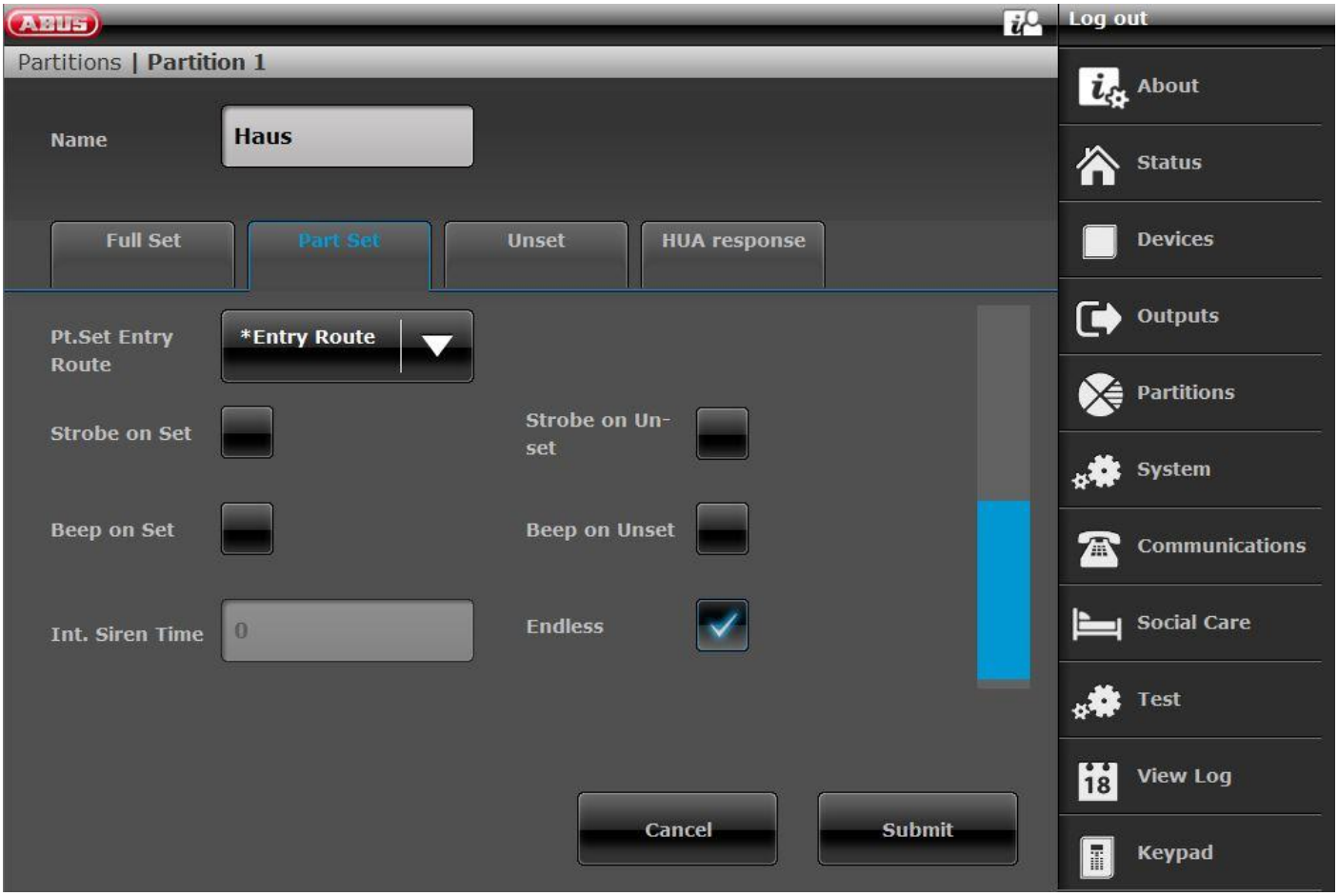


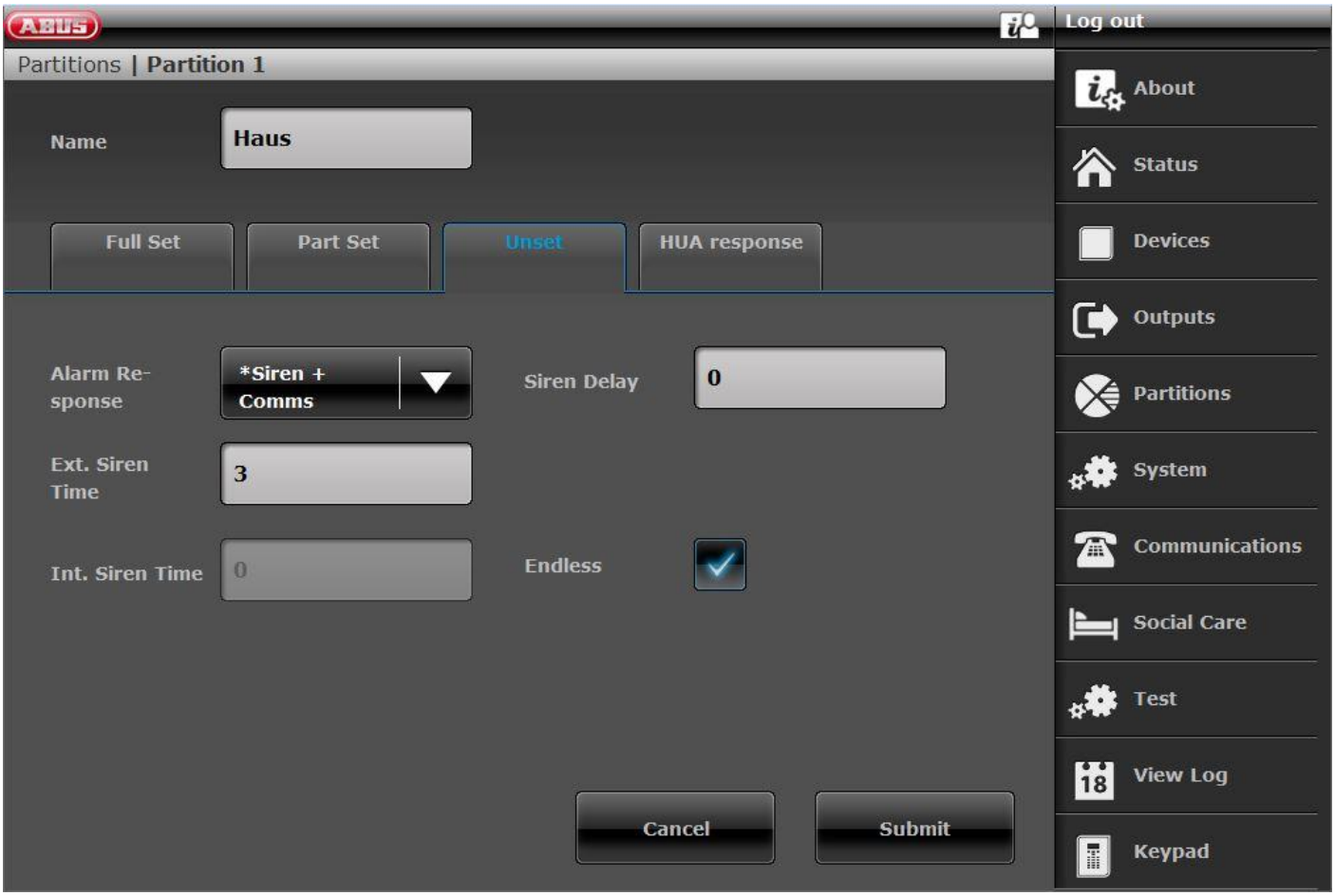
Name/function	Explanation
Pt.Set Entry Route	This option controls how an "Entry Route" zone is handled when the system is internally armed. **Entry Route** • Every zone in this partition with type "Entry Route" and the attribute "Part Set" continues to function as an "Entry Route" zone. **Final Door** • Every zone in this partition with type "Entry Route" and the attribute "Part Set" functions as a "Final Door" zone.
Strobe on Set	**On** After successfully internally arming the partition, there is **one** visual acknowledgement on the wireless external siren. "Strobe" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully internally arming the partition, there is **no** visual acknowledgement on the wireless external siren.
Strobe on Unset	**On** After successfully disarming the partition, there is **one** visual acknowledgement on the wireless external siren. "Strobe" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully disarming the partition, there is **no** visual acknowledgement on the wireless external siren.

Name/function	Explanation
Beep on Set	**On** After successfully internally arming the partition, there is **one** acoustic acknowledgement on the wireless external siren. "Siren" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully internally arming the partition, there is **no** acoustic acknowledgement on the wireless external siren.
Beep on Unset	**On** After successfully disarming the partition, there is **one** acoustic acknowledgement on the wireless external siren. "Siren" outputs are activated for 10 s after successfully arming the partition. **Off** After successfully disarming the partition, there is **no** acoustic acknowledgement on the wireless external siren.
Int. siren time [min]	Time for the duration of the internal siren(s) in minutes after a burglar alarm. The siren time can be set to a value between 0 and 20 min. If sounders are assigned to multiple partitions, the alarm panel uses the longest siren time set for the partitions in question. The time for which the sounders are active can also be extended to the longest siren delay for that partition. **Note** Internal sirens always sound after a fire or hold up alarm until the alarm is confirmed by a user for safety reasons. For safety reasons there is no time limit for a fire alarm or hold up alarm. **Special response when an entry delay is used** **Requirement** • The internal sounders (alarm panel, wireless indoor siren, wireless info module) are muted again after the internal siren time has expired. • The alarm panel has automatically rearmed (see also "Installer Mode → System -> Security → Auto Rearm"). **Response** • If you now enter the entrance area ("Final Door" and "Entry/Exit Follow" detectors are opened), the internal sounders (alarm panel, wireless indoor siren, wireless info module) emit an **alarm tone**. • The **normal entry tone** is **not signalled** in this case.

Name/function	Explanation
Siren time int. [min], cont.	**Note** When the entry delay is used, you would usually expect to hear the normal entry tone. This entry tone should be heard as long as the entry delay is running. If you hear an alarm tone after opening the entrance door, you know immediately that the alarm panel has detected an intrusion during your absence. The delay time runs anyway. Disarm the alarm panel within the delay time. **Do so only if you feel it is safe, however. An intruder could still be inside the property!** If you do not disarm the system, an additional burglar alarm is triggered once the delay time has expired. **Notify others who have access to your property of this response of the alarm panel.**
Endless	**On** Internal sirens signal the alarm tone until an alarm is acknowledged by a user. **Off** The time for the duration of the internal siren(s) is used.

Configure partitions

Deactivated



Name/function	Explanation
Alarm Response	Select the response here for when an alarm occurs in this partition. **Internal** • Alarm panel, indoor siren, info module and control device. **Siren** • Alarm panel, indoor siren, info module and control device. • External Sirens **Sirens and ESCC reporting** • Alarm panel, indoor siren, info module and control device. • External Sirens • Communication with ARC/ESCC A siren delay goes into effect for alarm response "Siren + ESCC reporting". **Strobe** • Alarm panel, indoor siren, info module and control device. • Outdoor sirens (with STROBE only) **Strobes and ESCC reporting** • Alarm panel, indoor siren, info module and control device. • Outdoor sirens (with STROBE only) • Communication with ARC/ESCC

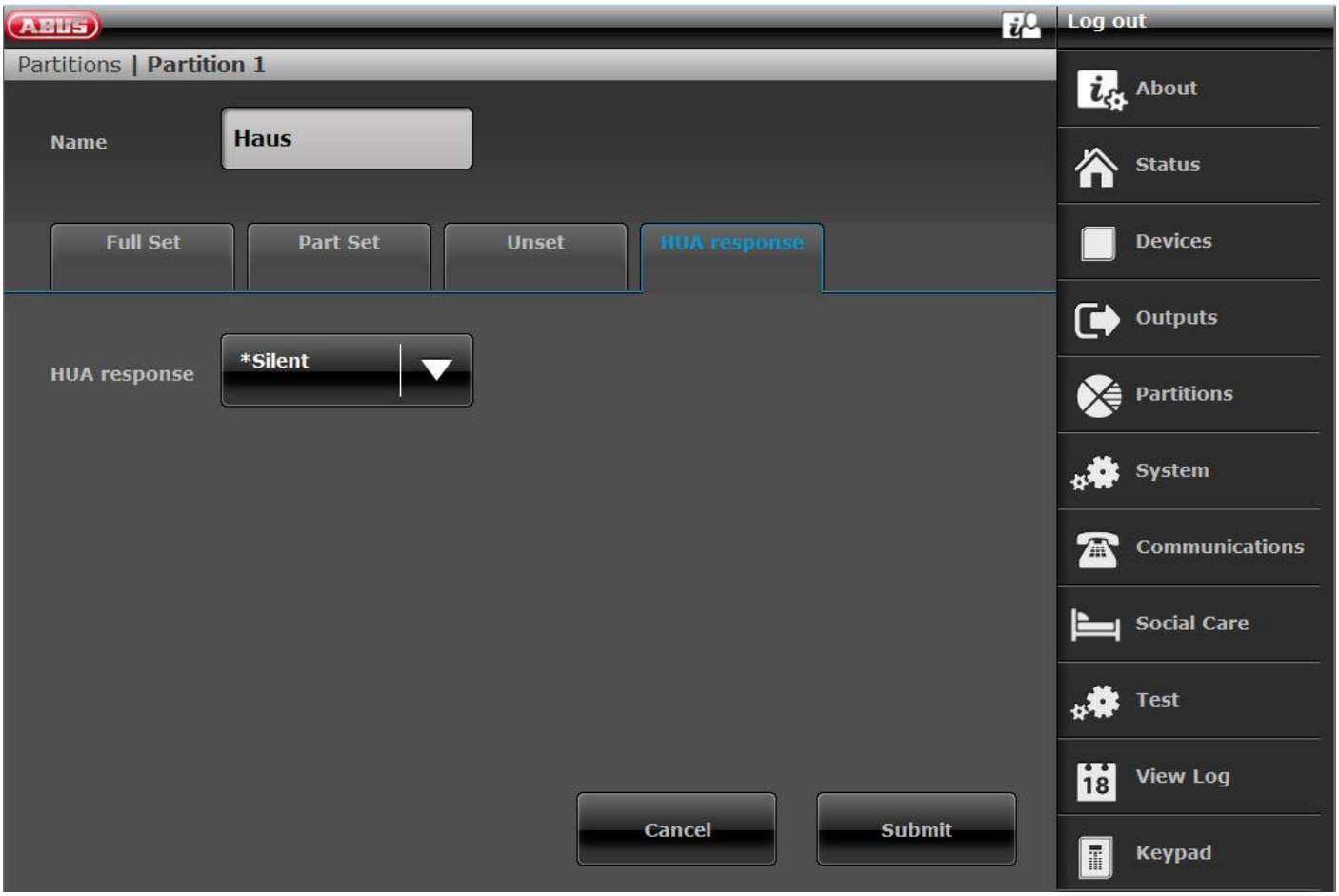
	A siren delay goes into effect for alarm response "Strobe + ESCC reporting". Note When “Siren Delay (user-based)” is enabled (> 0), the behaviour of the siren delay is as follows: Siren Delay (User) **only** affects the outdoor sirens when it comes to the following configurations: **Partition -> Alarm reaction** Sirens and ESCC reporting or Strobes and ESCC reporting In the other variants internal, siren and strobe this siren delay is effective for all components (alarm panel, indoor siren, information module, control panel and outdoor siren). This means that all these components only signal after the delay time has elapsed. Note This does not affect the voice dialler, text message, email and push notification communication methods. Note regarding Partition -> Alarm reaction The fire zone type, the fire double keys on the alarm panel and the fire double keys on the control panel **always** trigger an ARC/ESCC reporting if the call mode for ARC/ESCC reporting is enabled and if the "Fire" group is enabled for CID/SIA events. Example: Partition X -> Alarm reaction -> Siren Fire alarm transmission to ARC/ESCC
Siren Delay [min] (ARC)	Time for the delay duration of the siren(s). The siren delay can be set to a value between 0 and 10 min. When an alarm has been triggered the alarm panel waits until this time has expired before it activates the sirens. **Note** The siren delay only goes into effect when the alarm response includes comms. The siren delay does not go into effect when a comms fault occurs. The siren delay will not be active when "Installer Mode->System->Confirmation->Confirmation Mode->DD243 or BS8243" and "Installer Mode->System->Confirmation->Siren On ->Unconfirm" are set. If sounders are assigned to multiple partitions, the alarm panel uses the shortest siren delay set for the partitions in question.

	 Note Detailed information on the siren delay can be found under Siren Delay Partitions All Set. **Note** If under System -> Security, “Siren Delay (user-based)” is enabled (> 0), this menu item does **not** appear here. And the entire behaviour of the siren delay (ARC) is blocked!
Siren time Ext. [min]	Time for the duration of the external siren(s) in minutes. The siren time can be set to a value between 0 and 15 min. If sounders (or just control devices?) are assigned to multiple partitions, the alarm panel uses the longest siren time set for the partitions in question. The time for which the sounders are active can also be extended to the longest siren delay for that partition.

Name/function	Explanation
Siren time Int. [min]	Time for the duration of the internal siren(s) in minutes after a burglar alarm. The siren time can be set to a value between 0 and 20 min. If sounders are assigned to multiple partitions, the alarm panel uses the longest siren time set for the partitions in question. The time for which the sounders are active can also be extended to the longest siren delay for that partition. **Note** Internal sirens always sound after a fire or hold up alarm until the alarm is confirmed by a user for safety reasons. For safety reasons there is no time limit for a fire alarm or hold up alarm. **Special response when an entry delay is used** **Requirement** • The internal sounders (alarm panel, wireless indoor siren, wireless info module) are muted again after the internal siren time has expired. • The alarm panel has automatically rearmed (see also "Installer Mode → System -> Security → Auto Rearm"). **Response** • If you now enter the entrance area ("Final Door" and "Entry/Exit Follow" detectors are opened), the internal sounders (alarm panel, wireless indoor siren, wireless info module) emit an **alarm tone**. • The **normal entry tone** is **not signalled** in this case. **Note** When the entry delay is used, you would usually expect to hear the normal entry tone. This entry tone should be heard as long as the entry delay is running. If you hear an alarm tone after opening the entrance door, you know immediately that the alarm panel has detected an intrusion during your absence. The delay time runs anyway. Disarm the alarm panel within the delay time. **Do so only if you feel it is safe, however. An intruder could still be inside the property!** If you do not disarm the system, an additional burglar alarm is triggered once the delay time has expired. Notify others who have access to your property of this response of the alarm panel.
Endless	On **Internal sirens signal the alarm tone until an alarm is acknowledged by a user.** Off **The siren time for the duration of the internal siren(s) is used.**

Configure partitions

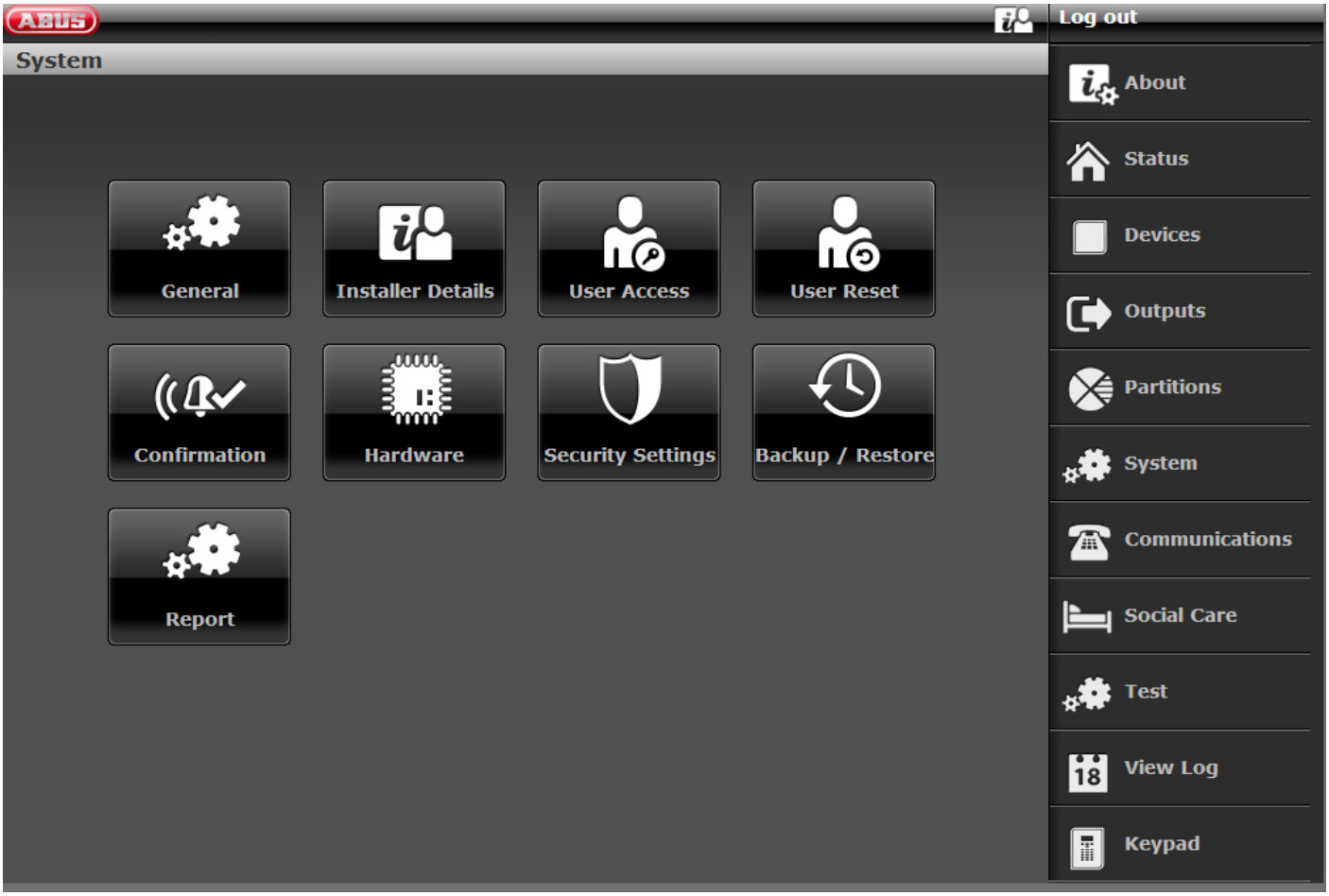
Panic response:



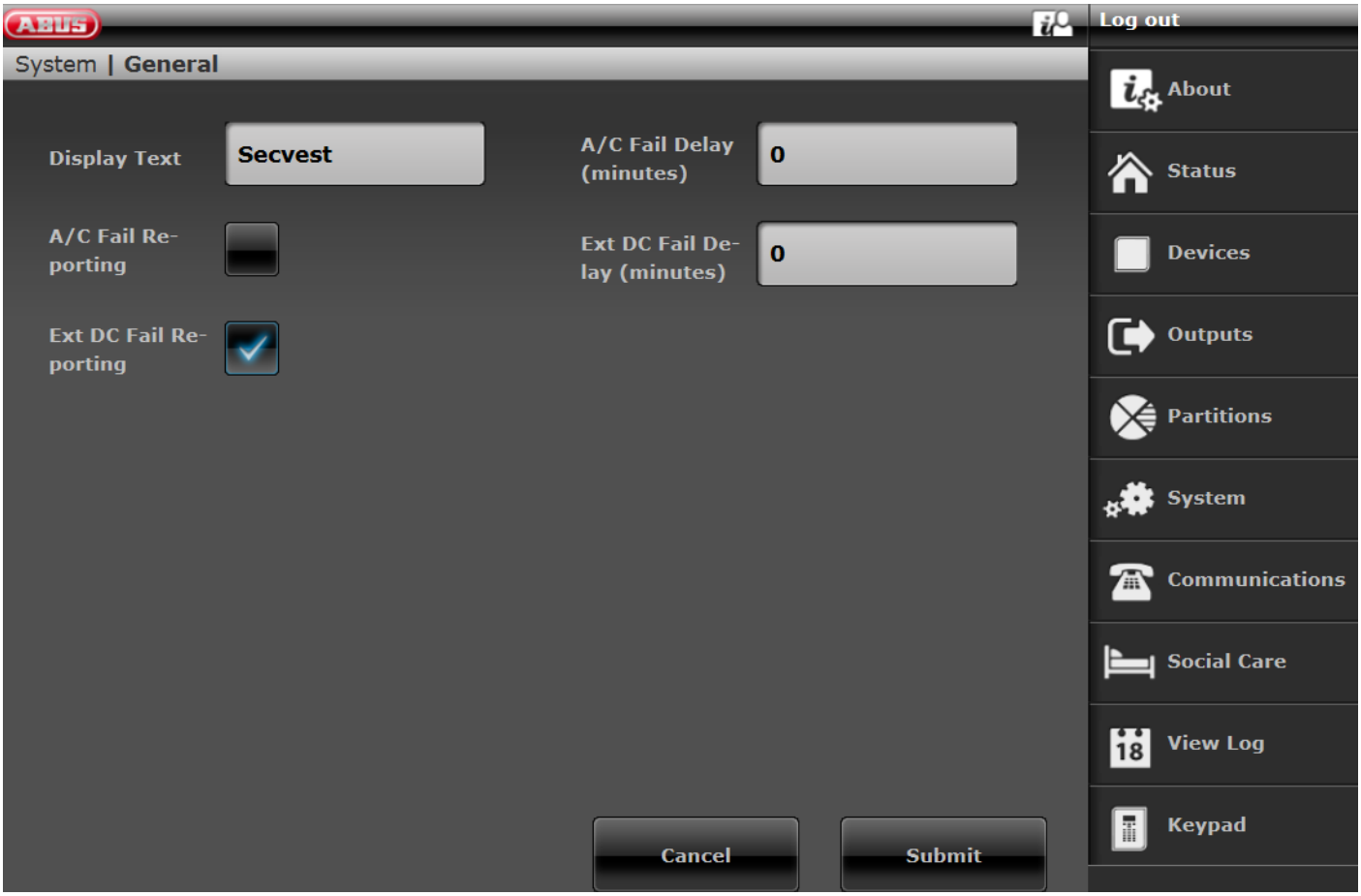
Name/function	Explanation
Name	Unique name of the partition
Panic response:	Select here the type of signalling used for a hold up alarm in the selected partition: **Audible** • When a hold up alarm is triggered, communication is sent and the acoustic alarm is sounded via the applicable sounders and the connected sirens (according to the set siren time). • A triangle warning appears on the alarm panel display to indicate the hold up alarm. • Details are displayed after a user code is entered. • The acoustic alarm is muted after a user code is entered. **Silent** • The hold up alarm is only signalled using communication messages. • There is no audible acoustic alarm. • "Siren" and "Hold Up" outputs are not activated. • The hold up alarm is **not** shown on the alarm panel display. • The display only indicates the hold up alarm when a user operates the alarm panel.

Name/function	Explanation
HUA response, cont.	**Displayed** • When a hold up alarm is triggered, communication is sent and the acoustic alarm is sounded via the applicable sounders and the connected sirens (according to the set siren time). • The hold up alarm and details are shown on the alarm panel display. (No user code must be entered to view the details.) The acoustic warning is triggered on the alarm panel at the same time. "Siren" and "Hold Up" outputs are activated. **Note** No hold up alarms can be triggered or communicated when the system is in installer mode.

System


ABUS
Log out
System
General
Installer Details
User Access
User Reset
Confirmation
Hardware
Security Settings
Backup / Restore
Report
About
Status
Devices
Outputs
Partitions
System
Communications
Social Care
Test
View Log
Keypad

General



Name/function	Explanation (checkbox)
Language	Only available on the alarm panel. Select the desired language with the desired version. **Note** The language file must be updated BEFORE updating the application file. See the "S/W upgrade with new SD card files" chapter in the appendix
Display Text	Name shown on the Secvest display. Max. 20 characters From S/W 1.01.00 onwards, max. 16 characters (reason: compatibility with the ABUS server)
Restore defaults	**Only available on the alarm panel.** Factory settings staggered Factory settings **Note** Create a back-up copy of the configuration before resetting the alarm panel to factory settings. You can do this via the alarm panel itself or the web interface. Details on this can be found in the "Backup/restore" chapter.

Factory settings staggered

Only available on the alarm panel.

This menu option can be used to reset parts of the programming of the alarm panel to the factory settings without affecting the entire system.

Note
A reset

- does **not** delete the log book

You can select one or more of the following options:

Note
The default factory settings values are contained in the Appendix.

Option	Effect
User	Deletes all users, including their codes, proximity tags, remote controls, panic alarms, medical emergency transmitters and emergency call buttons. After the reset you will be prompted to enter a new installer code and a new administrator code. This option has the same effect as using “Code Reset Pins“ . See Chapter "Device overview -> Device rear" for more details.
Zones	Resets all zones; type, partitions and attributes. In wireless zones, the alarm panel holds the IDs of all detectors that have already been taught in in the alarm panel.
Wireless components	Deletes the IDs of taught-in wireless components. Scroll through the list of components and select Yes for every type that you want to delete. Then press OK to confirm your selection. All components Deletes all taught-in wireless components Detectors Deletes only these components. The zones are also reset. Ext. Sirens Deletes only these components. Int.Sirens Deletes only these components. Wireless control panel Deletes only these components. WAM Deletes only these components. Door locks Deletes only these components. RF repeater Deletes only these components.

Outputs	Resets all outputs; type, partitions and attributes.
Activations	Resets all activations, e.g. output mode. This applies to the “Partitions” menu and the “Time schedules active/inactive” user menu.
System	Resets all options in the “System” menu. Resets all options in the “Configuration” user menu. **Note** **Not** reset in the “Configuration” user menu: • Activity monitor • Remote controls • Web Access • Level 4 updates • Time schedules enabled/disabled
• Communica-tion	Resets all options in the “Communication” menu. Specifically also the menu “Network -> Network Setup -> Web Server Blocked/Enabled” This also applies to the menu “System -> Security -> Level4 Updates”.

Factory settings

Only available on the alarm panel.

This menu item resets the device back to its factory defaults.

Note
The default factory settings values are contained in the Appendix.

After confirmation the following menus appear:
Language
- Deutsch x.yz – installed
- English x.yz
- Nederlands x.yz
- Francais x.yz
- Dansk x.yz
- Svenska x.yz
- Italiano x.yz
- Español x.yz
- Polski x.yz
- …

Note
Only the languages available for the corresponding article number are shown.

Upgrade Panel Application
- v2.00.00 – installed

- v2.00.00 07/10/2016 (2621440)
- v1.01.02 25/07/2016 (2293760)
- v1.01.00 16/02/2016 (2293760)
- v1.00.04 01/10/2015 (2293760)
- v1.00.02 26/05/2015 (2293760)
- …

Country Defaults

- UK
- Italy
- Spain
- Portugal
- Netherlands
- France
- Belgium
- Germany
- Switzerland
- Austria
- Ireland
- Norway
- Denmark
- Sweden
- Greece
- Luxembourg

Note

Every country has different settings for PSTN communication and alarm reporting or the start and end of summer/winter time (daylight saving time).
Changing the country settings does not change the selected language.

The country defaults are used for the following:

All countries

Automatic time adjustment for summer/winter time (start and end of summer time, country-specific)

France

FTA (First To Alarm zone lockout) operation
This locks the zone in which the alarm was first triggered in a partition so that it cannot trigger any further alarms/faults until the zone has been re-stored or the alarm control panel has been disarmed.

Denmark

PSTN modem ring tone detection
The PSTN modem ring tone detection algorithm must allow additional time between the ring tones to establish whether the ringing has stopped. 6 s is normal, but for Denmark it is 8 s.

Netherlands

The handshake tone frequencies for Fast Format and the Scan-com/Scanfast social care protocols are different in the Netherlands. Usually, the handshake tone frequencies for Fast Format are 1400 Hz/2300 Hz but they are 1600 Hz/2000 Hz in the Netherlands.

Default settings

The following factory defaults are currently affected by the country defaults, see below and the "Factory defaults" appendix.

UK
"Installer Mode -> System -> Security -> Jamming" "TAMPER PROTECTION" factory default
and
"Installer Mode -> System -> Security -> Supervision" "TAMPER PROTECTION" factory default
to fulfil PD6662:2010
All other countries, FAULT factory default

"Installer Mode -> System -> Confirmation -> Confirmation Mode" BS8243 default setting

All other countries, BASIC factory default

Germany (S/W >= 1.01.00)
"Installer Mode -> Partitions -> Partitions 1–4 -> All set -> Siren time ext. -> 3 minutes"
"Installer Mode -> Partitions -> Partitions 1–4 -> Internal set -> Siren time ext. -> 3 minutes"

All other countries and Germany (S/W < 1.01.00), 15 minutes factory default

Access Code Length

- 4-digit user code
- 6 digit user code

Note

You can delete all users with the help of the this menu.

For further information, please refer to the instructions under System -> Security-> 6 digit user code.

Wired Zone Type

- 2-wire FSL 2k2/4k7
- 2-wire FSL 1k/1k
- 2-wire FSL 2k/2k
- 2-wire FSL 4k7/4k7
- 4-wire CC
- 2-wire CC

Overview

- IP address: 192.168.178.002
- DHCP: On
- Version: v1.01.00
- S/N: SECVEST###E9000139AAE
- Part No.: FUAA50000

Note

Here you can see an overview of the most important data for the alarm panel.

Login

- Installer
  - Name (Web Server): <Installer names> (Code=Name)
  - Code: <Installer Code>, as assigned in the Start Wizard
- Administrator
  - Name (Web Server): <Administrator names> (Code=Name)
  - Code: <Administrator Code>, as assigned in the Start Wizard

Note

Here you can see an overview of the current data for this user.
The details are described in the individual chapters.

Name/function	Explanation (checkbox)
	Note Restoring the factory defaults: • deletes all taught-in and configured components, names and saved texts and numbers • does **not** delete the log book • does **not** delete the users with their codes and components • Does **not delete the Installer Name** and **Installer Code** • does **not delete individually recorded voice messages**. o To delete voice messages recorded by a user, use the “Confidence Test”. When the “Confidence Test” has started, confirm the key “0” “Load Defaults”. **Note** Proceed as follows to delete all users (installer, admin and normal users) when re-setting to factory settings. Immediately after completing all steps of the Factory Reset function, remove all power to the control panel (230 V / 13.8 V power supply unit and batteries). You must not exit the installer mode during this process. After restoring power, the alarm panel starts with the complete Start Wizard. **Note** You can delete individual users in the user menu. To completely delete all users, including installers, you can use "Code Rest Pins". See Chapter "Device overview -> Device rear" for more details. All users, all proximity tags, all remote controls and all emergency buttons are deleted in the process. After the reset you will be prompted to enter a new installer code and a new administrator code.
A/C Fault Reporting	**Enabled** Reports that a fault has occurred with the 230 V power supply. **Deactivated** Function not possible.
A/C Fault Delay (minutes)	Delay time in minutes (0–60 minutes) until the message is sent. If an A/C Fault occurs the alarm panel displays an error message after a few seconds, "General Fault" outputs activate and a log book entry is created (Mandatory Events). Power disruptions that last less than 9 s are not reported. If the power supply is restored within these 9 seconds, the "General Fault" outputs are reset and a log book entry is created: "Power supply restored". If the power disruption lasts longer than 9 s, the following occurs: • If the value is set to 0 min, a warning tone is sounded after 10 s and the alarm panel reports the failure. • "A/C Fault" outputs are activated. • If the value is set to higher than 0 min, this timer is started 10 s after the disruption occurs.

If the power supply is restored before the end of the set delay time, "General Fault" outputs are reset and a log book entry is created about the power restore.
No errors are reported.
If the fault still exists after the end of the configured time, a warning tone sounds and the error is reported.
"A/C Fault" outputs are activated.
A user can stop the warning tone by entering their code.
The alarm panel display shows details of the warning. "General Fault" and "A/C Fault" outputs remain activated.
If the fault has been corrected, the alarm panel deactivates the "A/C Fault" outputs and creates a log book entry about the power restore.
A user can reset the alarm and the "General Fault" outputs after entering their user code.

Note

Fault delay for ARC/ESCC reporting only applies to

- alarm panel and
- HyMo with CID 301 or SIA AT/AR

The fault communication via

- Voice dialler
- SMS
- Email
- Push

starts IMMEDIATELY.

When it comes to a PSU fault of external components

- Control panel
- Indoor sounder
- WAM
- Repeater
- HyMo

the communication

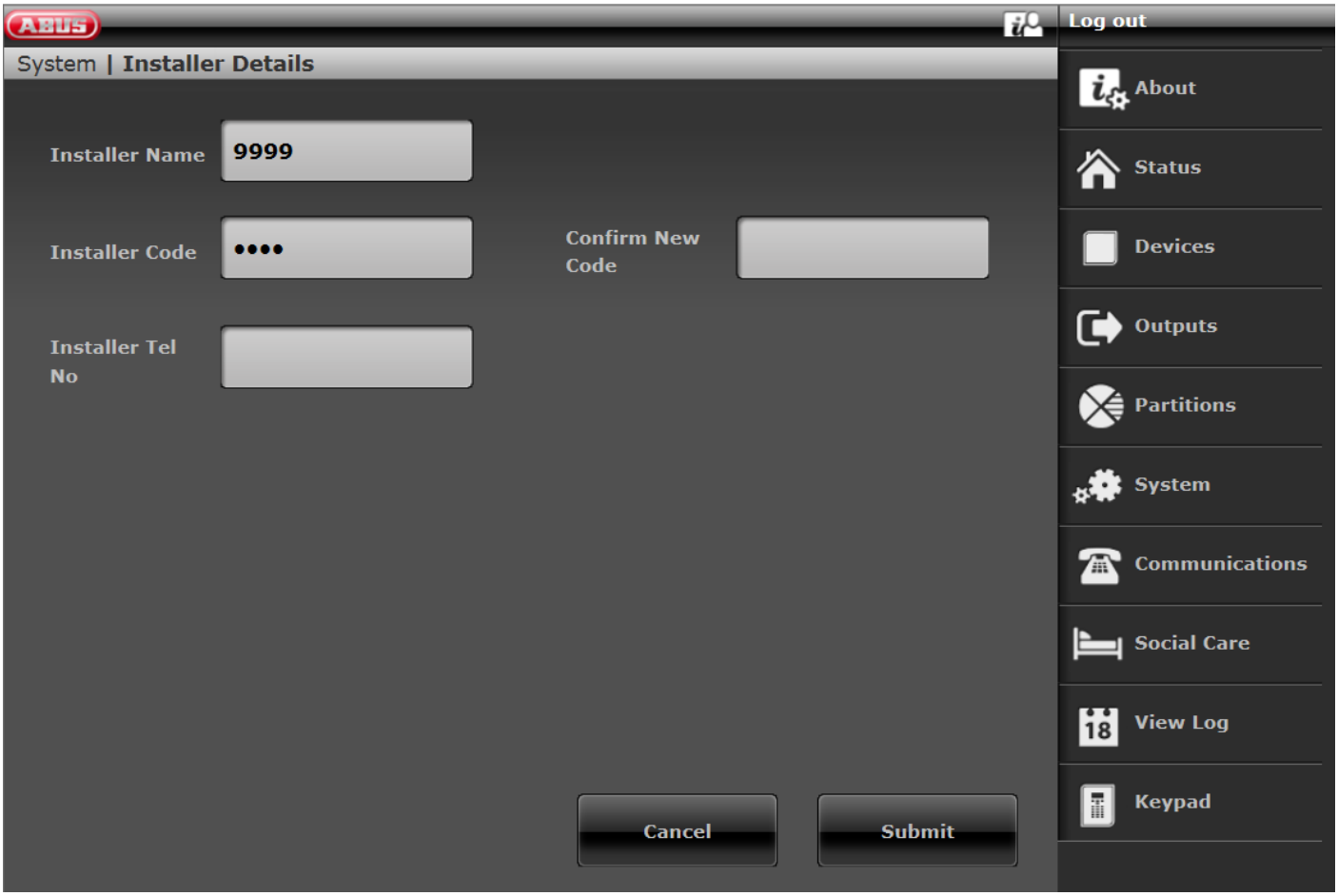
- ARC/ESCC reporting
- Voice dialler
- SMS
- Email
- Push (only "Mains Fail" (AC fault) HyMo)

starts IMMEDIATELY.

Name/function	Explanation (checkbox)
Ext DC Fault Reporting	**Enabled** Reports that a fault has occurred with the external DC power supply. **Deactivated** Function not possible.
Ext DC Fault Delay (minutes)	Delay time in minutes (0–60 minutes) until the message is sent. If a DC Fault occurs the alarm panel displays an error message after a few seconds, "General Fault" outputs activate and a log book entry is created (Mandatory Events). Power disruptions that last less than 9 s are not reported. If the power supply is restored within these 9 seconds, the "General Fault" outputs are reset and a log book entry is created: "Power supply restored". If the power disruption lasts longer than 9 s, the following occurs: • If the value is set to 0 min, a warning tone is sounded after 10 s and the alarm panel reports the failure. "DC Fault" outputs are activated. • If the value is set to higher than 0 min, this timer is started 10 s after the disruption occurs. If the power supply is restored before the end of the set delay time, "General Fault" outputs are reset and a log book entry is created about the power restore. No errors are reported. If the fault still exists after the end of the configured time, a warning tone sounds and the error is reported. "DC Fault" outputs are activated. A user can stop the warning tone by entering their code. The alarm panel display shows details of the warning. "General Fault" and "DC Fault" outputs remain activated. If the fault has been corrected, the alarm panel deactivates the "DC Fault" outputs and creates a log book entry about the power restore. A user can reset the alarm and the "General Fault" outputs after entering their user code. **Note** Fault delay for ARC/ESCC reporting only applies to • alarm panel and • HyMo with CID 301 or SIA AT/AR The fault communication via • Voice dialler • SMS • Email starts IMMEDIATELY. When it comes to a PSU fault of external components • Control panel • Indoor sounder • WAM • Repeater • HyMo the communication • ARC/ESCC reporting • Voice dialler • SMS

	• Email starts IMMEDIATELY.

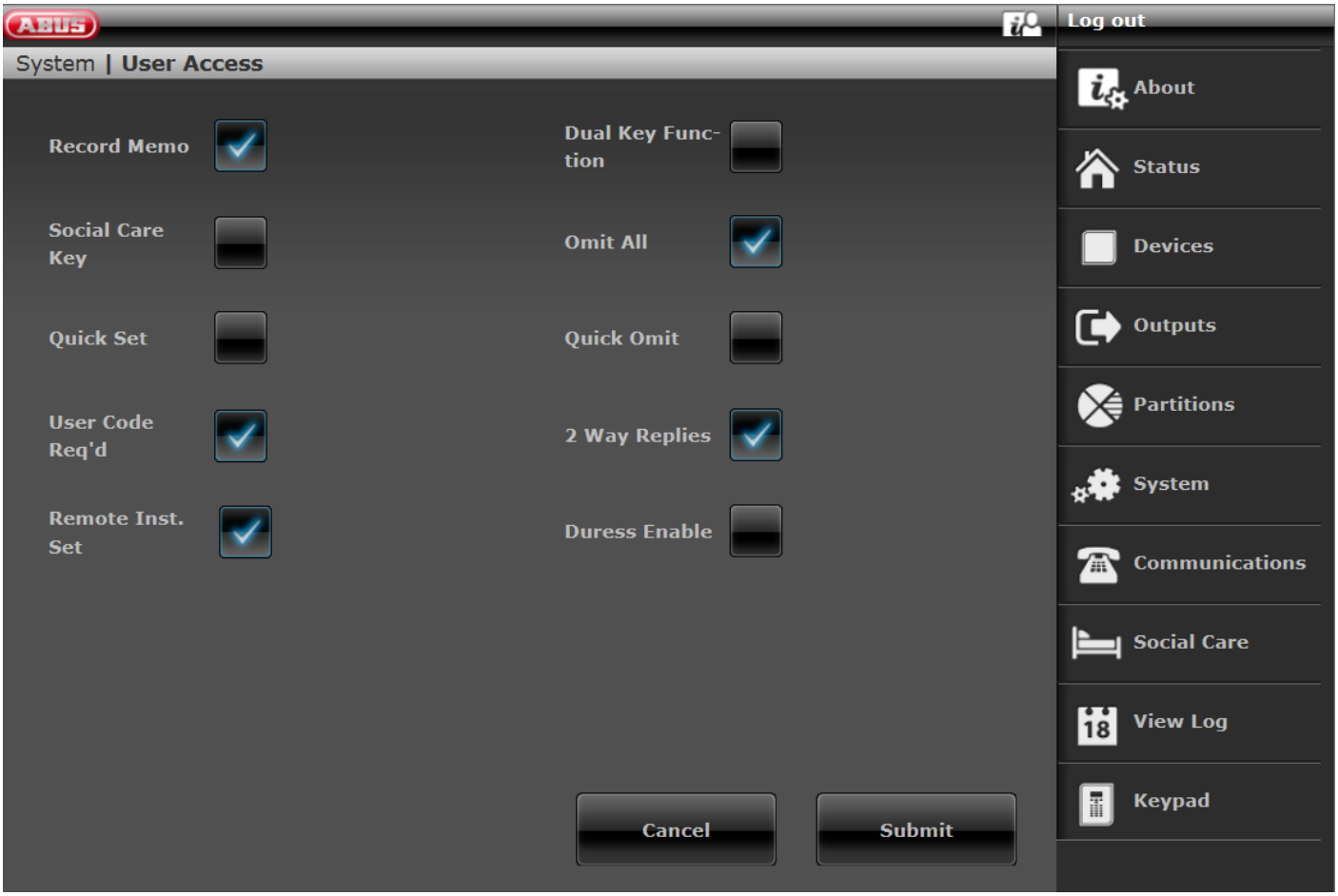
Installer details



Name/function	Explanation
Installer Name	User name, number or character sequence used by the installer to log into the alarm system using a web browser. This entry is case-sensitive. Max. 12 characters **Use a secure name. (See security tips)** After the initial start-up please change the **default installer name (code = name)** to a secure user name.
Installer Code	Password for the installer on the web server, access code on the alarm panel. • No installer code is preset by default. • The installer code is assigned in the Start Wizard during initial commissioning. **Use a secure code. (See security tips)** **Note for S/W <1.01.00** Factory settings • 9999 (4 digit user code) • 999999 (6-digit user code) It is a good idea to change this code. The installer code can be used to access installer mode and perform an installer reset. The installer code cannot be used to arm or disarm the alarm panel.
Confirm New Code	Password confirmation for the installer when entering a new code

Installer Tel No	The telephone number of the installer can be stored here for user reference in the event of a fault.

User access



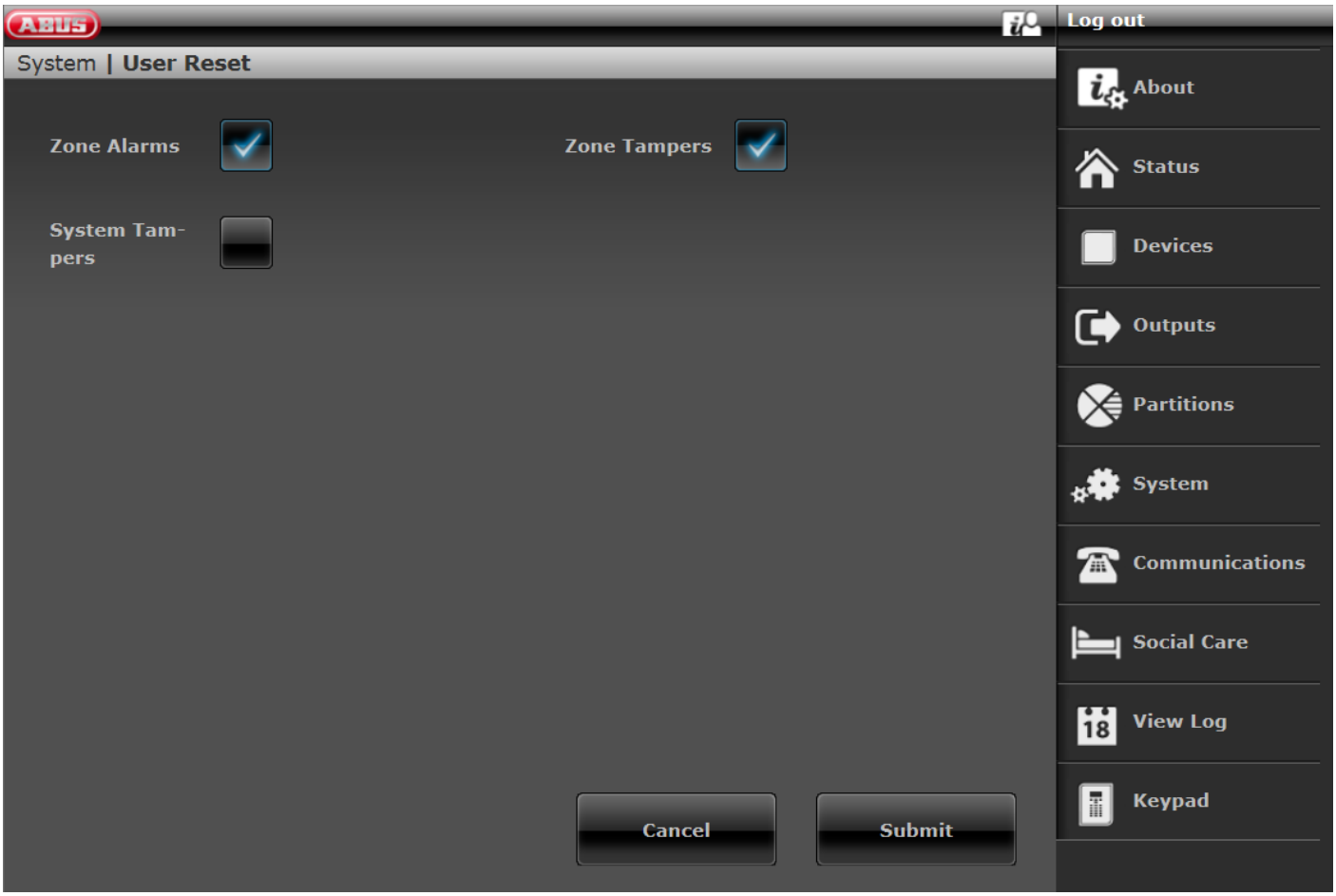
Name/function	Explanation (checkbox)
Record Memo	**Enabled** Allows the user to record a memo message. Menu -> Voice Memo **Deactivated** Function not possible.
Dual Key Function	**Enabled** Manual triggering of alarms is possible by simultaneously pressing the corresponding dual keys (fire alarm, hold up alarm, medical alarm) on the alarm system or control device. **Danger** S/W >= 2.01.08 You are using the **touch** front on the alarm system. The backlighting is set to “When active” and the backlighting is **dark.** The **backlighting** is **first** activated when a key has been touched (first touch). **No** other **action** results from this "first touch". The keypad functions as **normal** from the **second** touch on. For details, see the user guide section 10.5.1 Functions - backlighting.

	Note regarding Partition -> Alarm reaction The fire zone type, the fire double keys on the alarm panel and the fire double keys on the control panel **always** trigger an ARC/ESCC reporting if the call mode for ARC/ESCC reporting is enabled and if the "Fire" group is enabled for CID/SIA events. Example: Partition X -> Alarm reaction -> Siren Fire alarm transmission to ARC/ESCC **Deactivated** Function not possible.
Social Care Key	**Enabled** Manual triggering of a social care alarm is possible by simultaneously pressing the corresponding dual keys on the alarm system or control device. **Danger** S/W >= 2.01.08 You are using the **touch** front on the alarm system. The backlighting is set to “When active” and the backlighting is **dark.** The **backlighting** is **first** activated when a key has been touched (first touch). **No** other **action** results from this "first touch". The keypad functions as **normal** from the **second** touch on. For details, see the user guide section 10.5.1 Functions - backlighting. **Deactivated** Function not possible.
Omit All	**Enabled** All open zones can be omitted manually together when the alarm panel is armed. **Deactivated** Open zones must be individually omitted manually when the alarm panel is armed.

Name/function	Explanation (checkbox)
Quick Set	**Enabled** Alarm system can be armed using the symbol keys without entering the user code first. **Deactivated** Alarm system can only be armed after the user code has been entered.
Quick Omit	**Enabled** Open zones are automatically omitted when the alarm system is armed (if the zone attributes for omission allow). **Deactivated** Open zones must be manually omitted when the alarm system is armed.
User Code Req'd	Use this option to ensure that an installer only has access to the system when a user is present. **Activated / J (factory default)** After the installer has entered their code, the system prompts the user to enter their user code. Only once a user code has also been entered does the installer gain access to the system. **Alarm panel** Installer Mode -> System -> User Access -> User Code Required J (factory default) **Deactivated** The installer can access installer mode after entering their code; no additional user code is required. **Note** The "Disarmed/No" setting is **not** compliant with EN50131. The factory default is required to be compliant, i.e. Level 2 users must be awarded Level 3 user access (Installer). EN 50131-1, chapter 8.3.1 access levels (with reference to EN 50131-3, chapter 8.3.1 access levels (AL)) "Access to access level 3 must be prevented unless either a) ->access was enabled by a user with access level 2 or b) -> …." The "Disarmed/No" setting **only** complies with BS8243 when the user has provided written consent.
2 Way Replies	**Enabled** There is active status feedback from the wireless alarm system to the wireless remote control, wireless control device, Secvest key and additional door lock. **Deactivated** 2 Way Replies are deactivated.

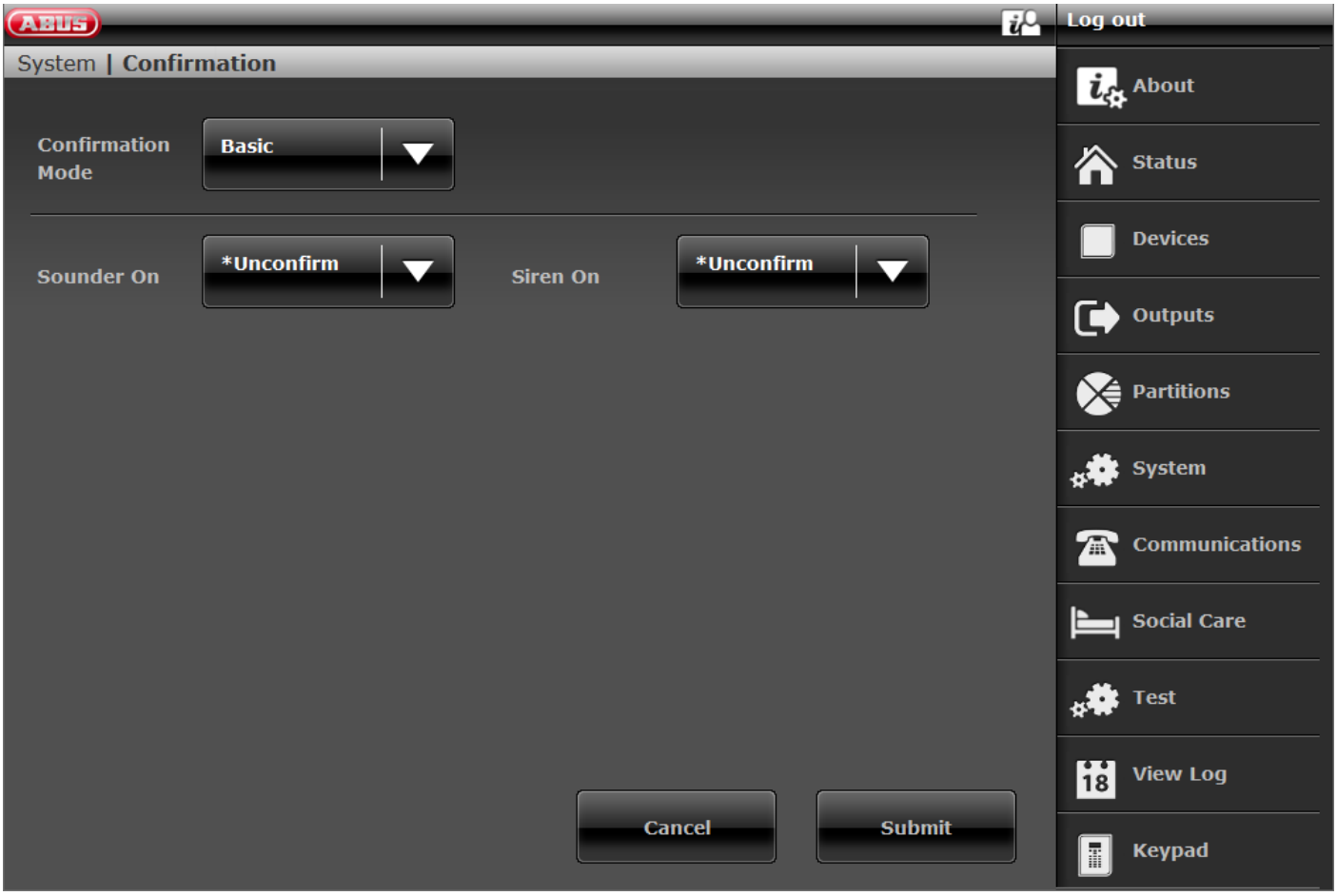
Name/function	Explanation (checkbox)
Remote Inst. Set	**Use this option to decide whether the alarm panel is armed or internally armed after the remote control is operated.** **Enabled** The possible partitions are armed or internally armed immediately. If an exit delay is configured, this is overridden and the alarm system is armed immediately as soon as the "arm" button on the remote control is pressed. **Deactivated** The possible partitions are armed or internally armed according to the set exit mode.
Duress Enable	**Enabled** The administrator has the option of creating a "Duress Code User". The system can be armed or disarmed using a duress code. **Important** If a user is forced by an intruder to disarm the alarm system, they should disarm the system using a duress code. The alarm panel then responds as follows: • The configured communication for duress is started. • **No** sounders are activated. • The alarm panel siren is **not** activated, and no triangle warning appears on the display. The alarm panel can also be rearmed or internally armed again using . This is useful if the intruder forces you to rearm the alarm panel. In this case the intruder is checking whether the code you entered is a "normal" code. "Duress" outputs are activated. Corresponding log book entries are generated. **Deactivated** There is no option to create a "Duress Code User".

User Reset



Name/function	Explanation (checkbox)
	These menus determine the circumstances under which a user or installer can reset the system after an alarm or after tampering.
Zone Alarms	**Enabled** Allows the user to reset this alarm triggered for zones or detectors. **Deactivated** User cannot perform a reset. The installer must reset the system after an alarm.
Zone Tampers	**Enabled** Allows the user to reset tamper alarms triggered for zones or detectors. **Deactivated** User cannot perform a reset. The installer must reset the system. This setting is required for INCERT certification.
System Tampers	**Enabled** Allows the user to reset tamper alarms that affect the system. **Deactivated** User cannot perform a reset. The installer must reset the system. This setting is required for INCERT certification. System tampers can be caused by: • housing and wall tamper switches on the alarm panel • housing and wall tamper switches on control devices • tampering with connected wired sirens when the voltage at terminal TR is higher than approx. 3 V • jamming or supervision when set to "Tamper"

Confirmation

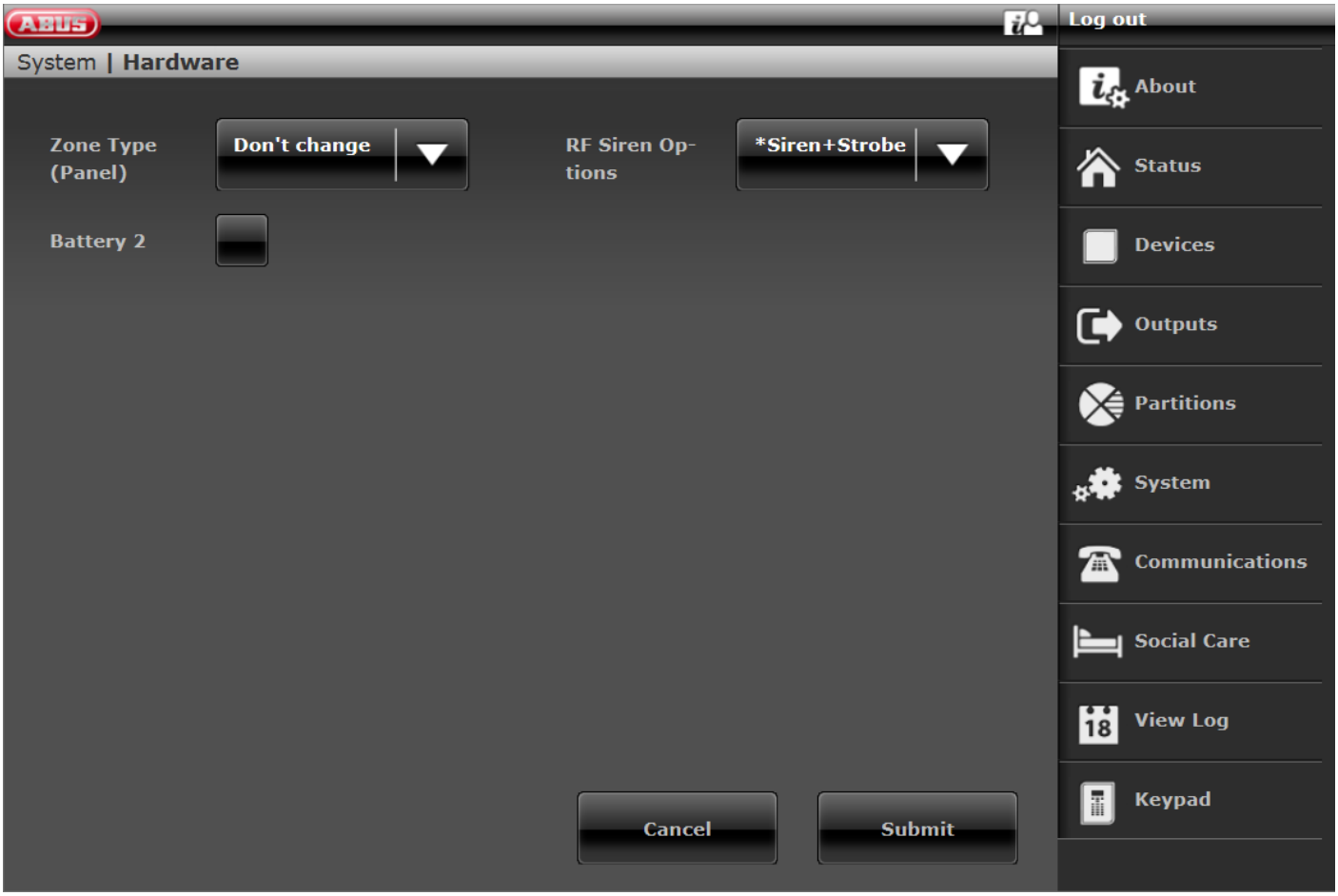


Name/function	Explanation (checkbox)
Conf. Mode	**Note** Also follow the detailed information provided for the siren delay. This can be found under Siren Delay Partitions All Set. **Note** Confirmation mode functions only when alarm reaction is set to “Sirens and ESCC reporting” (see configuring partitions). Dropdown selection field for: • Basic ○ When you select this option, the alarm panel activates an output that is configured as a “confirmed alarm” when a second zone is activated while the system is in alarm status. The second zone must belong to the partition in which the alarm has occurred. The installer can also choose whether the user can reset the system after a zone alarm. ○ For the “basic” confirmation mode, the administrator can activate or deactivate the intrusion functions for all remote controls via “User menu - configuration - remote controls - intrusion functions”.

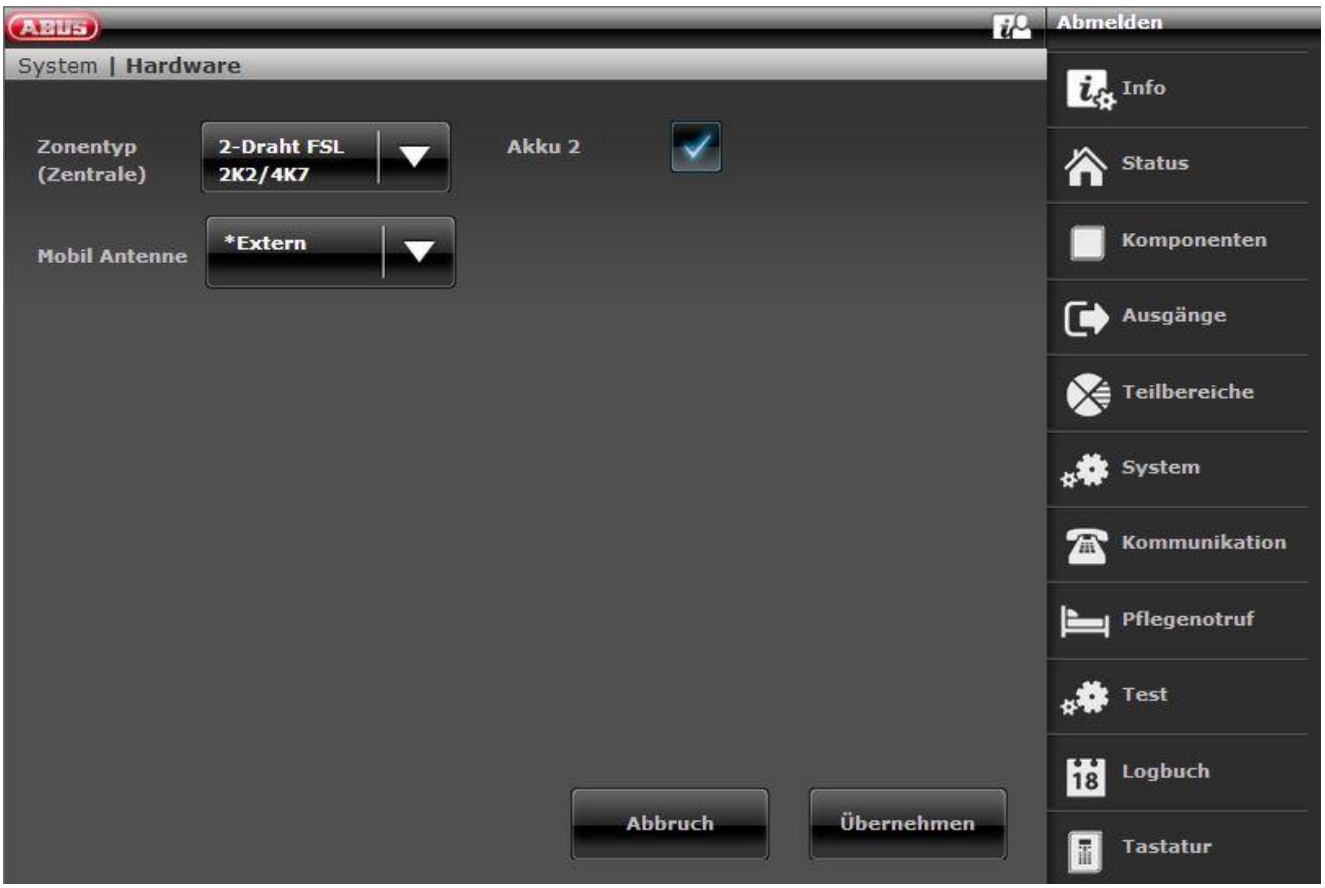
	○ Note: Confirmed panic alarm is not available in the basic confirmation mode. • DD243 • BS8243 **Note** The DD243 and BS8243 settings are only relevant for the UK (United Kingdom). When selecting these options, detailed knowledge of these guidelines is required.
Sounder On	Dropdown selection field for: • Unconfirm ○ The system is armed. The alarm panel will now arm all internal sounders when an unconfirmed alarm occurs. • Confirm ○ The system is armed. The alarm panel will now not arm any internal sounders until a confirmed alarm occurs. **Note** The alarm panel does not allow the following configuration: Siren on – confirm and sirens on – do not confirm
Siren On	Dropdown selection field for: • Unconfirm ○ The alarm panel triggers the external sirens for all alarms and overrides any siren delay. • Confirm ○ The system is armed. The alarm panel will now not arm any sirens until a confirmed alarm occurs. **Note** The alarm panel does not allow the following configuration: Siren on – do not confirm and sirens on – confirm
Confirmation Time (for confirmation modeDD243 and BS8243 only.)	Input field for the confirmation time for burglar alarms in minutes. The confirmation time can be set to between 1 and 60 minutes. **Note** Confirmation times < 30 minutes do not meet the requirements set out in DD243 and BS8243.
Entry Keypad Lock (for confirmation mode DD243 and BS8243 only.)	**Enabled** The user must disarm the system using an alternative device (not control device or alarm system), e.g. a remote control or key switch (relevant for DD243 and BS8243). **Deactivated** The user can disarm the system by entering their access code on the keypad (on control device or alarm system) after the entrance door has been opened (relevant for DD234).
Unconfirmed Reset (for confirmation modeDD243 and BS8243 only.)	Dropdown selection field for: • Installer • User
After Entry	Dropdown selection field for: • Never

(for confirmation modeDD243 and BS8243 only.)	• 2 zones (DD243 only) • 1 zone
Confirmed Reset (for confirmation modeDD243 and BS8243 only.)	Dropdown selection field for: • Installer • User
Confirmation Time Panic alarm (for confirmation mode BS8243 only.)	Input field for the confirmation time for hold up alarms in hours. **Note** As per BS8243 confirmation time must be set to between 8 and 20 hours.
Tamp as Tamp-Only (for confirmation mode BS8243 only.)	**Enabled** **Deactivated**

Hardware



SW >= 2.00.00

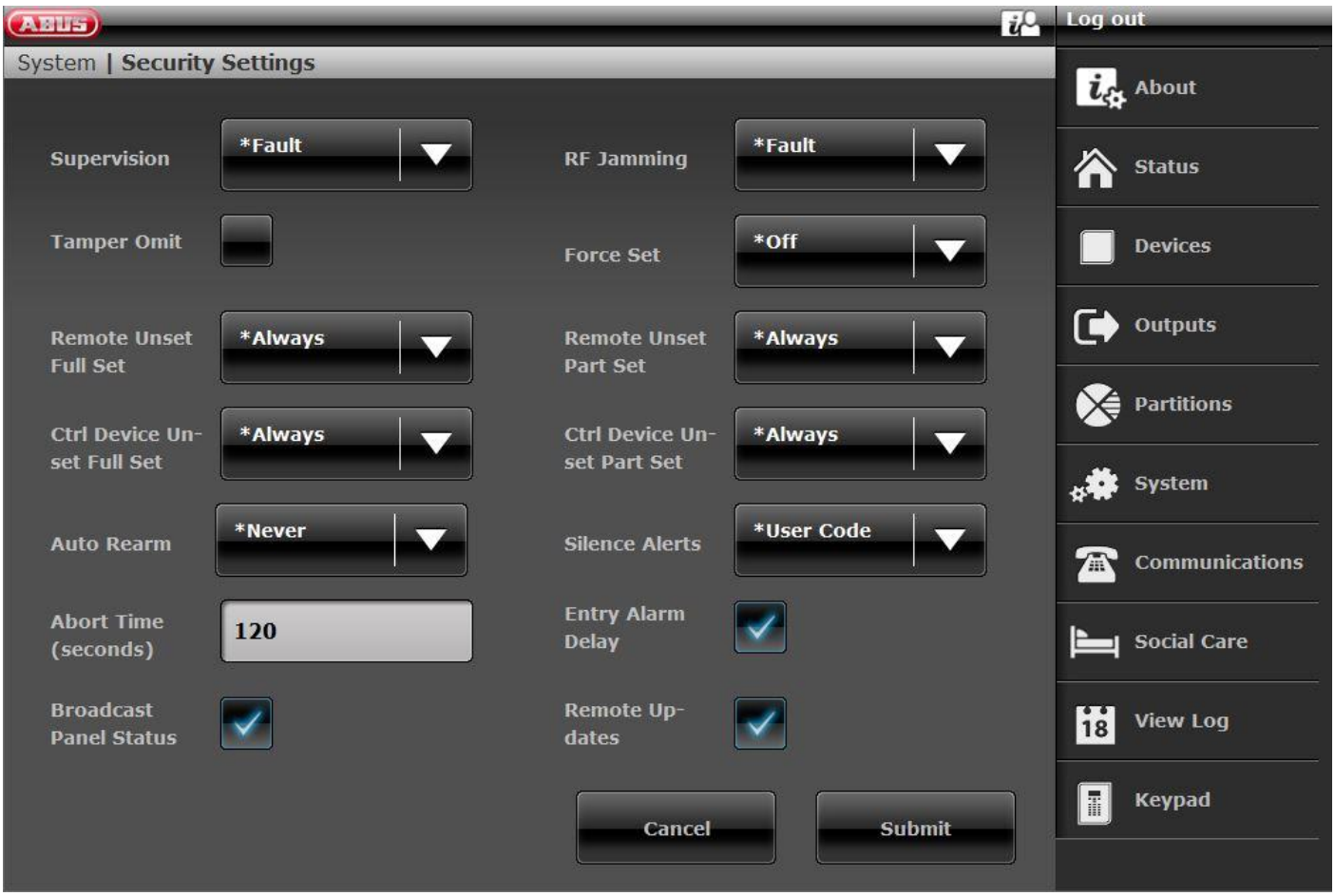


Name/function	Explanation (checkbox)
Zone type (alarm panel) **Wired Zone Type**	Dropdown selection field for: Use of inputs for wired zones • Don't change • 2-wire FSL 2k2/4k7 • 2-wire FSL 1k/1k • 2-wire FSL 2k/2k • 2-wire FSL 4k7/4k7 • 4-wire CC • 2-wire CC
RF Siren Options	**S/W < 2.00.00** Dropdown selection field for: Siren configuration. Select here how the wireless siren responds to fire alarms, burglar alarms and hold up alarms. • Siren+Strobe The wireless siren operates the siren and strobe when an alarm is triggered. • Strobe The wireless siren operates only the strobe when an alarm is triggered. **S/W >= 2.00.00** See Partitions -> Alarm Response
Battery 2	You have connected a second battery. Use this option to enable or block warning messages from being issued. **Activated / enabled** The alarm panel displays warning messages when battery 2 is missing or has low voltage. **Deactivated / blocked** The alarm panel ignores the presence or absence of the second additional battery.

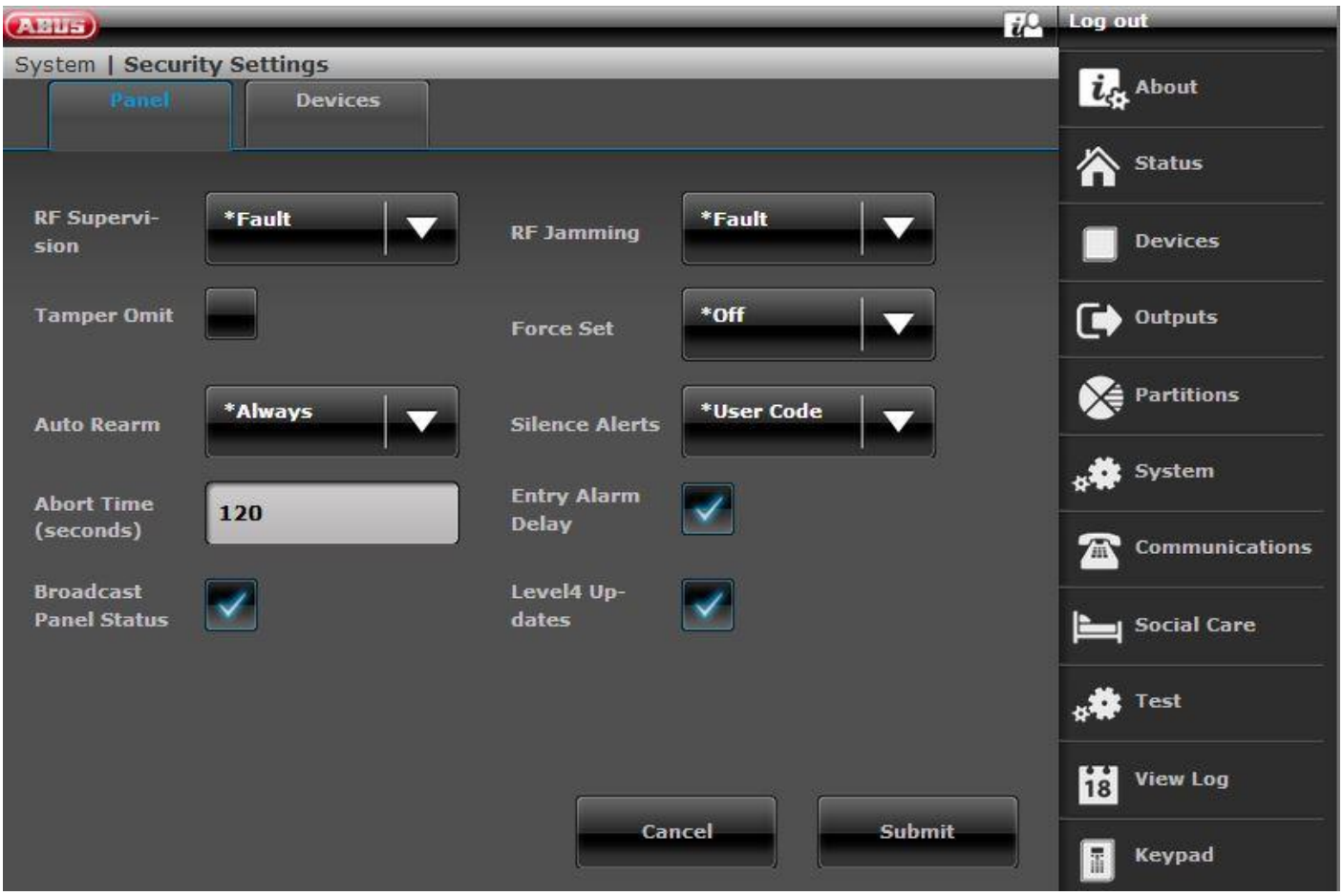
Name/function	Explanation (checkbox)
SD Card	Only available on the alarm panel. **Safely Remove Hardware** • Any ongoing read or write operations are stopped properly. • The SD card can then be safely removed. **Enable Hardware** • After insertion, the SD card is brought into operation again. • Read and write operations can run again. **Danger** **Data protection** **Follow the SD card instructions in the "Decommissioning the alarm panel" chapter.**
GSM antenna **Mobile antenna**	The menu only appears when a GSM / wireless mobile module is installed. **Internal** • The antenna located directly on the wireless mobile module is used **External** • The antenna connected to the antenna connection of the wireless mobile module is used **Danger** External must be used for the additional installation of the WI-FI module. The internal wireless mobile antenna on the PCB can affect or completely suppress the connection of the Wi-Fi signal.

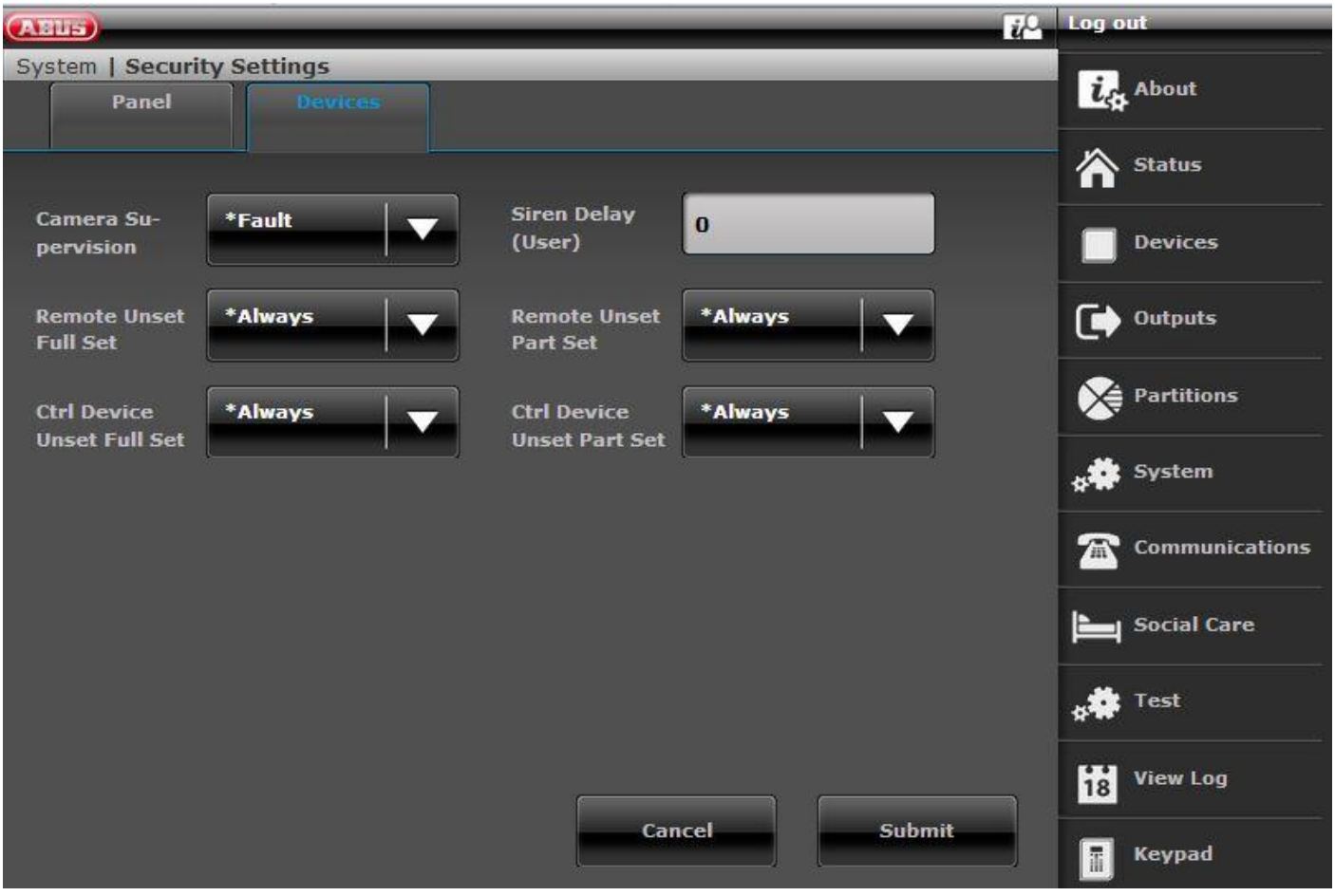
Security settings

SW < 3.01.11



SW >= 3.01.11


ABUS
Log out
System | Security Settings
Panel
Devices
RF Supervision
*Fault
RF Jamming
*Fault
Tamper Omit
Force Set
*Off
Auto Rearm
*Always
Silence Alerts
*User Code
Abort Time (seconds)
120
Entry Alarm Delay
Broadcast Panel Status
Level4 Updates
Cancel
Submit
About
Status
Devices
Outputs
Partitions
System
Communications
Social Care
Test
View Log
Keypad


ABUS
Log out
System | Security Settings
Panel
Devices
Camera Supervision
*Fault
Siren Delay (User)
0
Remote Unset Full Set
*Always
Remote Unset Part Set
*Always
Ctrl Device Unset Full Set
*Always
Ctrl Device Unset Part Set
*Always
Cancel
Submit
About
Status
Devices
Outputs
Partitions
System
Communications
Social Care
Test
View Log
Keypad

Name/function	Explanation (checkbox)
6 digit user code	**Note:** **From S/W 1.01.00 onwards,** this menu item no longer exists. It is only possible to decide between 4 Digit User Codes and 6 Digit User Codes in the Start Wizard. It is no longer possible to change the length of the code once the wizard has been completed. **Enabled** 6-digit numerical code for installer and user **Deactivated** 4-digit numerical code for installer and user **Note** • Switching from 4 to 6 digits When switching from 4 to 6-digit numerical codes, "00" is automatically added to the end of the existing 4-digit codes. Example: "1234" becomes "123400". • Switching from 6 to 4 digits When switching from 6 to 4-digit numerical codes, all codes are reset. When the numerical codes are reset (from 6 to 4 digits), all users and installers are reset to their factory defaults (remote controls, chip keys, etc., are also deleted)
Name/function	**Explanation (checkbox)**
RF Supervision	**Dropdown selection field for alarm system response for RF supervision** If a wireless detector has had no contact with the alarm control panel for more than 20 min, the alarm panel creates a log entry: "RF warning". The alarm panel also prevents the system from being armed. If a user overrides this warning and arms the alarm panel, the log entry "RF warning overridden" is generated. If a wireless detector has had no contact with the alarm panel for more than 2 h, corresponding processes are activated as follows:

	Alarm panel is armed	Alarm panel is disarmed
Disabled	No response	No response
Fault	• Log book entry of this event • **No** display and no warning tones • "RF Supervision" or "RF Fault" outputs are activated • Supervision is reported	• Log book entry of this event • Display and warning tones • "RF Supervision" or "RF Fault" outputs are activated • Supervision is reported
Tamper Activated	• Log book entry of this event • Tampering alarm • Supervision is reported **Note**:	• Log book entry of this event • Tampering alarm • Supervision is reported **Note**

		If "Tamp as Tamp-Only" is disabled, the "Supervision" or "Fault" outputs are also activated. If no tamper channel is assigned in FF, an "unconfirmed alarm" is sent.	If "Tamp as Tamp-Only" is disabled, the "Supervision" or "Fault" outputs are also activated. If no tamper channel is assigned in FF, an "unconfirmed alarm" is sent.

Note
The "Tamper" option is required in Grade 2 systems in order to comply with EN 50131-1:2006+A1:2009

If the "Tamper" option is used along with the following setting:
System -> User Reset -> System Tampers = No
the user cannot reset the system.

Camera supervision

Dropdown selection field for alarm system response for IP camera supervision
If a camera has had no contact with the alarm panel for longer than the reaction time, the alarm panel creates a log entry and indicates a warning (e.g. IP Zone Missing, IP-Zone Timeout).

For reaction time, see:
Components -> IP zones -> Add/delete -> Reaction time

Corresponding processes are activated as follows:

	Alarm panel is armed	Alarm panel is disarmed
Disabled	No response	No response
Fault	• Log book entry of this event • **No** display and no warning tones	• Log book entry of this event • Display and warning tones
Tamper Activated	• Tampering alarm • Supervision is reported	• Tampering alarm • Supervision is reported

<table>
<tr><th>Name/function</th><th>Explanation (checkbox)</th></tr>
<tr><td>RF Jamming</td><td>Dropdown selection field for alarm system response for jamming:

The alarm panel can detect jamming of wireless signals.
Corresponding processes are activated as follows:

<table>
<tr><th></th><th>Alarm panel is armed</th><th>Alarm panel is disarmed</th></tr>
<tr><td>Disabled</td><td>No response</td><td>No response</td></tr>
<tr><td>Fault</td><td>• Log book entry of this event
• No display and no warning tones</td><td>• Log book entry of this event
• Display and warning tones</td></tr>
<tr><td>Tamper Activated</td><td>• Tampering alarm
• Jamming is reported

Note:
If "Tamp as Tamp-Only" is disabled, the "Jamming" or "Fault" outputs are also activated.
If no tamper channel is assigned in FF, an "unconfirmed alarm" is sent.</td><td>• Tampering alarm
• Jamming is reported

Note
If "Tamp as Tamp-Only" is disabled, the "Jamming" or "Fault" outputs are also activated.
If no tamper channel is assigned in FF, an "unconfirmed alarm" is sent.</td></tr>
</table>

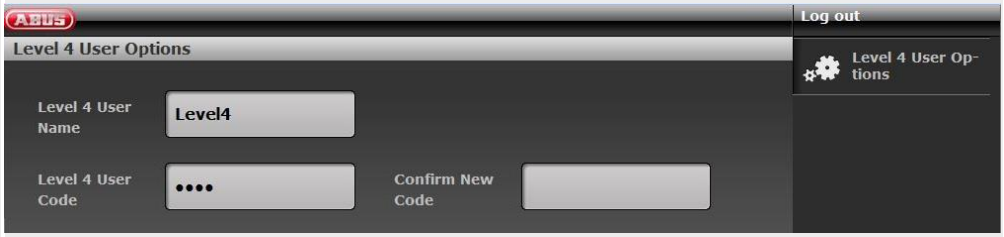
Note
The "Tamper" option is required in order to comply with PD 6662:2010.
If the "Tamper" option is used along with the following setting:
System -> User Reset -> System Tampers = No
the user cannot reset the system.</td></tr>
<tr><td>Level4 updates</td><td>Alarm panel
Installer Mode -> System -> Security -> Level4 Updates -> Blocked*/Enabled

WBI
Installer Mode -> System -> Security Settings -> Level4 Updates -> Blocked (deactivated, not ticked)*/Enabled (activated, ticked)

Blocked (deactivated – not ticked)*
Enabled (activated – ticked)

If this option is activated, a new Level 4 code must be entered. This is only the case if this Level 4 code was never programmed to begin with (as delivered or since the last reset to the factory defaults). This Level 4 code has the same number of digits as the Installer code or the User code.

Enter a "New Level 4 code" and "Confirm Level 4 code" (enter the code again to confirm it).
A new user is added automatically. See "User" menu.
Name: "Level4"
Note:
For security reasons, you should change the "Level4" default name of the Level 4 user.
The user themselves or the administrator can change the name of this user.</td></tr>
</table>

	If the Level 4 code is then used for accessing the alarm control panel, only the following menu options appear Level 4 User Name Level 4 User Code to allow the user to change the name and code.  See "S/W Upgrade" appendix. You will find details about the S/W upgrade process there.
Tamper Omit	**If a user omits a zone, it may be necessary to also omit the associated tamper circuit for this zone.** **Enabled** The tamper contact is also omitted within an omitted zone. **Deactivated** The tamper contact continues to be monitored within an omitted zone.

Name/function	Explanation (checkbox)

Force Set	**S/W >= 3.01.16**
	The setting for Force Set (off, confirm or on) now applies to all activation components (e.g. remote control, control panel, additional door lock, Secvest key) and to all warnings which do not prevent activation (i.e. warnings which can be ignored).
	
	Faults which could prevent activation:
	• Component no longer functions
	  ○ between 20 min and 120 min, signalisation via RF warning
	  ○ > 120 min, signalisation via supervision fault, always prevents activation
	• other faults, e.g. power supply faults or empty batteries
	• Open zones
	  ○ Always prevent activation
	  ○ Special behaviour with the zone attribute "**Force Set Omit**"
	
	Note
	All activations on the alarm panel occur via code input and menu interaction. Quick activation bypasses but logs warnings on the display. Operation via app is a form of quick activation.
	
	Component no longer functions
	
	• **Off**
	
	Activation without limitation and warning is possible less than 20 min after failure of a component.
	The alarm panel detects an RF warning from a component in between 20 min and 120 min. The behaviour during an activation attempt is then as follows:
	
	Alarm panel
	Activation process begins
	RF warning is displayed
	OK is actuated (user noticed the warning and bypasses it)
	Alarm panel is active
	
	Remote control, control panel, additional door lock, Secvest key
	Component is actuated
	Fault message on the component corresponding to the component
	Alarm panel cannot be activated
	Note:
	In the event of a fault, the alarm panel can only be activated at the alarm panel itself.
	
	Special case supervision fault >120 min
	
	Alarm panel, remote control, control panel, additional door lock, Secvest key
	Fault message on the component corresponding to the component
	Alarm panel cannot be activated
	
	• **Confirm**

Activation without limitation and warning is possible less than 20 min after failure of a component.
The alarm panel detects an RF warning from a component in between 20 min and 120 min. The behaviour during an activation attempt is then as follows:

Alarm panel
- Activation process begins
- RF warning is displayed
- OK is actuated (user noticed the warning and bypasses it)
- Alarm panel is active

Remote control, control panel, additional door lock, Secvest key
- Component is actuated
- Fault message on the component corresponding to the component
- The alarm panel is not activated
- The component is actuated for a **second time**
- Alarm panel is now active

Special case supervision fault >120 min

Alarm panel, remote control, control panel, additional door lock, Secvest key
- Fault message on the component corresponding to the component
- Alarm panel cannot be activated

- **On**

Activation without limitation and warning is possible less than 20 min after failure of a component.
The alarm panel detects an RF warning from a component in between 20 min and 120 min. The behaviour during an activation attempt is then as follows:

Alarm panel
- Activation process begins
- RF warning is displayed
- OK is actuated (user noticed the warning and bypasses it)
- Alarm panel is active

Remote control, control panel, additional door lock, Secvest key
- Component is actuated
- Alarm panel is now immediately active
- **Note:**
  In the case of **Force Set = On**, the user is not informed about the fault on these components. However, the faults and the override are documented in the logbook.

Special case supervision fault >120 min

Alarm panel, remote control, control panel, additional door lock, Secvest key
- Fault message on the component corresponding to the component
- Alarm panel cannot be activated

Other faults

- **Off**

The behaviour during an activation attempt is as follows:

Alarm panel
- Activation process begins
- Fault is displayed
- OK is actuated (user noticed the warning and bypasses it)
- Alarm panel is active

Remote control, control panel, additional door lock, Secvest key
- Component is actuated
- Fault message on the component corresponding to the component
- Alarm panel cannot be activated
- **Note:**
  In the event of a fault, the alarm panel can only be activated at the alarm panel itself.

- **Confirm**

The behaviour during an activation attempt is as follows:

Alarm panel
- Activation process begins
- Fault is displayed
- OK is actuated (user noticed the warning and bypasses it)
- Alarm panel is active

Remote control, control panel, additional door lock, Secvest key
- Component is actuated
- Fault message on the component corresponding to the component
- The alarm panel is not activated
- The component is actuated for a **second time**
- Alarm panel is now active

- **On**

The behaviour during an activation attempt is as follows:

Alarm panel
- Activation process begins
- Fault is displayed
- OK is actuated (user noticed the warning and bypasses it)
- Alarm panel is active

Remote control, control panel, additional door lock, Secvest key
- Component is actuated
- Alarm panel is now immediately active
- **Note:**
  In the case of **Force Set = On**, the user is not informed about the fault on these components. However, the faults and the override are documented in the logbook.

Open zones

- **Off**

The behaviour during an activation attempt with the zone attribute "**Force Set Omit**" is as follows:

Alarm panel
Activation process begins
Fault is displayed
The alarm panel can be activated once the zone is closed.

Remote control, control panel, additional door lock, Secvest key
Component is actuated
Fault message on the component corresponding to the component
Alarm panel cannot be activated
Note:
The alarm panel can be activated once the zone is closed.

- **Confirm**

The behaviour during an activation attempt with the zone attribute "**Force Set Omit**" is as follows:

Alarm panel
Activation process begins
Fault is displayed
The alarm panel can be activated once the zone is closed.
The zone can also be manually hidden.

Remote control, control panel, additional door lock, Secvest key
Component is actuated
Fault message on the component corresponding to the component
The alarm panel is not activated
The component is actuated for a **second time**
The alarm panel is now active with **hidden** zones

- **On**

The behaviour during an activation attempt with the zone attribute "**Force Set Omit**" is as follows:

Alarm panel
Activation process begins
Fault is displayed
The alarm panel can be activated once the zone is closed.
The zone can also be manually hidden.

Remote control, control panel, additional door lock, Secvest key
Component is actuated
The alarm panel becomes immediately active with hidden zones
Note:
In the case of **Force Set = On**, the user is not informed about the fault on these components. However, the faults and the override are documented in the logbook.

	S/W < 3.01.16
	A user can be permitted to arm the alarm panel using the remote control even if one or more zones are not working or are open.
	
	Note
	If Force Set is enabled, the system is no longer compliant with EN 50131.
	
	Dropdown selection field for:
	• Off
	  • The user cannot force the system to arm with the remote control even if the corresponding zones have been given attribute "Force Set".
	• Confirm
	  • The user can force the system to arm with the remote control. To do so, proceed as follows:
	  1. The user presses the "arm" button on the remote control.
	  2. The system does not start arming.
	  3. The user presses the same button on the remote control again to confirm that the system should arm.
	• On
	  • The user only has to press the corresponding button on the remote control once to start the arming process.
	
	Note
	With the "Confirm" and "On" options, the user is also permitted to arm the system with the remote control even if it would need to be reset after an alarm.

Remote Unset Full Set	Select whether **armed** partitions can only be disarmed using the **remote control** when the delay time has been started beforehand ("Final Door" zone is triggered).
	
	Dropdown selection field for:
	• Always
	  • The user can always disarm the possible partitions without the entry time being started first.
	• During entry time
	  • The user must first open a "Final Door" zone. This starts the entry delay. The user can now disarm the possible partitions.
	  • Partitions for which no entry delay has started remain armed.

Remote Unset Part Set	Select whether **internally armed** partitions can only be disarmed using the **remote control** when the delay time has been started beforehand ("Final Door" zone is triggered). Dropdown selection field for: • Always

	• During entry time	• The user can always disarm the possible partitions without the entry time being started first. • The user must first open a "Final Door" zone. This starts the entry delay. The user can now disarm the possible partitions. • Partitions for which no entry delay has started remain armed.

Name/function	Explanation (checkbox)

Ctrl Device Unset Full Set	Select whether **armed** partitions can only be disarmed using the **wireless control device** when the delay time has been started beforehand ("Final Door" zone is triggered).
	
	Dropdown selection field for:
	• Always
	  • The user can always disarm the possible partitions without the entry time being started first.
	• During entry time
	  • The user must first open a "Final Door" zone. This starts the entry delay. The user can now disarm the possible partitions.
	  • Partitions for which no entry delay has started remain armed.

Ctrl Device Unset Part Set	Select whether **internally armed** partitions can only be disarmed using the **wireless control device** when the delay time has been started beforehand ("Final Door" zone is triggered).
	
	Dropdown selection field for:
	• Always
	  • The user can always disarm the possible partitions without the entry time being started first.
	• During entry time
	  • The user must first open a "Final Door" zone. This starts the entry delay. The user can now disarm the possible partitions.
	  • Partitions for which no entry delay has started remain armed.

Auto Rearm	Appears when the following is set:
	System->Confirmation->Confirmation Mode->Basic
	
	Select how often the system automatically rearms after the siren time has expired.
	
	Dropdown selection field for:
	• Never
	  • The alarm panel never rearms. The alarm panel switches to the alarm status just one time.
	• 1 x, 2 x, 3 x, 4 x, 5 x
	• Always
	  • The system rearms all closed zones but not the detectors still sending alarm signals.
	  • One of these settings is required in order to comply with EN 50131
	  • If the system is rearmed, an acoustic internal alarm instead of the normal entry tone is generated by the wireless alarm

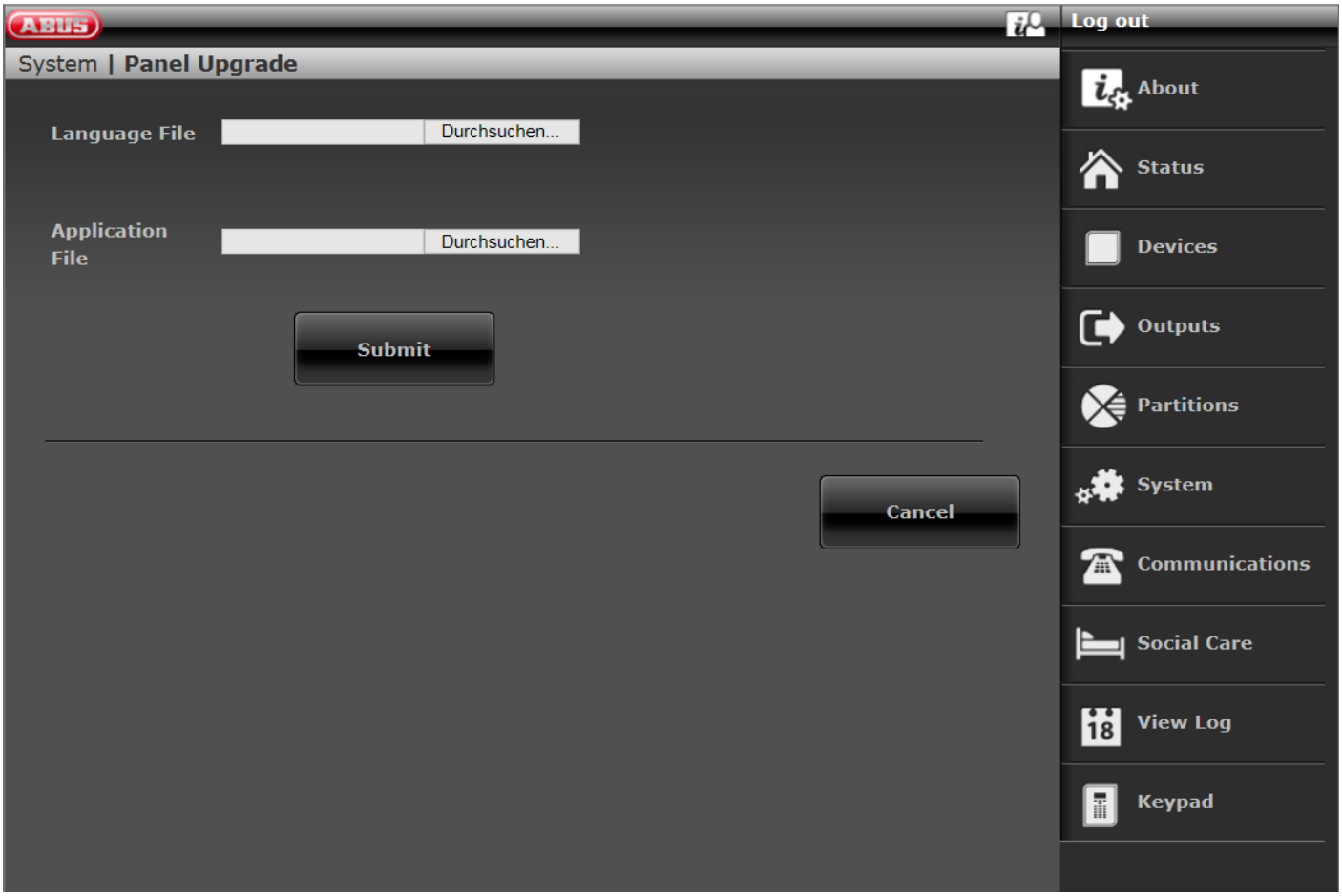
		panel if a user enters through the entry route.

Name/function	Explanation (checkbox)
Silence Alerts (silent warnings)	This option controls the length of time in which warning tones (a brief "beep" every few minutes) are sounded. Dropdown selection field for: • User Code • Warnings are sounded until a user enters their code to confirm the warning. • 30 minutes • 60 minutes • 120 minutes • Warnings are sounded for the set amount of time. The warning tones can be stopped by entering a user code. • No alert tones • No acoustic alerts are sounded. **Note** The alarm panel does not display any warnings as long as a partition is still armed.
Abort time	Input field for the alarm abort time in seconds (value between 0 and 120). The alarm panel always starts this time when an alarm has been triggered. If a user mutes the alarm during this time, no installer reset is required. If an alarm occurs and a user disarms the system **within** this time, "Alarm Abort" outputs are activated and an alarm abort is reported.
Siren Delay (User)	“Siren Delay (User)” in minutes (value between 0 – 10). 0 means disarmed. **Note** When “Siren Delay (User-based)” is enabled (> 0), the entire behaviour of the siren delay is blocked in the partition settings. **This does not comply with EN 50131.** ARC communication and Confirmation Mode affect the siren delay in the partition settings. **Note** Siren Delay (User) **only** affects the outdoor sirens when it comes to the following configurations: **Partition -> Alarm reaction (all active, internally active, disabled)** Sirens and ESCC reporting or Strobes and ESCC reporting In the other variants internal, siren and strobe this siren delay is effective for all components (alarm panel, indoor siren, information module, control panel and outdoor siren). This means that all these components only signal after the delay time has elapsed.

	 Note In the event of a fire, intruder or 24h alarm, there is no siren delay (user)
Alarm input delay	Additional delay when deviating from the entry route. Select whether the user is permitted an additional time of 30 seconds when deviating from the entry route, before an external alarm is started. **Enabled** Additional delay (30 s) activated when deviating from the entry route. If a user deviates from the entry route within the entry delay time, the alarm panel waits 30 s before triggering a full alarm. Only an internal alarm is triggered first within these 30 s. If a user enters their code within these 30 s, the user can reset the system. This setting is compliant with EN 50131. **Deactivated** No additional delay when deviating from the entry route. An alarm is immediately triggered if a user deviates from the entry route and is caught by another detector in the process. This setting is not compliant with EN 50131.

Name/function	Explanation (checkbox)
Broadcast Panel Status	**Enabled** A status change to the alarm system is always transmitted to the wireless control device. The control device signals the status of the partitions, alarms and entry and exit delays "just in time". **Deactivated** The status of the alarm panel is only transmitted to the control device when queried ("?" button on the control device). The status of the partitions, alarms and entry and exit delays are not displayed or signalled on the control device.

Panel upgrade



Name/function	Explanation (checkbox)
Language File	Click the **Browse** button to specify the path and file name of the language file to be loaded. Click the **Submit** button to import the selected file into the wireless alarm system.
Application File	Click the **Browse** button to specify the path and file name of the application file to be loaded. Click the **Submit** button to import the selected file into the wireless alarm system. The wireless alarm system must then be restarted.

Details on upgrading the software to 1.01.00 can also be found in the "Software Upgrade" document in the Download area of the ABUS website.

Note

The "Panel Upgrade" menu is only available in this location up to S/W <1.01.00. From S/W 1.01.00 onwards, a new process has been established to ensure compliance with EN 50131.

New "Level/access level 4 user" authorisation level for SW updates

- It is no longer possible to run SW updates via the Installer menu of the web server
- Approval for "Level 4 User" must be granted in the User and Installer menu
- The user code for "Level 4 User" will be issued following approval

You will find further details in the "S/W Upgrade" appendix

Only on the alarm panel

Installer Mode -> System -> Upgrade alarm panel

Note

The language file must be updated BEFORE updating the application file.

See the "S/W upgrade with new SD card files" chapter in the appendix

After pressing "Select", you will see a list of the available application software.

The first row of this list contains the currently installed software, and the other rows the available software files that are saved on the SD card.

Example

UPGRADE PANEL APPLICATION		
V3.01.14	Installed	
V1.01.00	10/02/2016	(2293760)
V2.00.00	04/10/2016	(2621440)
V2.00.06	06/03/2017	(2621440)
V2.01.08	15/06/2017	(2686976)
V3.00.04	12/12/2017	(2883584)
V3.01.01	10/05/2018	(2883584)
V3.01.11	17/10/2018	(2883584)
V3.01.14	11/03/2019	(2949120)
V3.01.16	25/11/2019	(2949120)
V3.01.17	10/12/2019	(2949120)

Select the desired application software.

Once the software has loaded, the first Start Wizard item appears (language selection). Follow the installation/Start Wizard instructions on the alarm panel.

Important

SW >= 3.00.06, saving and restoring the configuration

Before the alarm panel starts the upgrade, the configuration files and the SSL certificate are saved automatically on the internal flash drive. The new software is then installed, and the alarm panel restarted. At this point, the factory settings are used first, but the alarm panel then automatically reproduces the configuration files and the SSL certificate from the flash drive (as if the configuration had been saved/reproduced manually). This means that the Start wizard is not used and the SSL certificate is not regenerated.

Checking for an upgrade?

Note

Due to conformity with EN 50131, this menu at this point in Installer mode is only available directly on the alarm panel.

You will not find this menu in Installer mode when accessing via a web browser. This menu appears in the Level 4 menu. A Level 4 user must therefore log in. You will find further details in the "Software upgrade" chapter in the appendix.

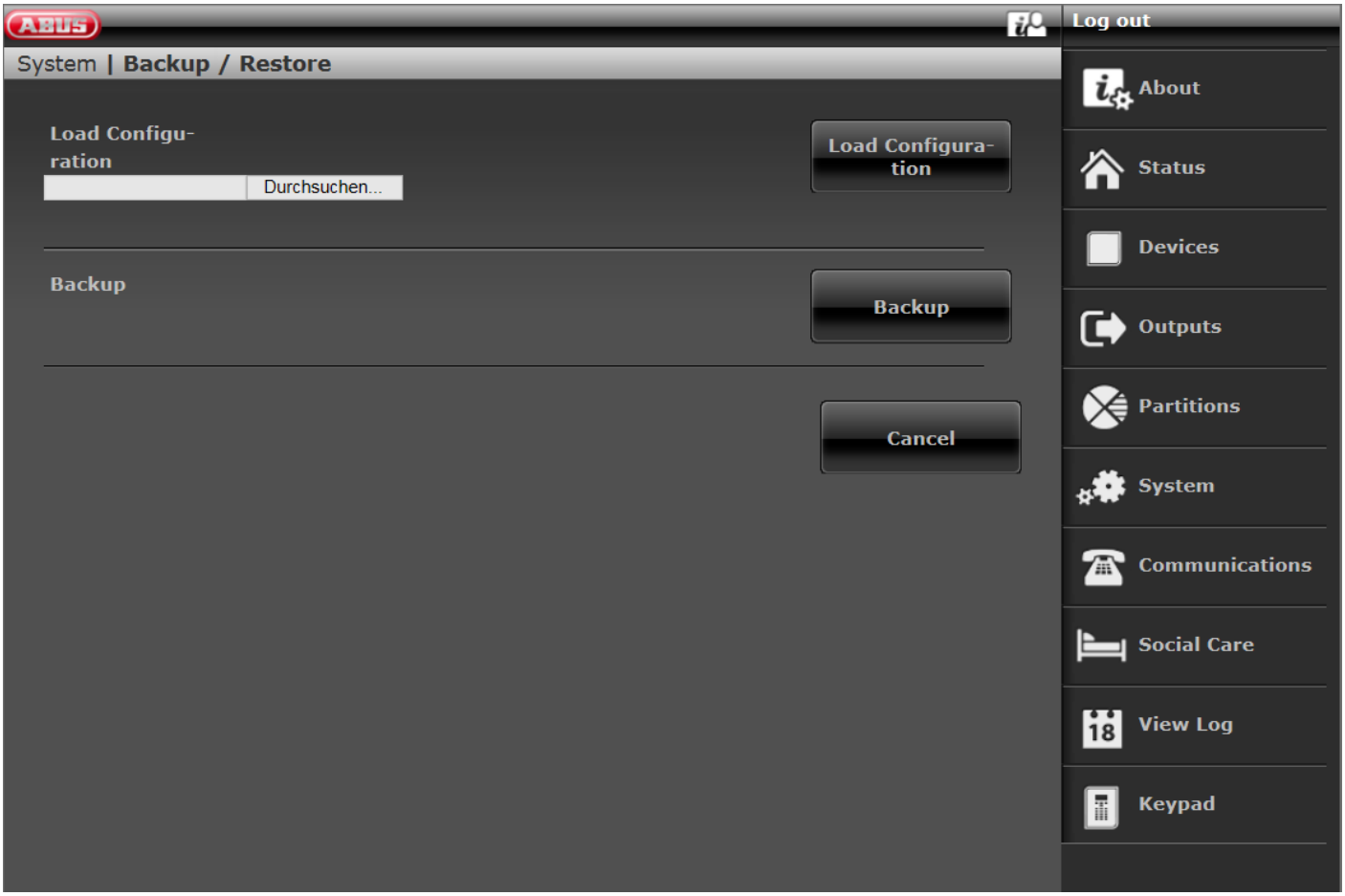
Name/function	Explanation
Checking for an upgrade?	After pressing "Select", the alarm panel automatically asks the ABUS FTP server: "Is new software available?" If the FTP server replies to this question with a "Yes", the following note appears: "Upgrade available". If the FTP server replies to this question with a "No", the following note appears: "Upgrade not available".
Upgrade available	If you would like to continue with the panel upgrade now, press OK. Wait until the panel accesses the language files Do not press "OK" Wait until the panel accesses the application file Do not press "OK" **Note** These files are stored on the SD card. Now reboot The alarm panel installs the new files from the SD card and performs a reboot.

Important

SW >= 3.00.06, saving and restoring the configuration

Before the alarm panel starts the upgrade, the configuration files and the SSL certificate are saved automatically on the internal flash drive. The new software is then installed, and the alarm panel restarted. At this point, the factory settings are used first, but the alarm panel then automatically reproduces the configuration files and the SSL certificate from the flash drive (as if the configuration had been saved/reproduced manually). This means that the Start wizard is not used and the SSL certificate is not regenerated.

Backup/restore



Name/function	Explanation (checkbox)
Load Configuration	Click the **Browse** button to specify the path and file name of the configuration to be restored. Click the **Load Configuration** button to import the configuration to be restored into the wireless alarm system. The wireless alarm system must then be restarted.
Backup	Click the **Backup** button to create a backup of the entire system configuration (including detector IDs). The backup file is saved in the default Downloads folder. **Note** The configuration file is saved in the format **Secvest--01-09-2017-1051.cfg**. If it has not been possible for the PC or web browser to perform the sent instructions for changing the file name, they will be saved in the standard version "config.config".

SW >=3.00.00

Backup/restore (alarm panel GUI only)

Alarm panel

Installer Mode -> System -> Backup/restore

Backing up config to the SD card

After pressing "Select", the configuration file is written to the SD card. During this period, "**Writing file**" appears on the display

Loading config from SD card

Once you have selected the desired configuration file and pressed "Select", the configuration file is loaded from the SD card to the alarm panel. During this period, "**Reading file**" appears on the display

Note

The alarm panel creates a new folder on the SD card with the name "Config". All of the configuration files are written to this folder. Each new file is given a new file name. No old files are overwritten.

The alarm panel creates a file name that includes the Secvest, date and time.

Example (SW 3.00.00 to SW < 3.01.00):

Secvest--01-09-2017-1051.cfg

01-09-2017: Date

1051: Time, 10:51 a.m.

Example (SW >= 3.01.01):

Secvest—2018-11-08-0935.cfg

2018-11-08: Date, 8 November 2018

0935: Time, 9:35 a.m.

Note

You can also copy saved configuration files from the PC (via WEB) to the SD card. Copy the configuration files to the "Config" folder. If the alarm panel has not yet created the "Config" folder, you can create it manually.

Please note the following:

Sometimes, the configuration file is not saved in the format **Secvest--01-09-2017-1051.cfg** or **Secvest--2017-09-01-1051.cfg**.

If it has not been possible for the PC or web browser to perform the sent instructions for changing the file name, they will be saved in the standard version "config.config".

Simply change the file name "config.config" to the following format: **Secvest--01-09-2017-1051.cfg** or **Secvest--2017-09-01-1051.cfg.**

When doing so, it is important that:

- The file ending MUST be ".cfg"
- The file name must start with Secvest and two dashes or minus signs "**Secvest—**"

File names that do not follow this syntax will not be displayed in the "Loading config from SD card" menu in the alarm panel.

E.g. "config.config" or "Secvest--01-12-2017-1102.config"

Danger
Data protection
Follow the SD card instructions in the "Decommissioning the alarm panel" chapter.

Report

SW >=3.00.01
Web interface only

Name/function	Explanation (checkbox)
Report	When clicking on the **Report** button, a pop-up browser window will appear. The window will display the entire system configuration for the alarm panel in a clear format.
Print	To print the report, press the "Print" button in the top left of the form. The standard Windows "Print" dialog appears. Select your desired printer.

Note

Which printers appear will depend on the printers installed on the computer.
E.g. "Real" paper printer, or "PDF printer" such as PDF-Xchange, Freepdf.

Content of the report

The report contains all relevant settings and information from the installer mode as well as the volume settings from the user menu.

Notes

"User defined" outputs

Polarity: normal or inverted; for "inverted", the word "inverted" will appear. No additional word will appear for "normal".

If there is a time schedule, the selected weekdays appear as uppercase letters.

Example: Continuous 08:00 -> 16:00 **SmTwTfS**

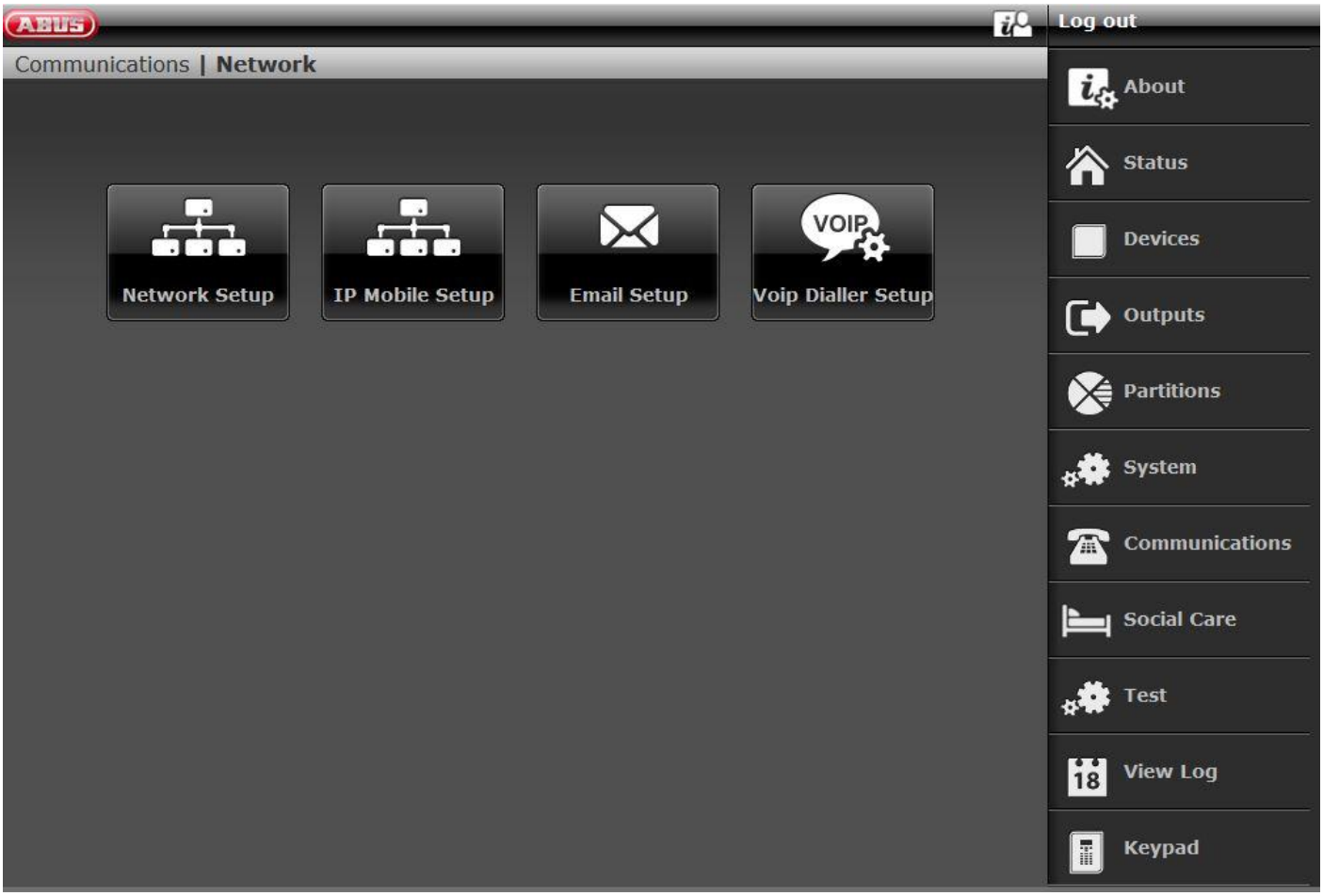
Switch-on time 08:00, switch-off time 16:00

S	m	D	m	D	f	S
Sun	Mon	Tue	Wed	Thu	Fri	Sat
yes	no	yes	no	yes	no	yes

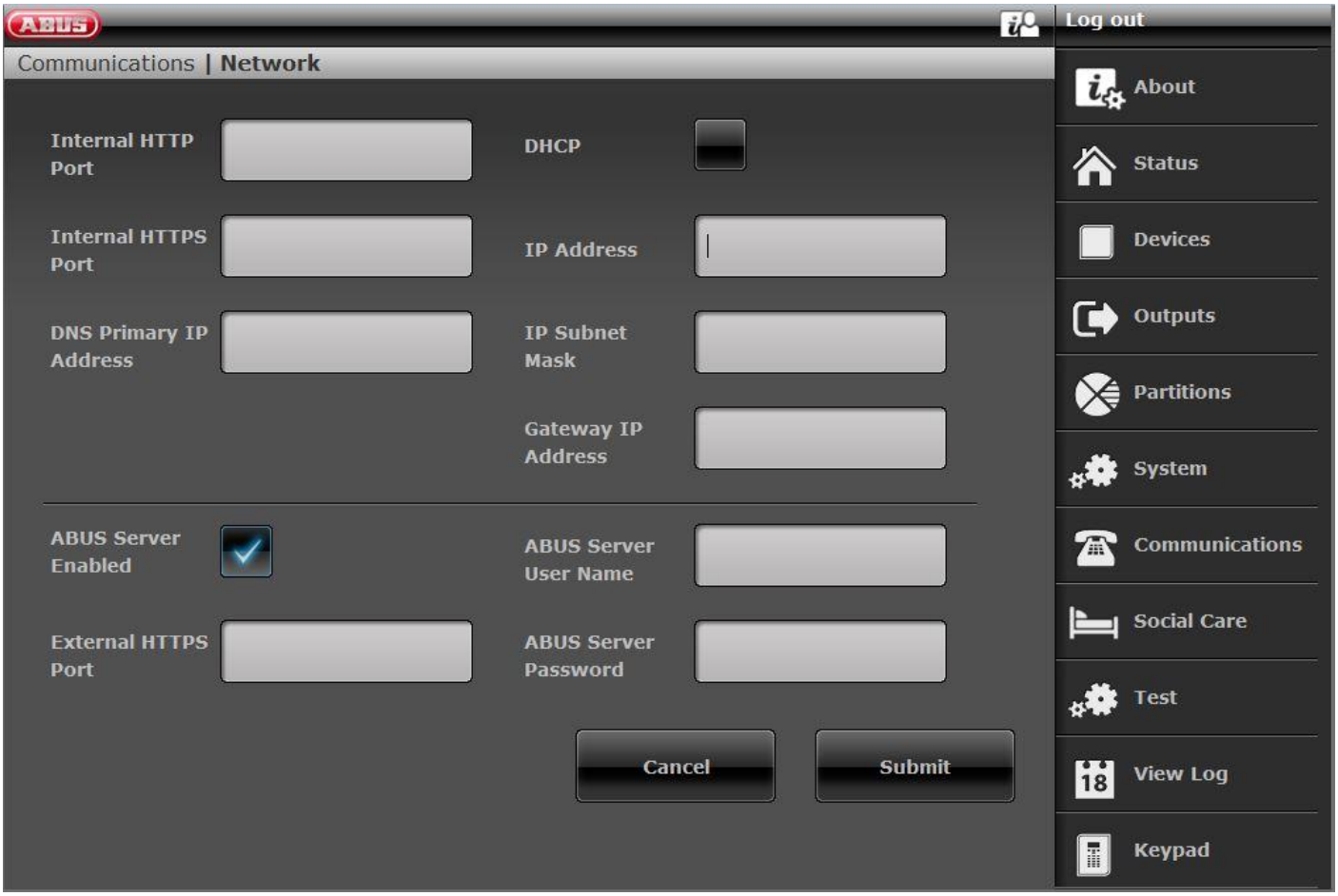
-

Communication

Network



Network Setup

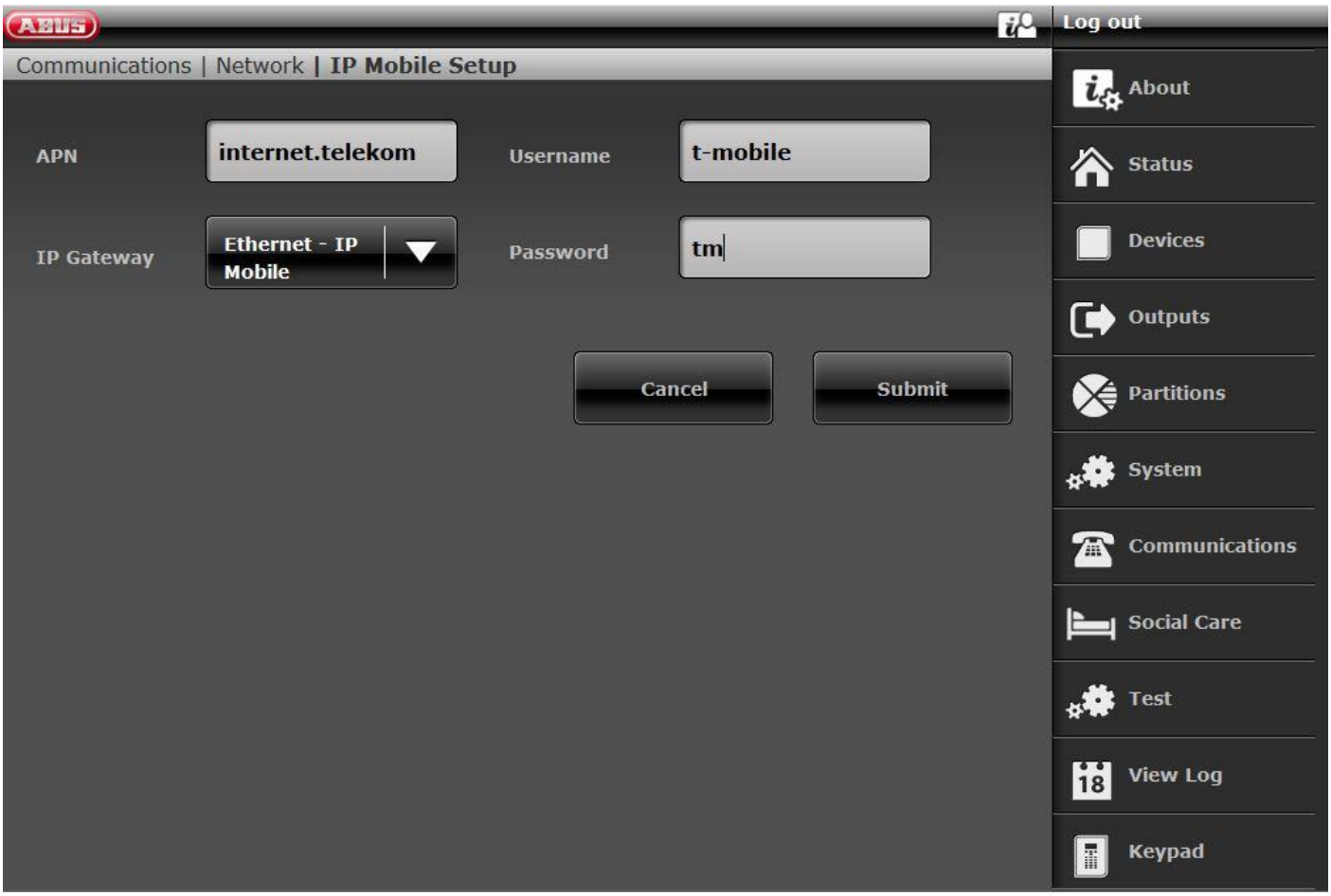


Name/function	Explanation (checkbox)
Internal HTTP port	Internal HTTP port Standard value: 80 **Note** Do not effect port forwarding on the router on port 80. This could lead to a network block. Use the "internal HTTPS port", e.g. 4433, as the target for port forwarding.
Internal HTTPS port	Internal HTTPS port Standard value: 4433 **Note** SW >= 3.00.05 The **change** to the internal HTTPS port only takes effect once the alarm panel has been **rebooted**. To do this, log out of Installer mode and reboot the alarm panel. More details can be found in the section “Manual restart (switching off and switching back on)”.
DHCP	**Enabled**

	The Secvest receives the IP data from the DHCP server. **Deactivated** Manual input of IP data.
IP address	IP address S/W <2.00.00: If nothing is entered here, the alarm control panel automatically uses DHCP. **Note** We recommend assigning a fixed IP address to prevent problems with port routeing. It is possible to set the router so that the Secvest always assigns the same IP address via DHCP for this MAC Address. However, some routers assign a different IP address via DHCP after a certain time.
IP Subnet Mask	IP subnet mask
Gateway IP address	Gateway IP address
DNS primary IP address	DNS primary IP address
ABUS Server Enabled	**Enabled** • Establishes a connection to the ABUS server and sends the public IP access data. • SW >= 3.01.16 The alarm panel sends an ICMP Ping to the ABUS server. **Note** • The alarm panel always sends the following information to the ABUS server every 30 minutes, even if no personal account has been created: MAC address, public IP address and public HTTPS port. You will have access to this data after creating a personal account. This **only** occurs via Ethernet, **not** via IP mobile. • SW >= 3.01.16 The alarm panel sends an ICMP Ping to the ABUS server every 30 minutes. This **only** occurs via Ethernet, **not** via IP mobile. The alarm panel thus tests the IP path, especially the path not directly on the Ethernet connection of the alarm panel and in the public area. Faults in these areas could be: ○ Public area (WAN) Public cable to the router defective, construction site in front of the house ○ Private area (LAN) Note: the direct Ethernet interface at the alarm panel is monitored via "**Ethernet communication channel fault**". The router is switched off but the switch is functional (the alarm panel is directly connected to this switch). Problems with the Wi-Fi module Wi-Fi at the router is inoperative No new connection to the Wi-Fi after a long router shut-down Wi-Fi at the router switches off between e.g. 10 p.m. and 6 a.m. (sometimes a standard router setting or configured as a power saving function). If this ICMP Ping does not have a positive result, the alarm panel immediately switches to IP mobile. A requirement for this is the use of a wireless mobile

	module as a redundancy and the corresponding setting for "IP Gateway" (Communication -> Network -> IP mobile setup). IP mobile is used temporarily until the ICMP Ping delivers a positive result once more. **Note** If there is no wireless mobile module or only Ethernet is selected under IP Gateway, the alarm panel only signals a fault message. **Deactivated** Functions not possible. **Note** See also notes on the ABUS server in the chapter "S/W upgrade"
External HTTPS port	Port number of the external port.
ABUS Server User Name	User name on the ABUS server **Note** GUI input: max. 31 characters WBI input: max. 15 characters
ABUS Server Password	Password on the ABUS server **Note** GUI input: max. 32 characters WBI input: max. 15 characters

IP Mobile Setup



Name/function	Explanation (checkbox)
	Note APN, user name and password are access data for IP-based transmission in the wireless mobile network. This data depends on the network provider and service provider. Request this data from your SIM card provider. Alternative: This data is usually stored on the SIM card. Insert the SIM card into a smartphone before you use it in the wireless mobile module. Read the data in the Data Settings menu.
APN	Enter the “Access Point Name” here.
User name	The user name for data access in the wireless mobile network.
Password	The password for data access in the wireless mobile network
IP Gateway	**Note** **Danger** The IP gateway settings are only relevant for the ARC IP-based communications, speech dialler and email. Ethernet is still used for

- access to the web server via a web browser
- APP access
- for push notifications (SW <= v3.01.01)
- For cameras in the local network

Note

Danger

If the “IP mobile” transmission path is used by the control panel, the ABUS server is not updated.

Note

The alarm panel receives a public IP address from the mobile IP network of the wireless mobile network. Data and information is only exchanged when communication is activated through this path.

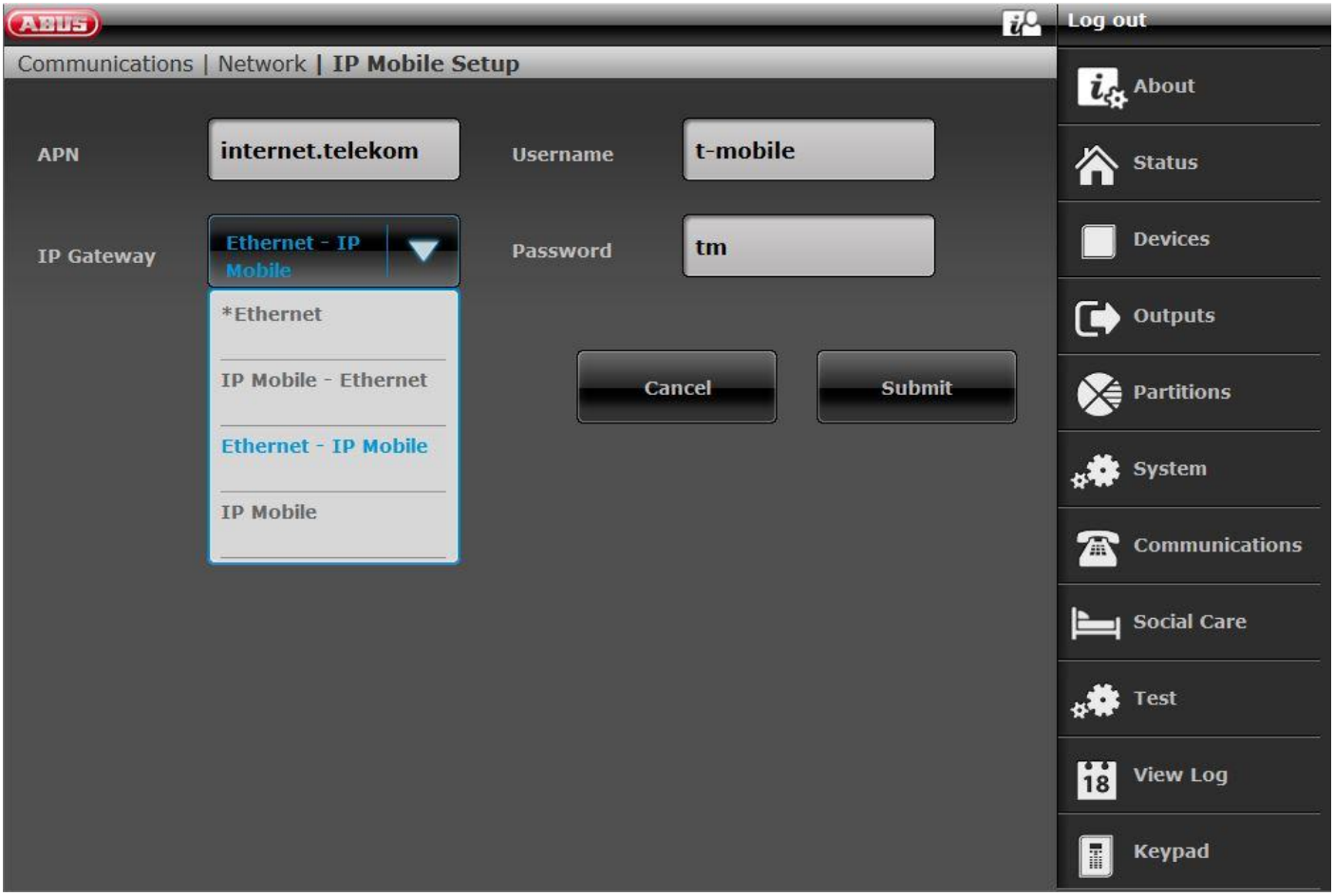
Note

You will find some access data in the Appendix. Due to the large number of mobile network providers in Europe and an even larger number of SIM card providers (service providers), this contains only a few selected examples.

Note

SW >= 3.01.16

See also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup)

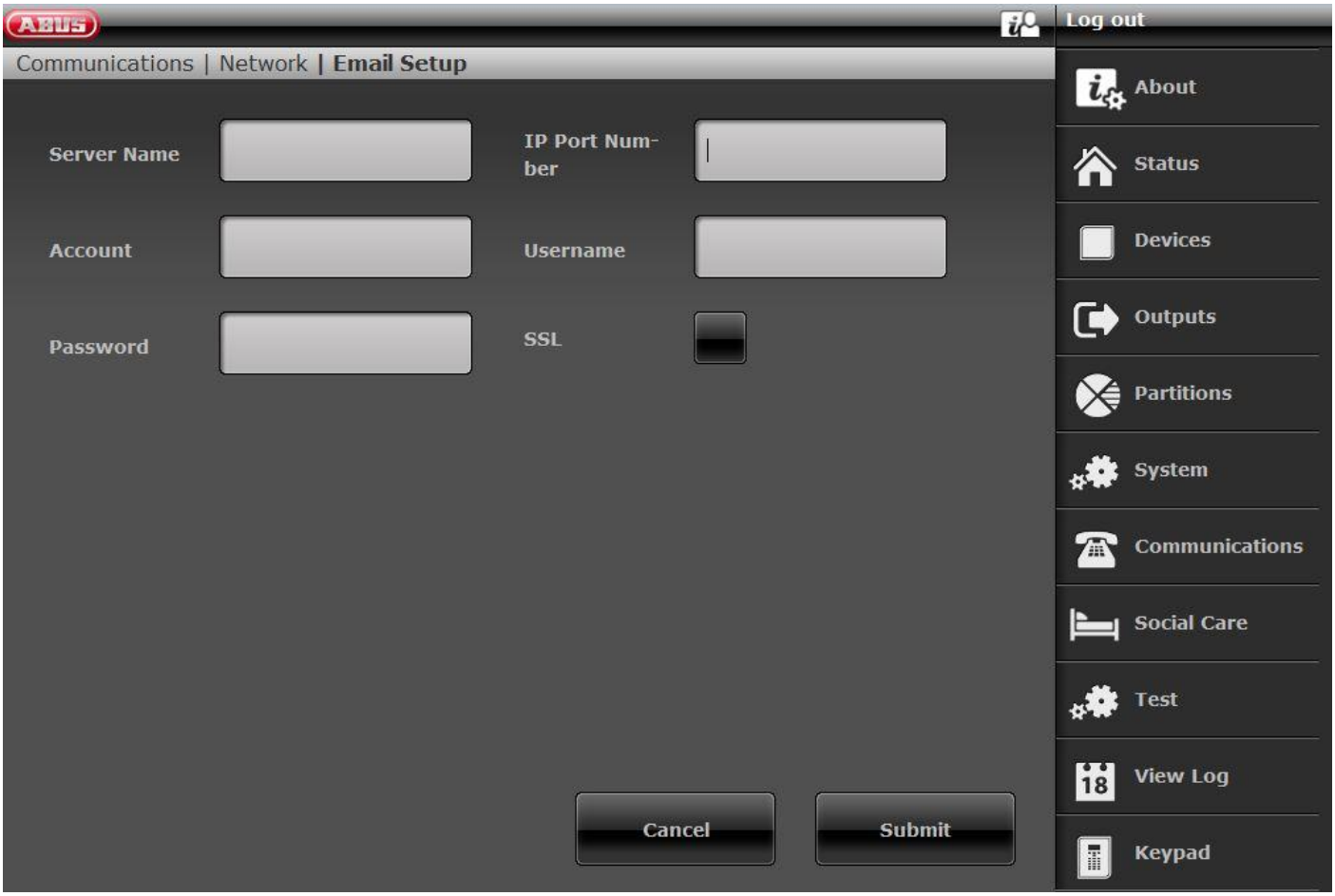


Name/function	Explanation (checkbox)
Ethernet	Only Ethernet is used, 4G/2G is not used. **Note** SW >= 3.01.16 See also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup)
IP Mobile – Ethernet	4G/2G is used first. Ethernet is used when no 4G/2G signal is available. **Note** 4G/2G faults must first be detected by the alarm panel. **Danger** Ethernet is still used for • access to the web server via a web browser • APP access • for push notifications (SW <= v3.01.01)

	• For cameras in the local network It is not possible to access the alarm panel with the app via the ABUS server and via IP mobile. It is not possible to access the web server of the alarm panel via IP mobile. **Note** **Push notifications** The push notification only functions via the wireless mobile module (IP mobile) if a PPP connection (point to point protocol, IP mobile) is already active/configured for another service (e.g. e-mail). E-mail must be at least enabled. However, no e-mails need to be sent. Configure the settings for this accordingly. **Configure ABUS server, app and push via Ethernet.** There must be an IP mobile fault (e.g. no longer logged into a wireless mobile network) for the IP stack to switch to Ethernet. **Note** SW >= 3.01.16 See also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup)
Ethernet – IP Mobile	Ethernet is used first. 4G/2G is only used when there is an Ethernet fault. This setting is recommended in order to establish a redundant, IP-based transmission path for ARC/ESCC reporting, e-mail and push. **Note** Ethernet faults must first be detected by the alarm panel. **Note** SW >= 3.01.16 See also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup) **Danger** Ethernet is still used for • access to the web server via a web browser • APP access • for push notifications (SW <= v3.01.01) • For cameras in the local network It is not possible to access the alarm panel with the app via the ABUS server and via IP mobile. It is not possible to access the web server of the alarm panel via IP mobile.

	Note **Push notifications** The push notification only functions via the wireless mobile module (IP mobile) if a PPP connection (point to point protocol, IP mobile) is already active/configured for another service (e.g. e-mail). E-mail must be at least enabled. However, no e-mails need to be sent. Configure the settings for this accordingly. **Configure ABUS server, app and push via Ethernet.** There must be an Ethernet fault for the IP stack to switch to IP mobile.
IP Mobile	Only 4G/2G is used, Ethernet is not used. **Note** **Danger** Ethernet is still used for • access to the web server via a web browser • APP access • for push notifications (SW <= v3.01.01) • For cameras in the local network It is not possible to access the alarm panel with the app via the ABUS server and via IP mobile. It is not possible to access the web server of the alarm panel via IP mobile. **Note** **Push notifications** The push notification only functions via the wireless mobile module (IP mobile) if a PPP connection (point to point protocol, IP mobile) is already active/configured for another service (e.g. e-mail). E-mail must be at least enabled. However, no e-mails need to be sent. Configure the settings for this accordingly. **Configure ABUS server, app and push via Ethernet.** **Note** SW >= 3.01.16 The alarm panel sends an ICMP Ping to the ABUS server every 30 minutes. This **only** occurs via Ethernet, **not** via IP mobile. For details, see also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup) In this configuration, it is useful to set the ABUS server to **disabled** in order to prevent malfunctions. With the IP mobile setting, it is not possible to use the app to access the alarm panel via the ABUS server.

Email Setup



Name/function	Explanation (checkbox)	Max. characters
Server Name	SMTP server name of the email service provider.	32
IP Port Number	IP port number	5
Account	Name of the email account (usually the email address)	90
User name	User name (depending on the provider, either the entire email address or a separate user name)	90
Password	Password for the email account **Note** This entry is case-sensitive.	32
SSL	**Enabled** An encrypted connection (SSL) to the provider is established. **Deactivated** An unencrypted connection (SSL) to the provider is established.	-

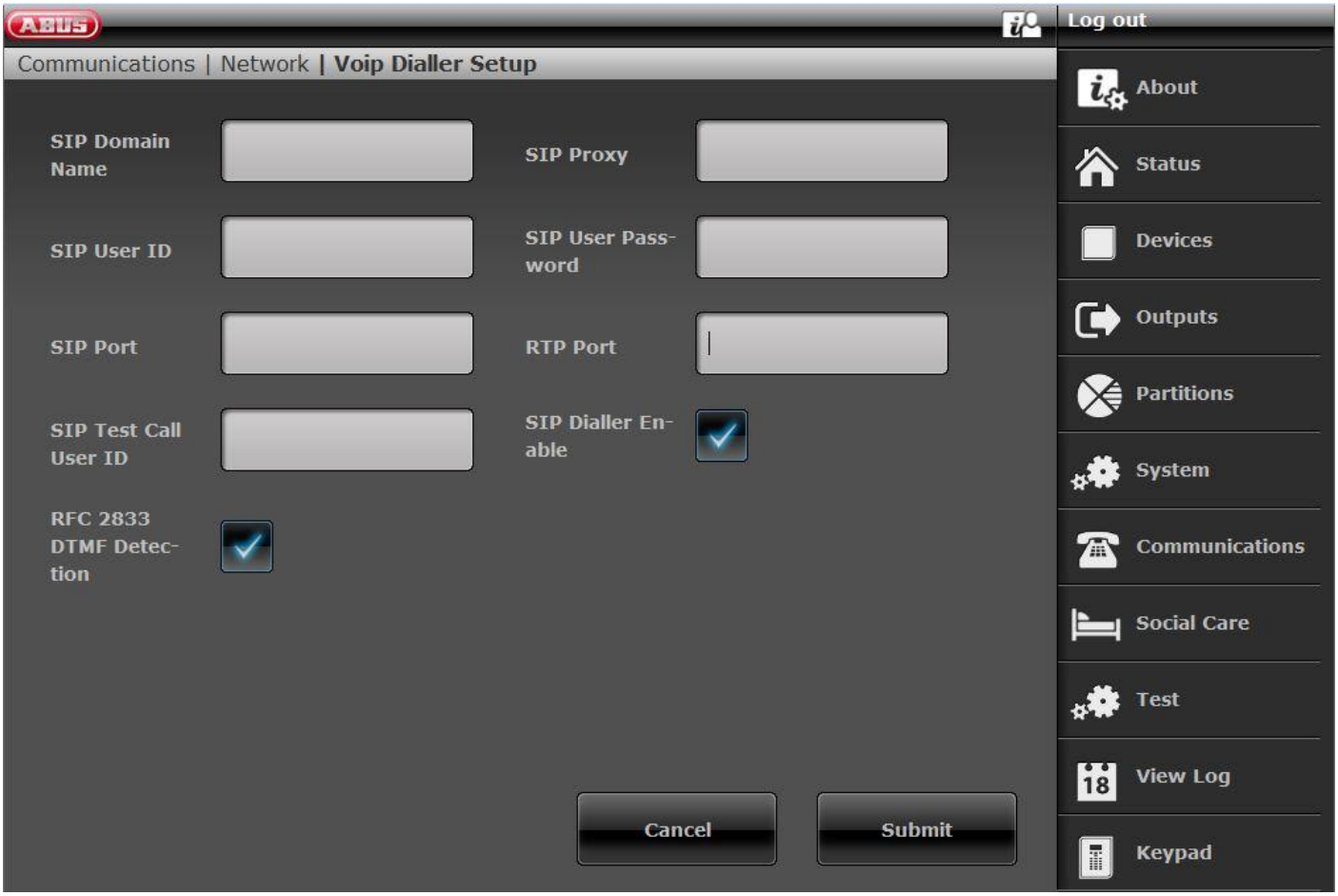
The appendix contains some recommended and tested settings.

The FAQs of the email provider in question will also have additional information about the parameters used.

Note

The alarm panel does not send information. A connection is only established when an e-mail is definitely sent, starting with a handshake. The information is then sent in accordance with the settings (e.g. encrypted or unencrypted) as well as the programmed texts and events.

VoIP Dialler Setup



Name/function	Explanation (checkbox)	Max. characters
SIP domain name	SIP server name of the individual SIP service provider e.g. sipgate.de	50
SIP proxy	Proxy of the individual SIP service provider e.g. sipgate.de	50
SIP User ID	User ID of the SIP service provider for your account	50
SIP User Password	SIP user password of the SIP service provider for your account	50
SIP Port	The port of the SIP service provider for your account Standard: 5060	5
RTP Port	RTP port number of the SIP service provider for your account	5
SIP test call user ID	User ID for the recipient of a test call via SIP Format S/W >=2.00.00 Phone number +49 (0)82071234567 ID, if the recipient has an account with the same SIP service provider 9876543 S/W <2.00.00 Phone number +4982071234567@sipgate.de	50

	sipgate.de is the individual SIP service provider, as SIP server name ID, if the recipient has an account with the same SIP service provider 9876543@sipgate.de	
SIP Dialler Enable	**Enabled** The SIP dialler is enabled. **Note** The alarm panel does not send information. A connection is only established when a call is definitely made, starting with a handshake. The information is then sent in accordance with the settings as well as the recorded voice messages for the events. **Deactivated**	**-**
RFC 2833 DTMF Detection	**Enabled** DTMF tones are also detected for SIP under certain requirements. **Deactivated** No detection of DTMF tones.	**-**

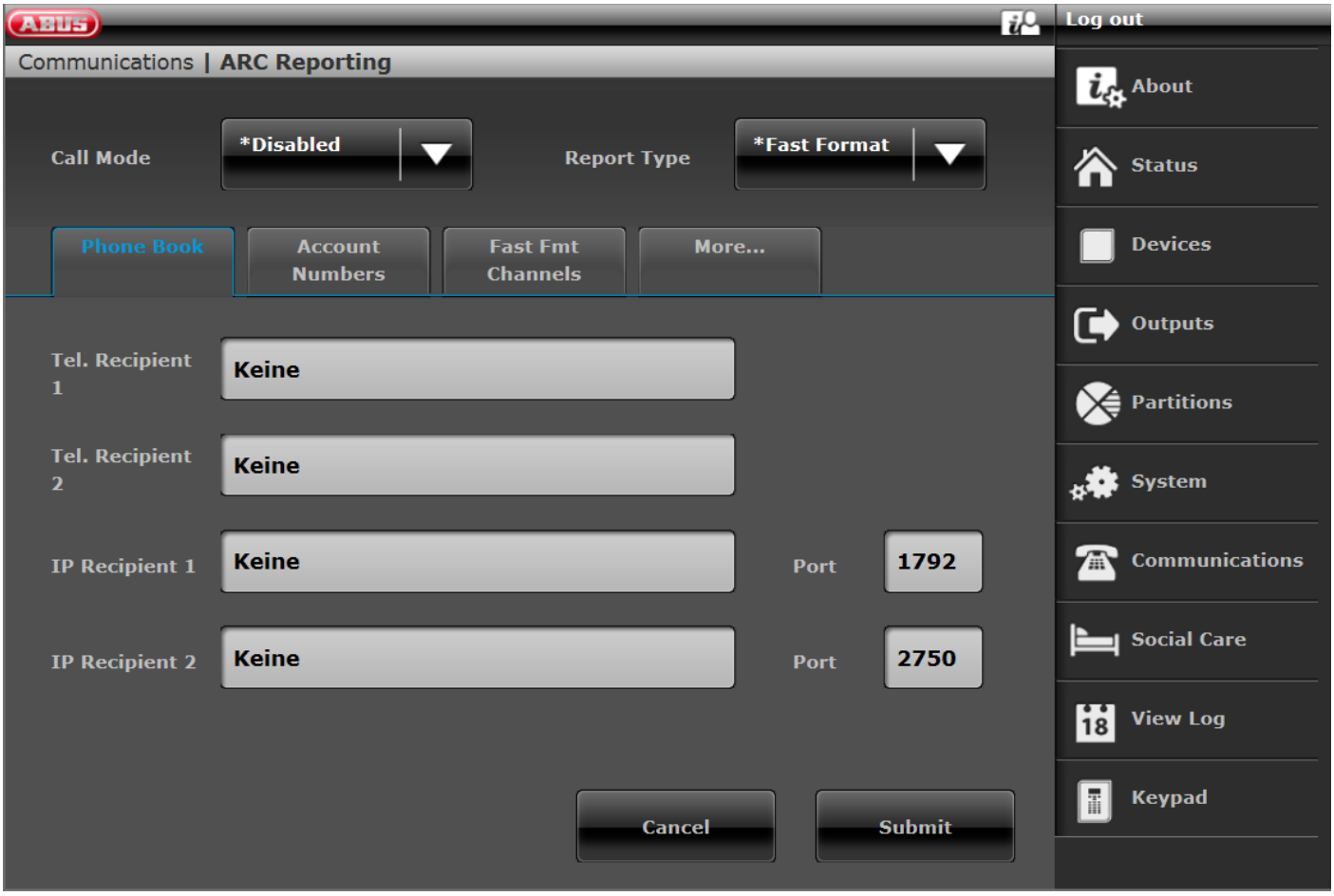
Note

The alarm control panel works through the communication types in the following order:

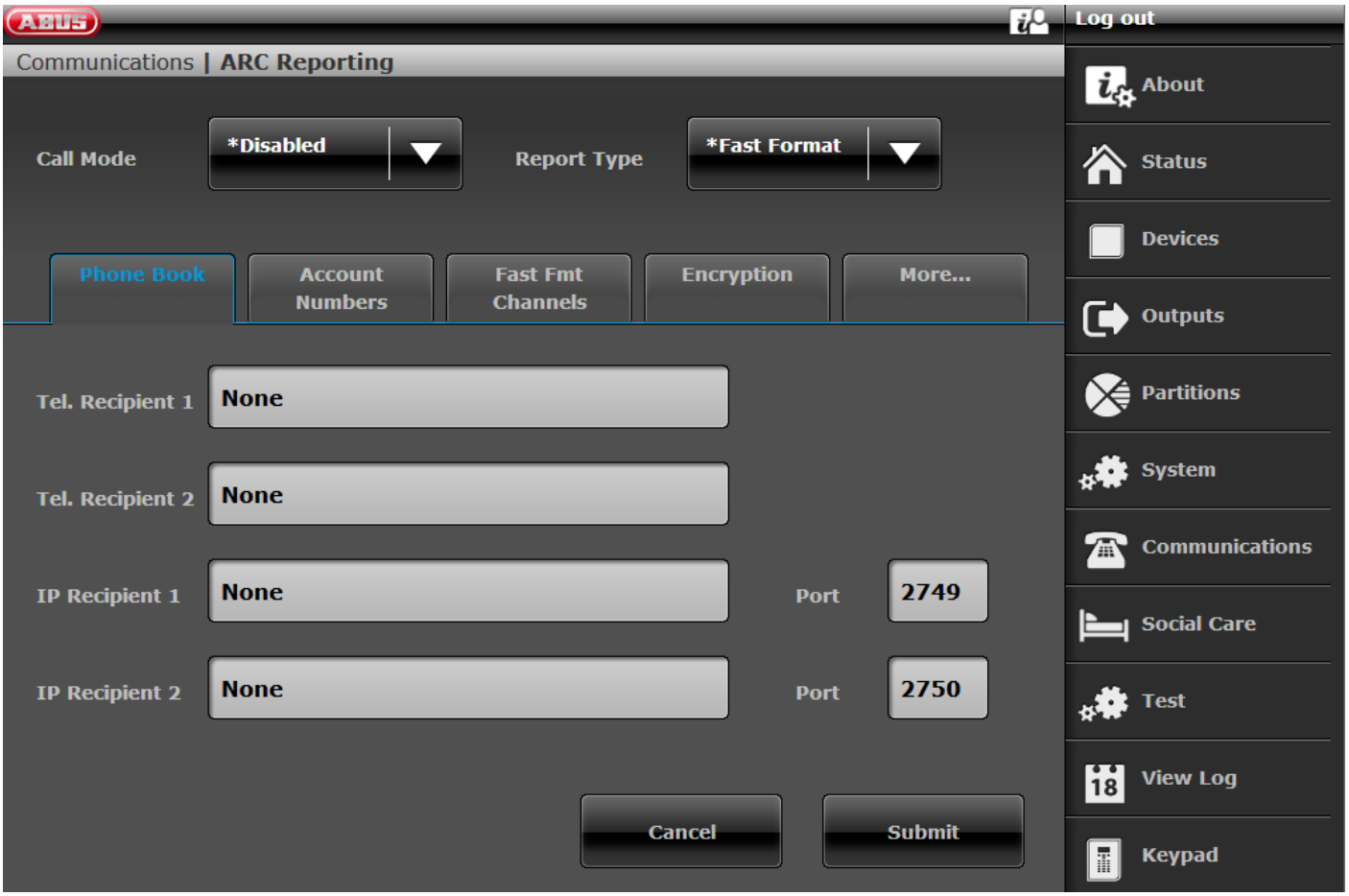
1. ARC/ESCC reporting
2. Email
3. Social care (protocol transmission)
4. SMS via GSM
5. Voice dialler
6. SMS via PSTN

Push notifications are independent of this sequence and may occur at any time.

ARC reporting



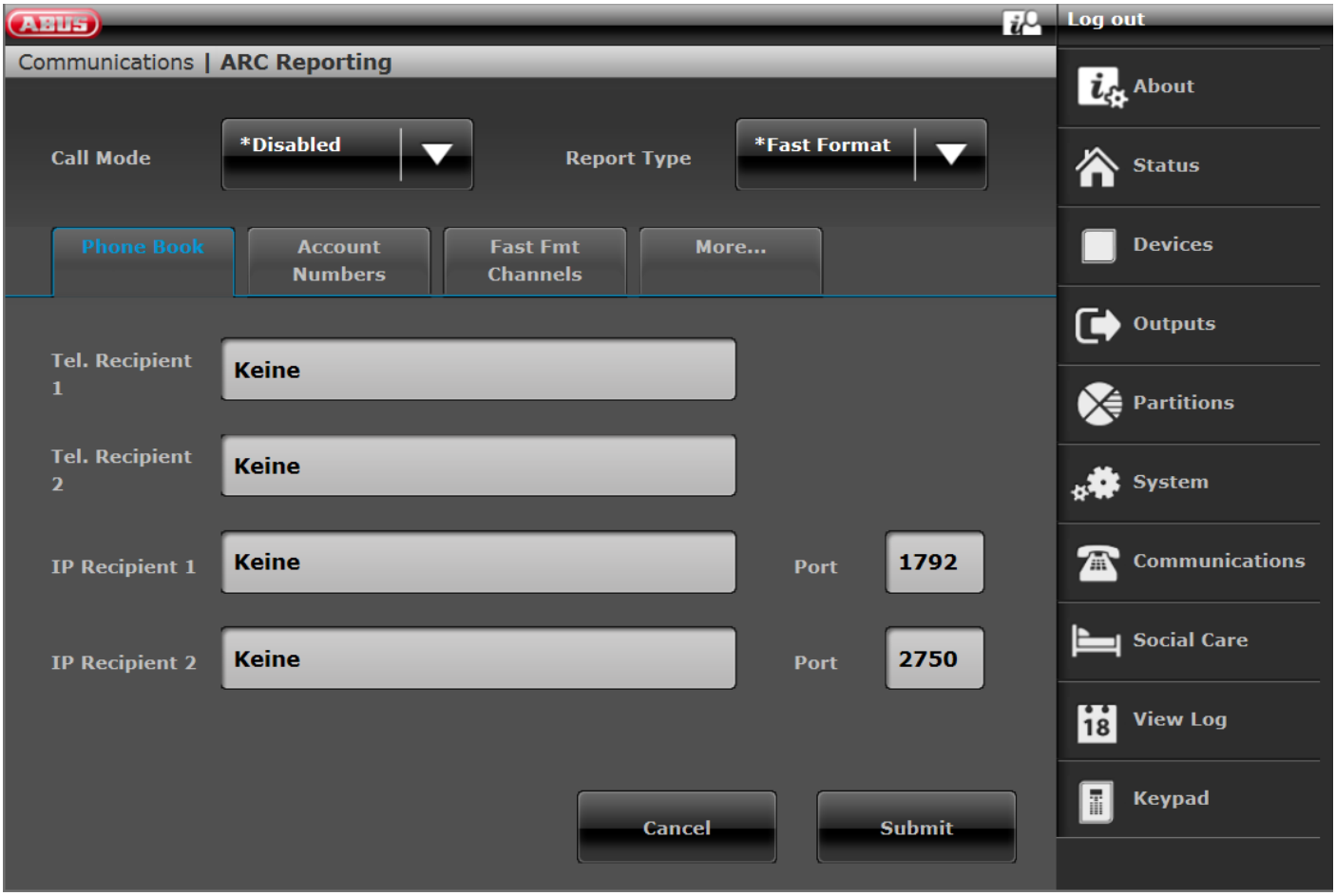
S/W >= 3.00.03



Name/function	Explanation (checkbox)
Call Mode	Dropdown selection field for: • Disabled • Single • Alternate **Note** The alarm panel does not send information. A connection is only established when there is concrete ESCC reporting, starting with a handshake. The information is then sent in accordance with the settings (e.g. encrypted or unencrypted).
Log	Dropdown selection field for: • Fast Format • Contact ID • SIA 1 • SIA 2 • SC SIA 3 • Ex SIA 3 • Ex SIA 3 v2

	• Ex SIA 3 v3 • Contact ID in SMS **Note** A detailed description of the protocol formats can be found in the Appendix "ARC (ESCC) reporting protocol formats"

ARC Reporting, Phone Book



Name/function	Explanation (checkbox)
Tel Recipient #	After clicking this field, the recipients that are stored in the phone book (contacts) appear. Select a recipient and their corresponding telephone number.
IP recipient #	After clicking this field, the recipients that are stored in the phone book (contacts) appear. Select a recipient and their corresponding IP address.
Port	To the right of the IP recipients, enter the port number that the ARC/ESCC has provided you with for this IP address.

Note

S/W >= 3.01.11

If the alarm panel was unable to reach the respective recipient during the first dialling attempt, the alarm panel will attempt to reach the respective recipient a maximum of three times.

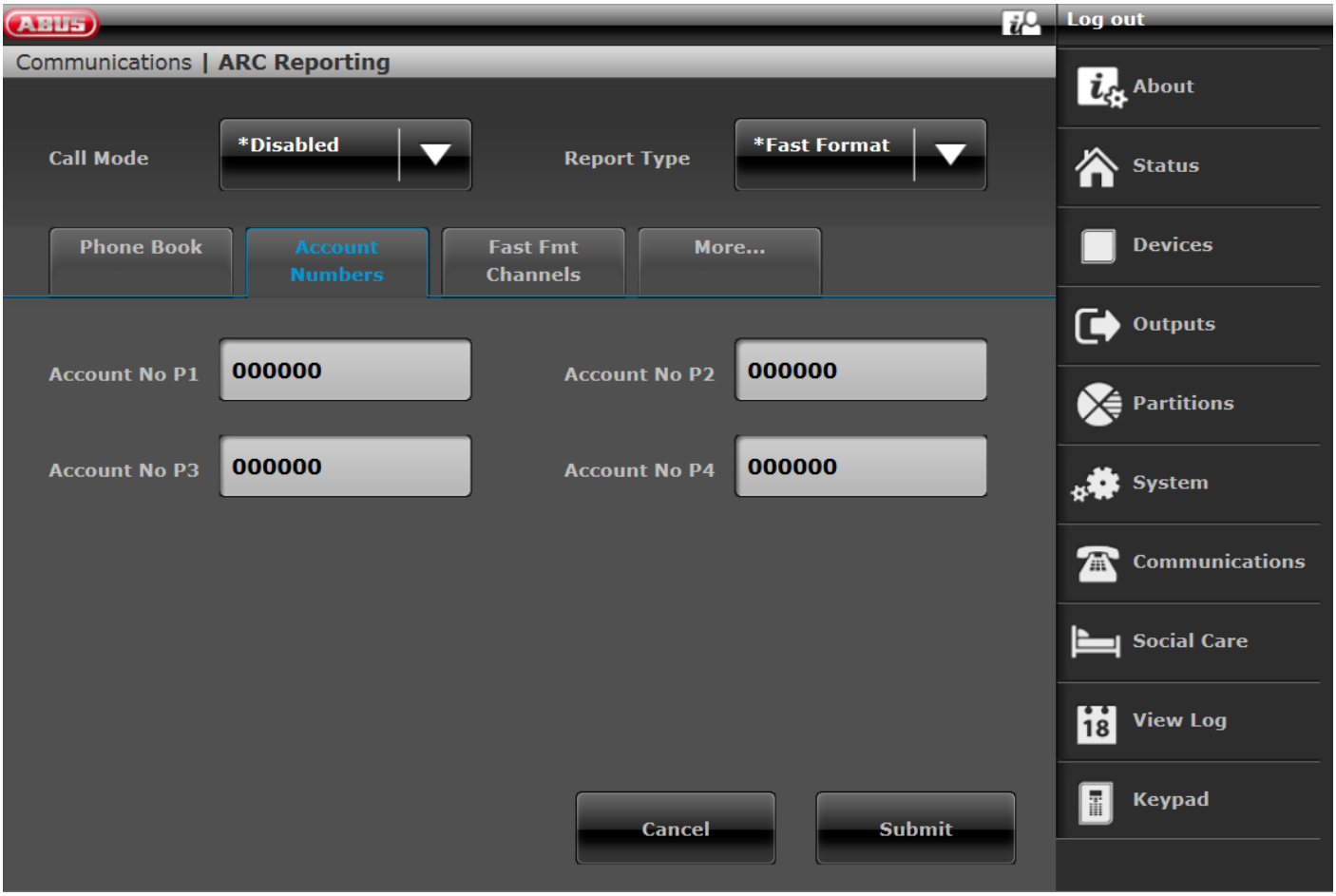
S/W < 3.01.11

The alarm panel attempts to reach the respective recipient max. 16 times.

Note

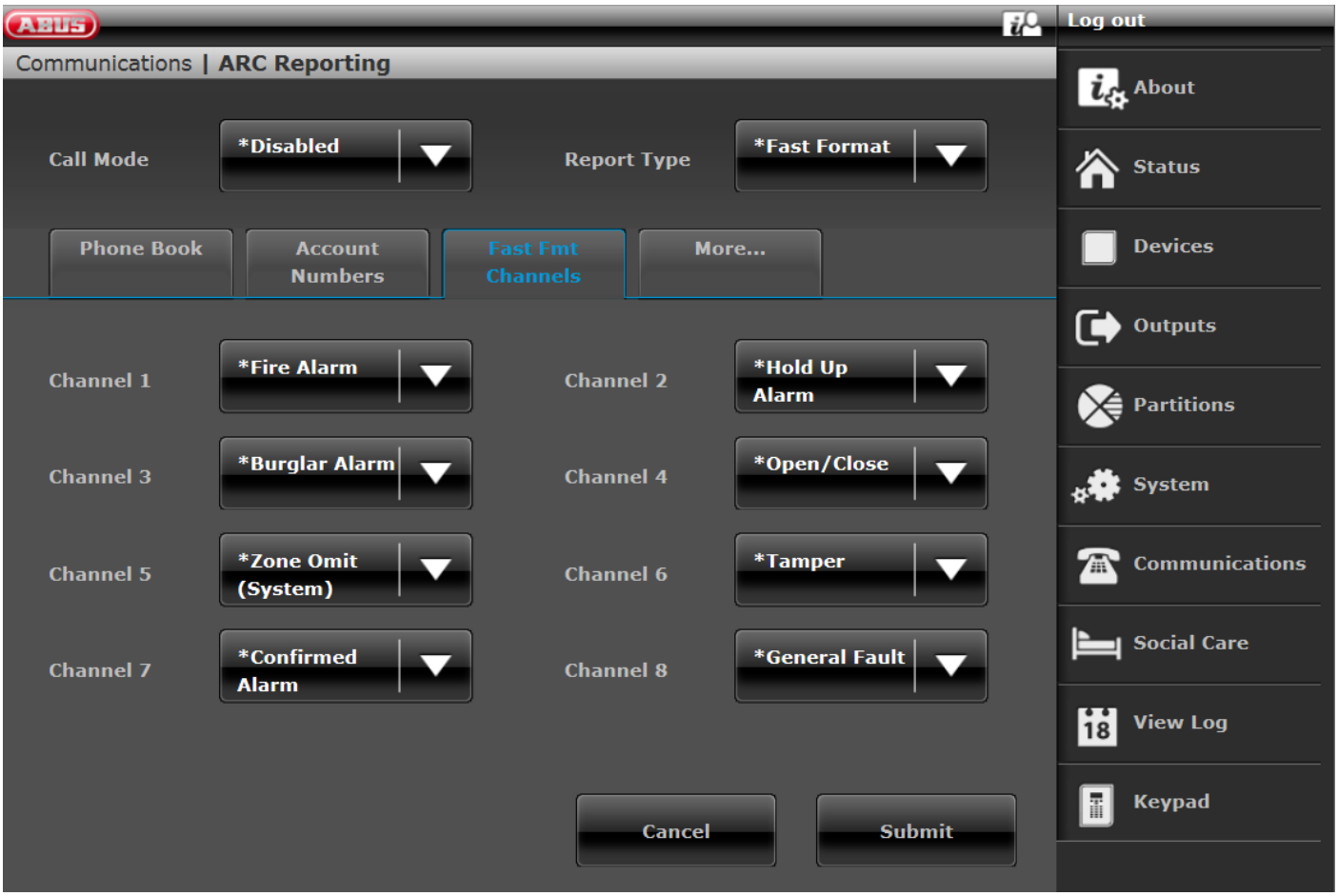
Contacts/recipients that are used for monitoring station switching are no longer "visible" in the user menu’s phone book. As a result of EN 50131 compliance, Level 2 users (access level 2) must not make any changes to the monitoring station switching.

ARC Reporting, Account Numbers



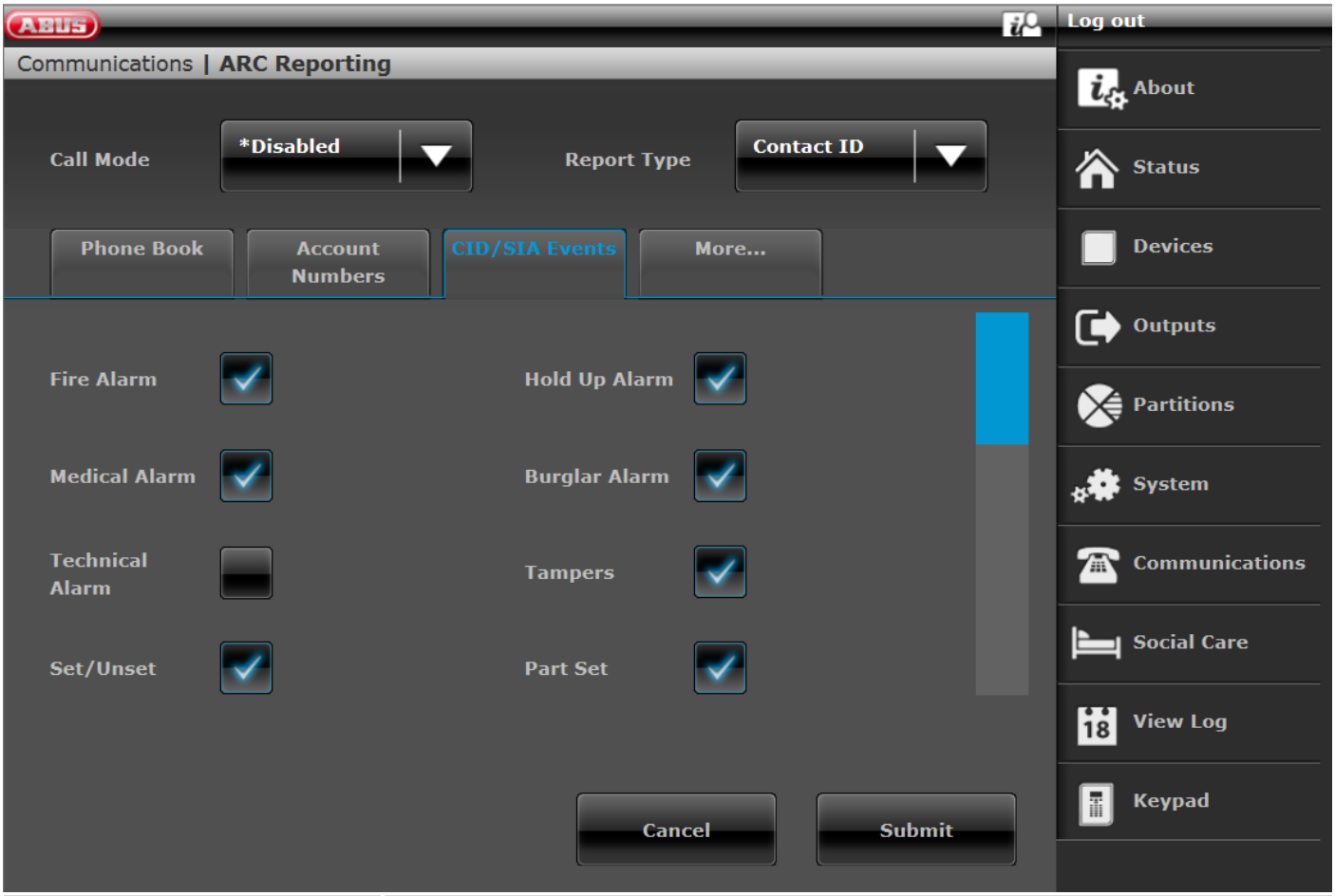
Name/function	Explanation (checkbox)
Account No P#	Input field for an account number with up to 6 digits for the partition in question. CID uses 4-digit account numbers With Fast Format, you can use 4, 5 or 6-digit account numbers. The alarm panel adds a leading zero to lengthen 5-digit account numbers into 6-digit codes. The alarm panel does not alter 4-digit or 6-digit account numbers.

ARC Reporting, Fast Fmt Channels (for "Fast Format" protocol only)



Name/function	Explanation (checkbox)	
Channel 1 to 8	Dropdown selection field for:	
	• Not Used • Intruder alarm • Conf. Intruder alarm • Burglar Alarm P1 • Burglar Alarm P2 • Burglar Alarm P3 • Burglar Alarm P4 • Panic alarm • HUA Confirm • Duress Code • Confirmed Alarm • Fire • Technical Alarm • Alarm Abort	• Medical Alarm • Key Box • Tamper Activated • RF Supervision • RF Jamming • RF Low Battery • Mains Fault • General Fault • Open/Close • Open • Close • Zone Omit (Setting) • Zone Omit (System)
Factory settings	Channel 1 Channel 2 Channel 3 Channel 4 Channel 5 Channel 6 Channel 7 Channel 8	Fire Panic alarm Intruder alarm Open/Close Zone Omit (Setting) Tamper Confirmed Alarm General Fault

ARC Reporting, CID/SIA Triggers (for all protocols EXCEPT "Fast Format")



Name/function	Explanation (checkbox)
Fire **Medical Alarm** **Technical Alarm** **Set/Unset** **Reset** **Omit** **RF Supervision** **RF Battery/PSU** **Mains Fault** **Installer Mode** **Time/Date Reset** **Panic alarm** **Intruder alarm** **Tampers** **Part set** **Exit Timeout** **Key Box** **RF Jamming** **Panel Battery**	**Enabled** Events from this group are transmitted to the ARC/ESCC. **Deactivated** **No** events from this group are transmitted to the ARC/ESCC. **Note** This menu only appears if you select "Contact ID" or one of the SIA versions as a protocol. If you approve a group using "Yes", the alarm control panel can send every event from this group. A detailed overview of the assignment can be found in the Appendix “CID/SIA Events”. To simplify the programming, the possible CID/SIA events are assigned to corresponding groups. In Table 1 and 3, you can see the CID/SIA events with the corresponding group assignment. In Table 2 and 4, you can see the groups with the corresponding CID/SIA events.

Faults	
User Code Chnge	
Camera supervision	

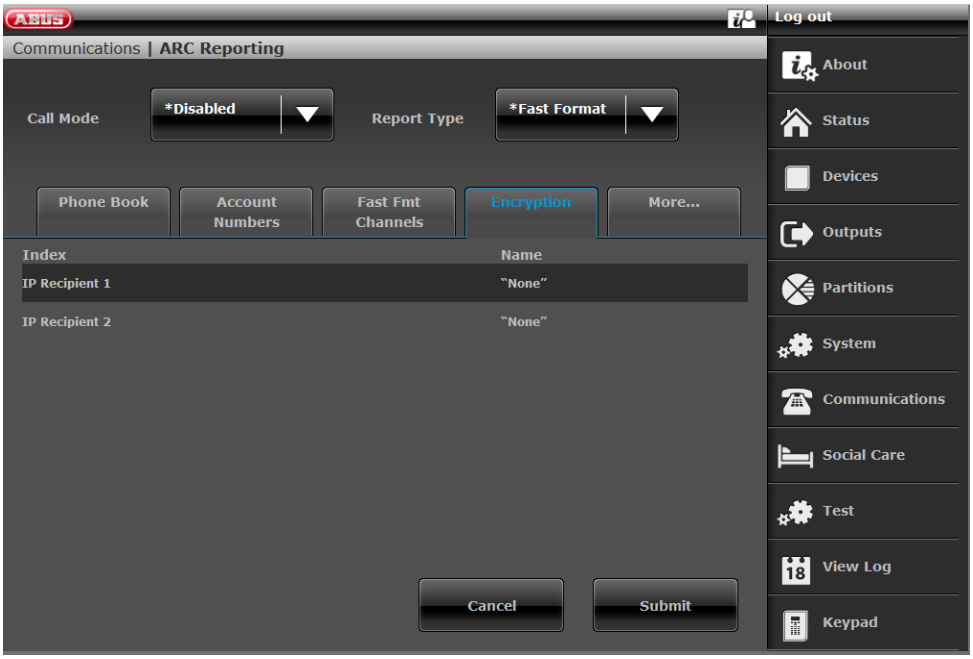
Encryption

From S/W v3.00.03 onwards, the message transmission to ARC/ESCC can also be encrypted.

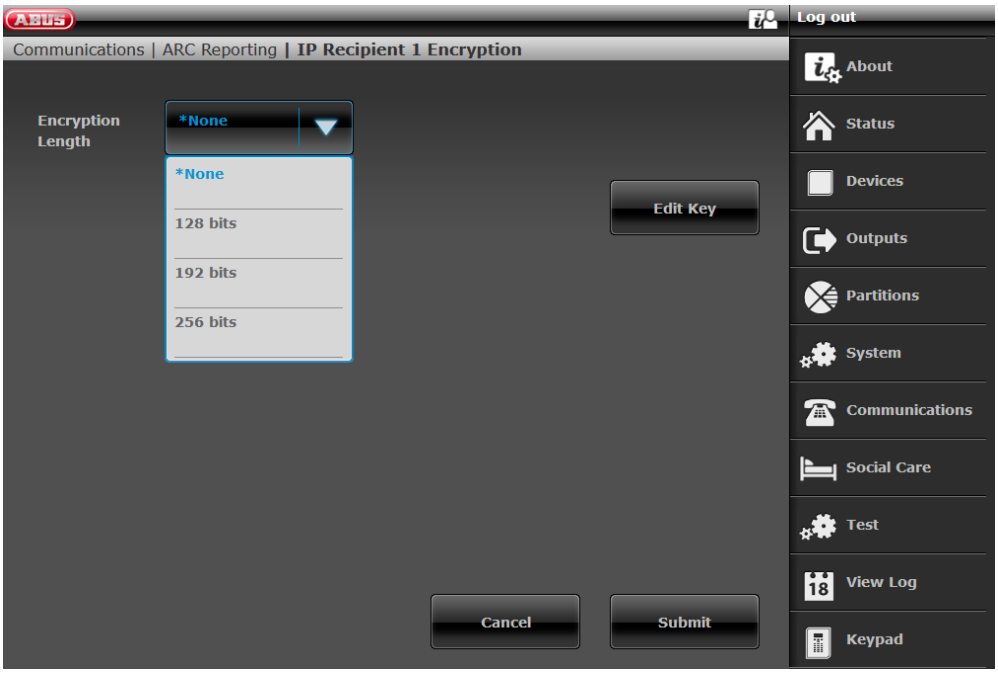
Note
This is where the provisions of the following document apply.
ANSI/SIA DC-09-2013: Internet Protocol Event Reporting
SIA Digital Communication Standard – Internet Protocol Event Reporting
For further details, see the "ARC/ESCC reporting" chapter in the appendix.

Danger
Please note that the time in the alarm panel must be set accurately so that the authorisation functions properly. Setting the time via an SNTP server is recommended here.

Click on the desired IP recipient.

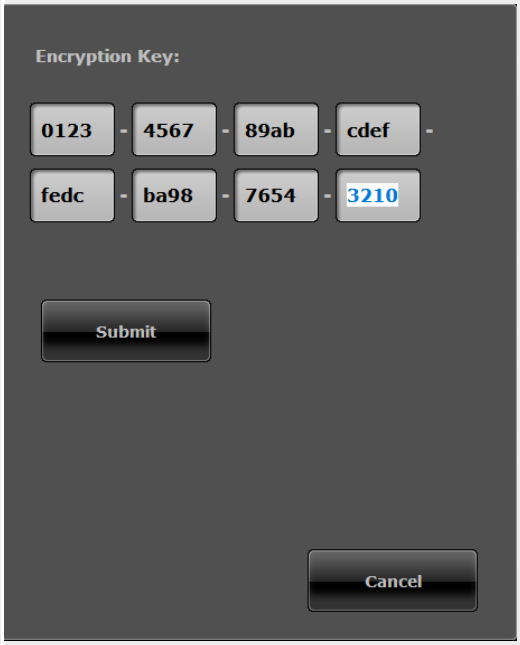


Select the desired key length



To input the key, click on "Edit key"

Name/function	Explanation (checkbox)
Encryption length **Key length**	None 128 bits 192 bits 256 bits
None	The messages are sent unencrypted
128 bits	**Note** Enter the 32 hexadecimal characters as a key here. Hexadecimal characters are 0–9 and a–f

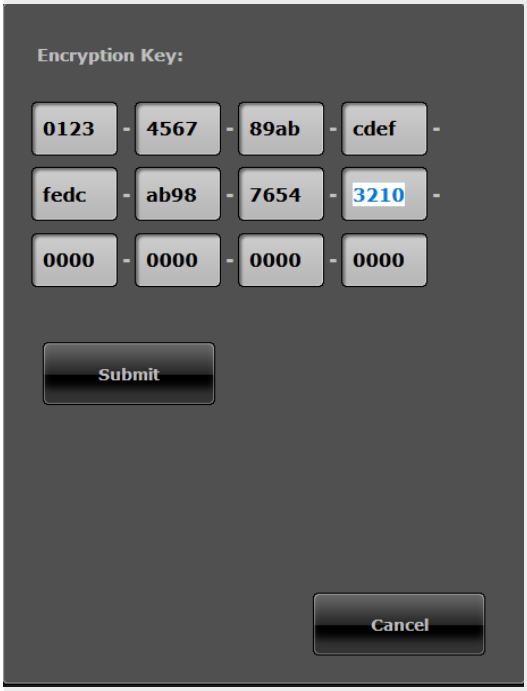


192 bits

Note

Enter the 48 hexadecimal characters as a key here.

Hexadecimal characters are 0–9 and a–f

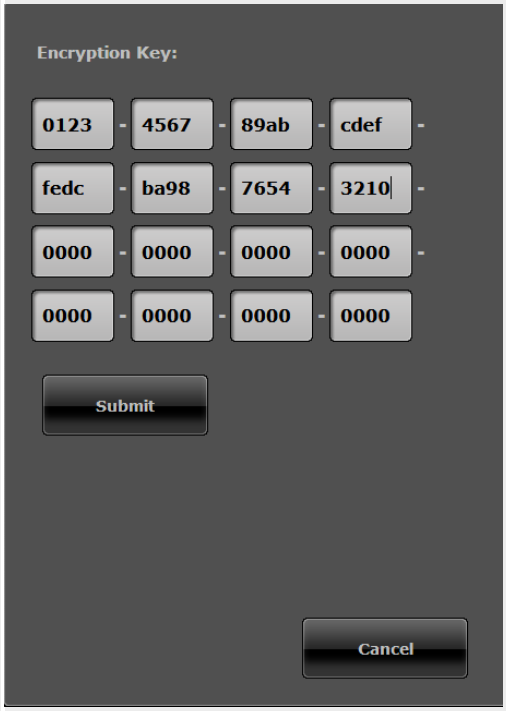


256 bits

Note

Enter the 64 hexadecimal characters as a key here.

Hexadecimal characters are 0–9 and a–f



On the **alarm panel** you will find the encryption settings under:

Installer Mode -> Communications -> ESCC Reporting -> Recipient -> IP Recipient 1/2

- Receiver
- IP Port Number
- Key length
  - None
  - 128 bit
  - 192 bit
  - 256 bits
- Key

Note

The menu item does **not** appear when "None" is selected for the key length.

128 bit has been selected as the key length.

0000 0000 0000 0000

0000 0000 0000 0000

Note

Enter the 32 hexadecimal characters as a key here.

Hexadecimal characters are 0–9 and a–f

192 bit has been selected as the key length.

0000 0000 0000 0000
0000 0000 0000 0000
0000 0000 0000 0000

Note

Enter the 48 hexadecimal characters as a key here.

Hexadecimal characters are 0–9 and a–f

256 bit has been selected as the key length.

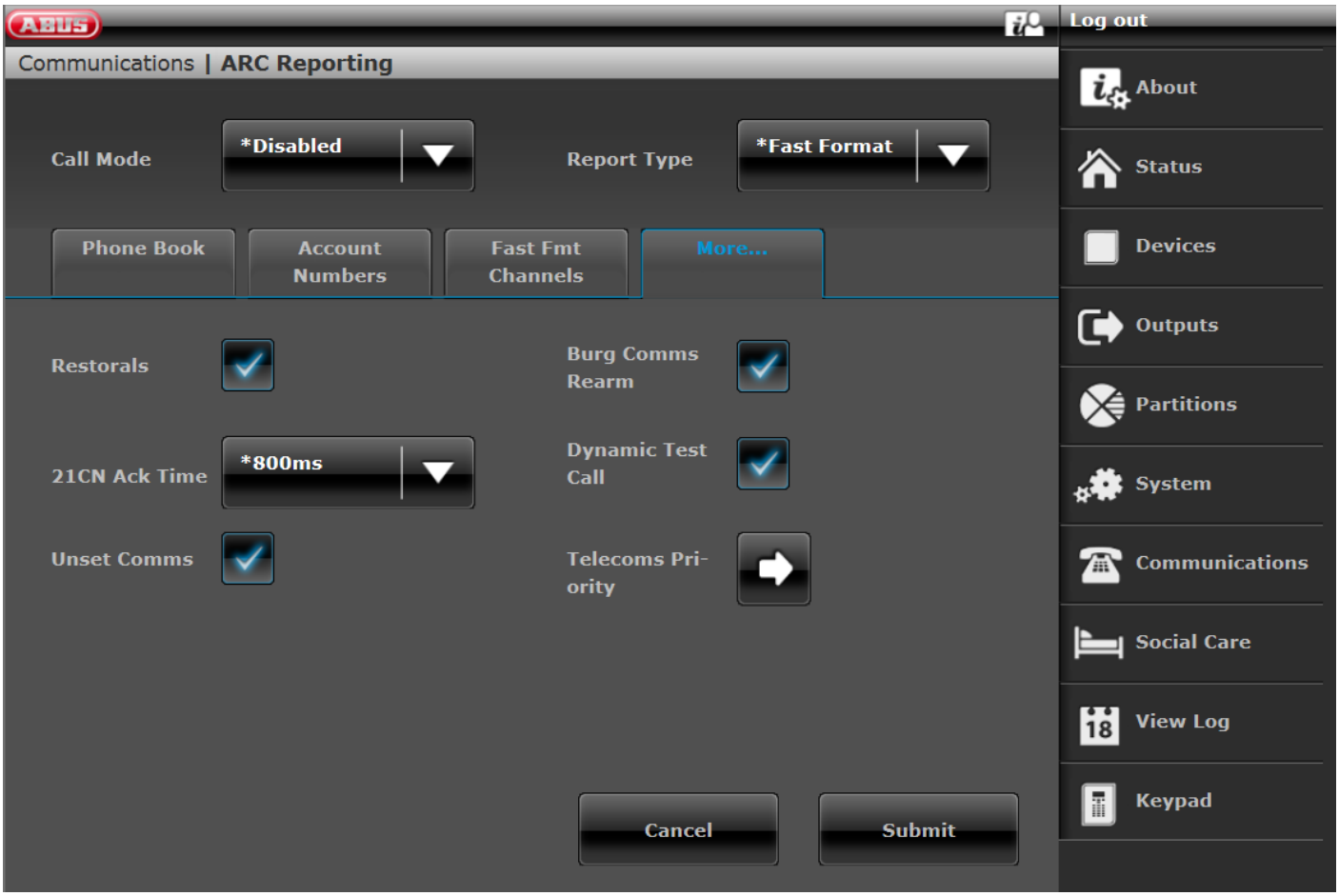
0000 0000 0000 0000
0000 0000 0000 0000
0000 0000 0000 0000
0000 0000 0000 0000

Note

Enter the 64 hexadecimal characters as a key here.

Hexadecimal characters are 0–9 and a–f

ARC Reporting, More



Name/function	Explanation (checkbox)
Restorals	If an event occurs that should be reported to the ARC, two bits of information are transmitted to the ARC: • Type and time of the event taking place • Event reset The event reset is called a "restoral". **Enabled** The information about the event reset (restoral) is transmitted to the ARC. **Deactivated** The information about the event reset (restoral) is not transmitted to the ARC.
21CN Ack Time	An analogue telephone connection to the ARC, directed via the new public telephone networks, sometimes takes more time than a conventional analogue connection to transmit the information including confirmation with the Fast Format protocol. Use this option to set the wait time for the confirmation. Dropdown selection field for: • 400 ms • 500 ms • 600 ms • 700 ms • 800 ms • 900 ms • 1000 ms • 1100 ms • 1200 ms

Name/function	Explanation (checkbox)
Unset Comms	**Enabled**

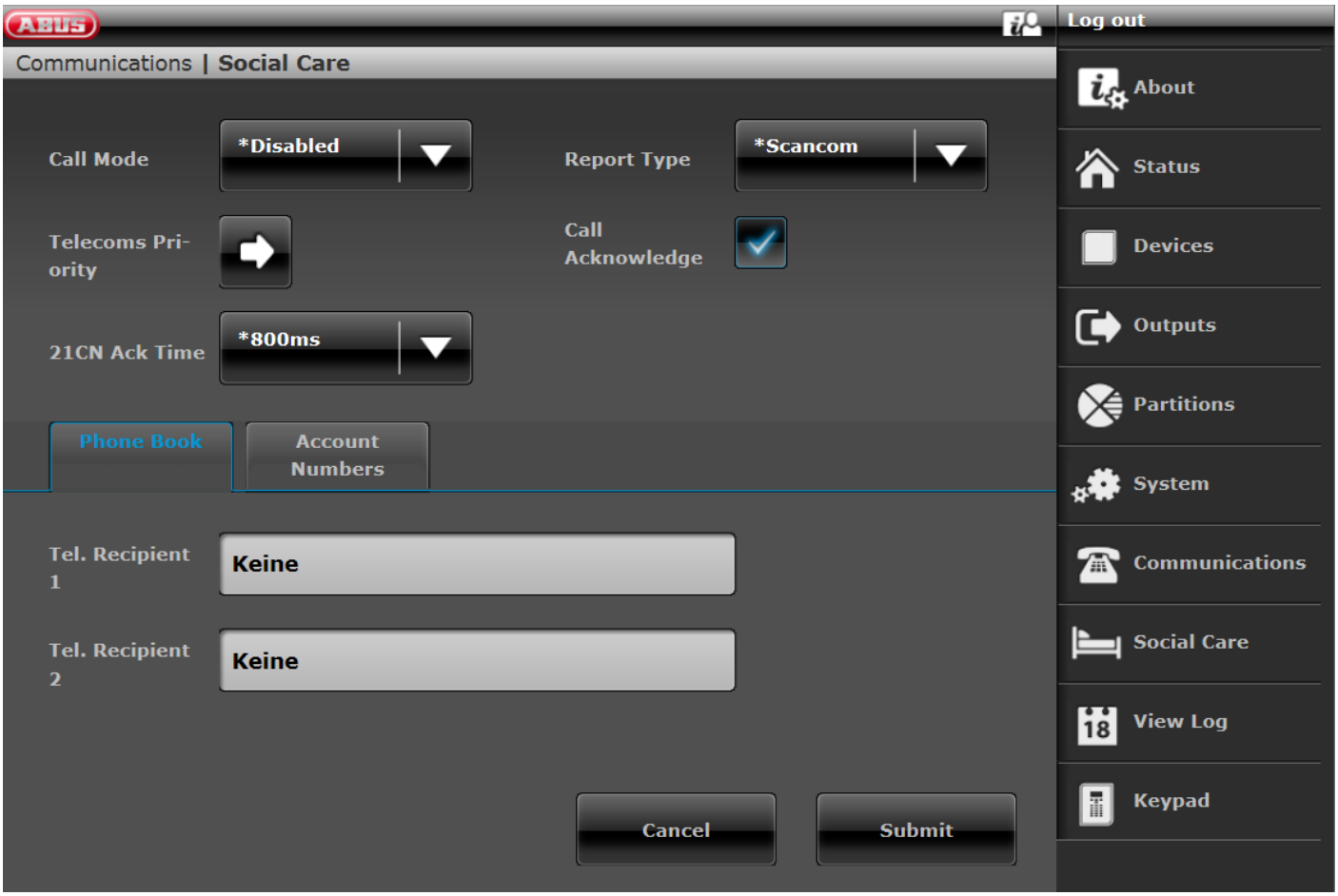
	The alarm system transmits all status messages to the ARC, regardless of whether the system is armed or disarmed. **Deactivated** The alarm system transmits tamper, network failure and other status messages to the ARC while it is armed. When disarmed, the status messages are not transmitted to the ARC.
Burg Comms Rearm	Only appears when “System → Confirmation → Confirmation Mode = Basic" and "Communications → Protocol = Fast Format") **Enabled** • The alarm system activates channel 3 again as soon as the siren time has expired. After channel 3 has been reactivated, an event can be transmitted again if it occurs. The system automatically omits triggered zones in this case. • Note: if a "Final Door" zone is triggered, channel 3 is activated at the end of the configured entry/exit time. **Deactivated** Channel 3 remains activated until a user or installer resets the system.
Dynamic Test Call	**Enabled** The dynamic test call is activated. The test call is started every 24 hours after the last transmission. **Note** The advantage of the dynamic test call is that a test transmission is only made to the monitoring station if there was no transmission in the last 24 hours. If you have programmed an active/disarmed transmission, then it is possible that no test transmission will be made for several days if the system is activated or disarmed daily. **Deactivated** The dynamic test call is deactivated. The "Static Test Call" dropdown selection field appears.
Telecoms Priority	Set the order in which the communication methods should be used here. • Ethernet / IP Mobile 1, 2, 3 or No • PSTN 1, 2, 3 or No • GSM/mobile 1, 2, 3 or No **Note:** The alarm control panel automatically uses the IP-based protocol DC-09 if the alarm control panel uses Ethernet (LAN) as an outgoing communication path. In doing so, the data from traditional protocols are packed into IP packages and transferred. For details, see the "ARC/ESCC reporting protocols" appendix **S/W >=3.00.05** Set the order in which the communication methods should be used here. • Ethernet / IP Mobile 1, 2, 3 or No **Note** means data transfer according to the setting via IP gateway the "I Mobile Setup" menu

	Note SW >= 3.01.16 See also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup) • PSTN 1, 2, 3 or No • Mobile 1, 2, 3 or No **Note** means classic voice transmission (also DTMF and FSK) or SMS transmission via a wireless mobile network. **Note** The display varies according to the setting via IP gateway the “IP Mobile Setup” menu.
Stat. Test Call Only when "Dynamic Test Call" is deactivated	**Dropdown selection field for:** • Disabled • Daily • Weekly • Monthly **Note** For each of the three types of call - daily, weekly and monthly - the alarm panel adds a random minute value. This minute value lies between 0 and 16. The call can, therefore, occur up to 16 minutes after the hour you have entered. This should ensure that the ARC (ESCC) is not flooded with test calls from the system that all contain the same time.
SET THE HOUR Only for "Static Test Call" • Daily • Weekly • Monthly	Input field for the time of the daily test call (hh:mm) **Note** Only full hours are possible.

Name/function	Explanation (checkbox)
SET THE DAY Only for "Static Test Call" • Weekly	**Dropdown selection field for:** • Sunday • Monday • Tuesday • Wednesday • Thursday

	• Friday • Saturday
SET THE DAY Only for "Static Test Call" • Monthly	Input field for the day of the month on which the test call should be carried out (1–31)

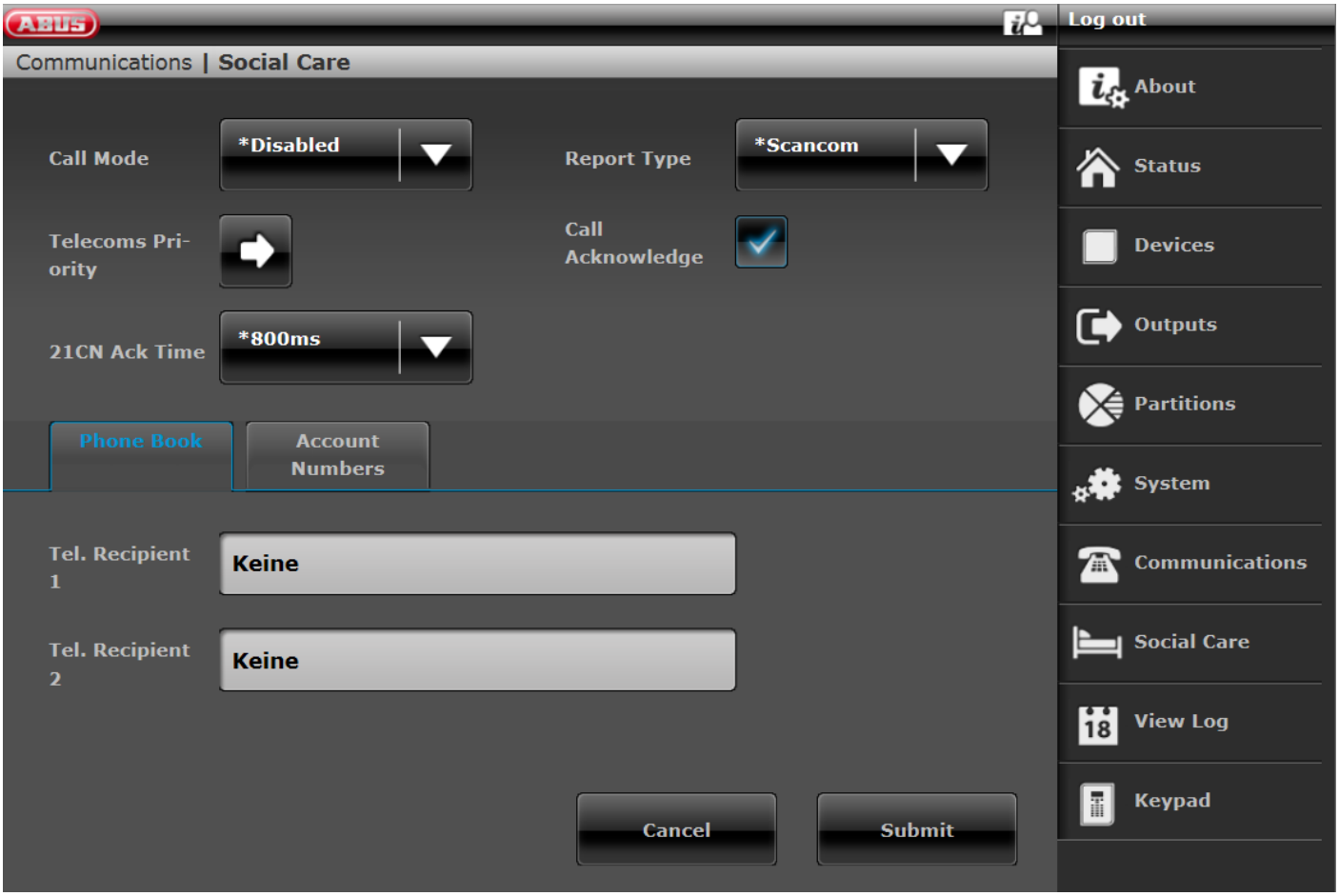
Emergency call



Name/function	Explanation (checkbox)
Call Mode	Dropdown selection field for: • Disabled • Single • Alternate **Note** The alarm panel does not send information. A connection is only established when an emergency call is actually sent, starting with a handshake. The information is then sent in accordance with the settings.
Log	**Dropdown selection field for:** • Scancom • Scanfast • Tunstall
Telecoms Priority	**S/W < 3.00.05** Set the order in which the communication methods should be used here: • PSTN 1, 2 or No • GSM/mobile 1, 2 or No

	S/W >=3.00.05 Set the order in which the communication methods should be used here. • PSTN 1, 2, 3 or No • Mobile 1, 2, 3 or No **Note** means classic voice transmission (also DTMF and FSK) via a wire less mobile network. **Note** The display varies according to the setting via IP gateway the “IP Mobile Setup” menu.
21CN Ack Time	An analogue telephone connection to the ARC, directed via the new public telephone networks, sometimes takes more time than a conventional analogue connection to transmit the information including confirmation with the Fast Format protocol. Use this option to set the wait time for the confirmation. **Dropdown selection field for:** • 400 ms • 500 ms • 600 ms • 700 ms • 800 ms • 900 ms • 1000 ms • 1100 ms • 1200 ms
Call Acknowledge	**Enabled** A social care alarm transmission must be confirmed by the recipient by pressing DTMF button"5", otherwise the calls will be repeated. **Deactivated** If the function is deactivated, the emergency call is treated like a transmission when the called line is answered.

Social Care, Phone Book



Name/function	Explanation (checkbox)
Tel Recipients 1 to 2	After clicking in the selection field, a pop-up window appears, where the desired telephone number of a recipient can be selected from the contacts in the phone book.

Note

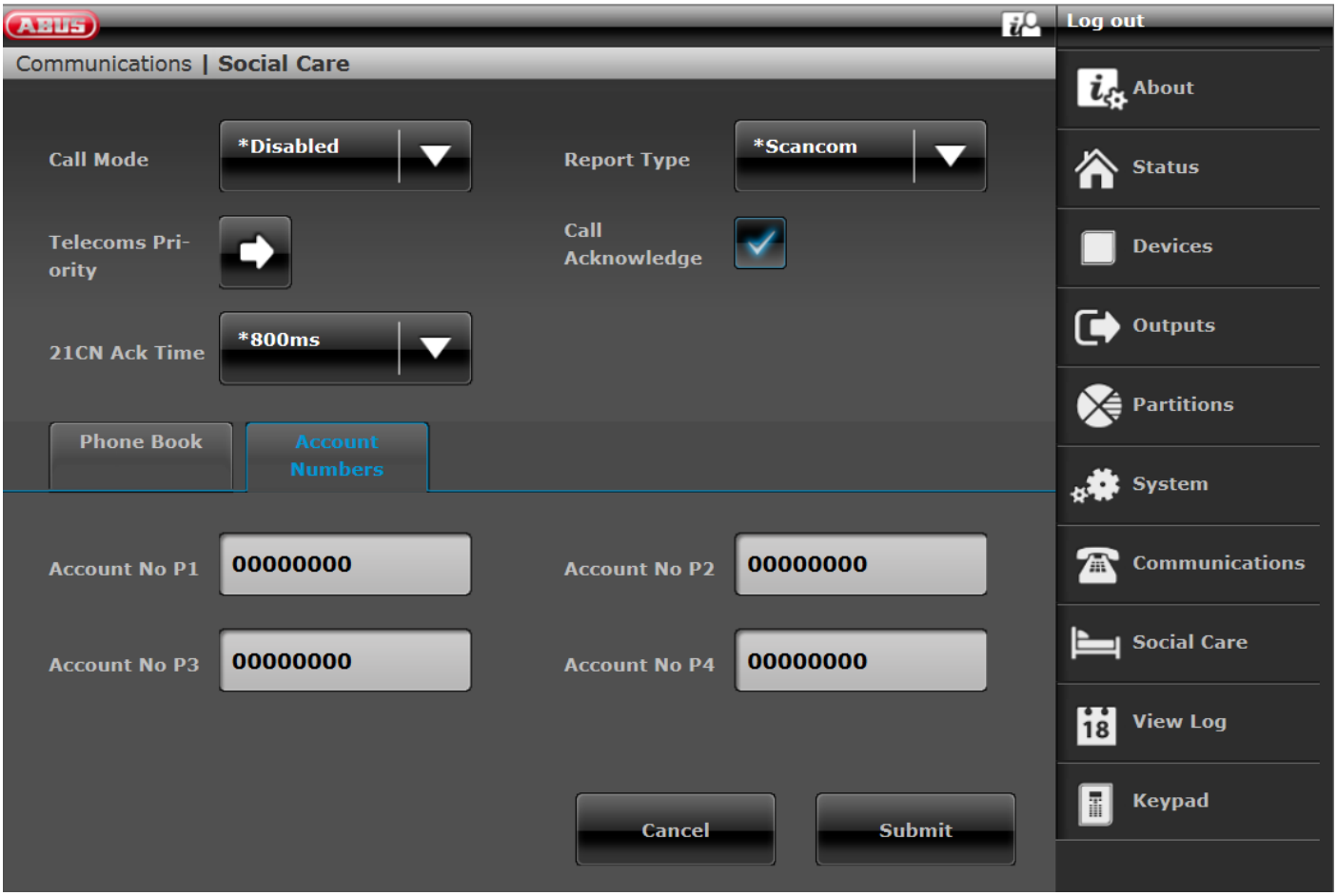
S/W >= 3.01.11

If the alarm panel was unable to reach the respective recipient during the first dialling attempt, the alarm panel will attempt to reach the respective recipient a maximum of three times.

S/W < 3.01.11

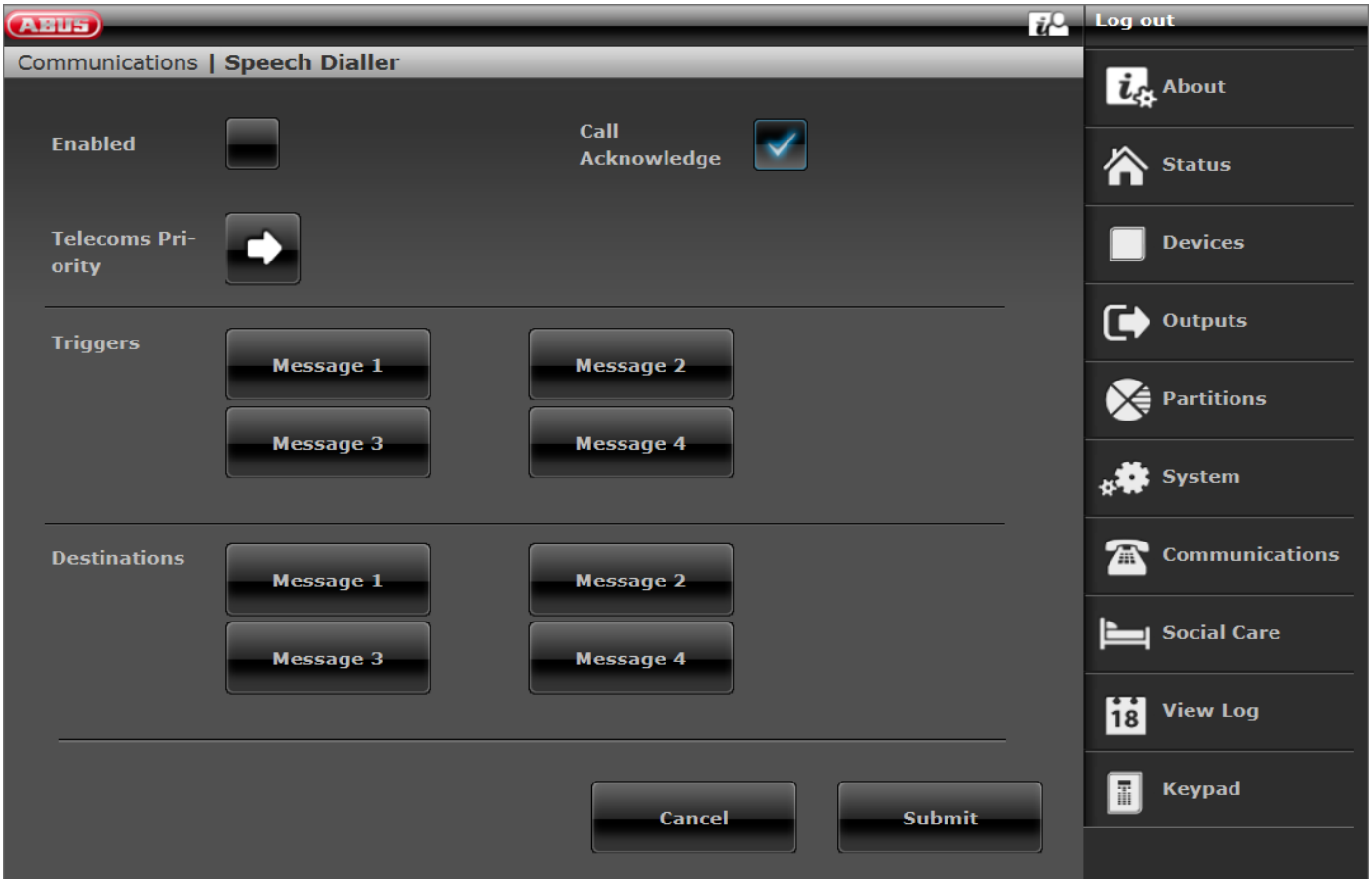
The alarm panel attempts to reach the respective recipient max. 16 times.

Social Care, Account Numbers

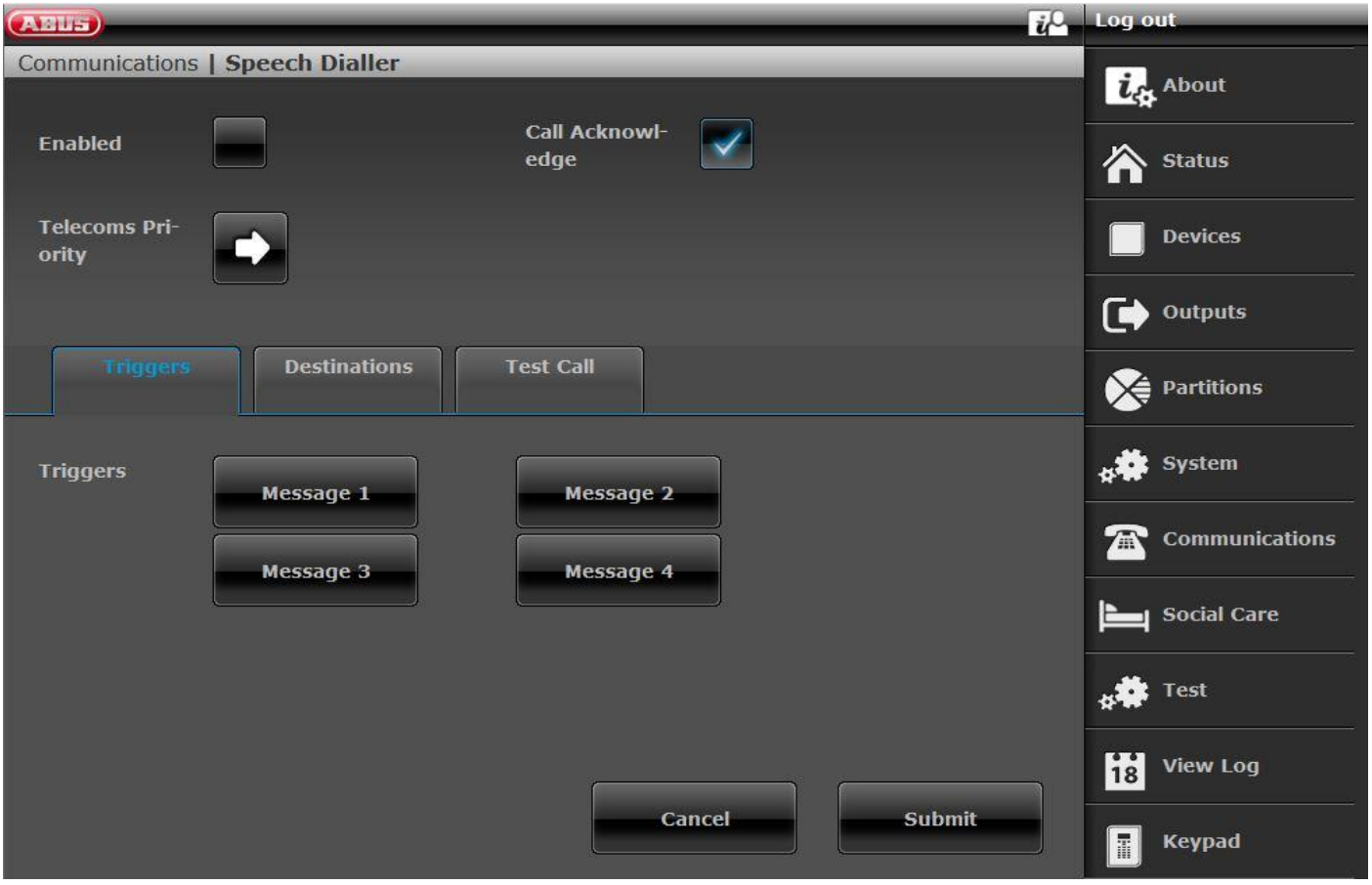


Name/function	Explanation (checkbox)
Account No P#	Store an 8-digit account number (factory default = 00000000) for switching to a social care alarm centre or alarm receiving centre for the partition in question. When reporting a social care alarm, the account number can comprise up to 8 digits. For the **Scancom** and **Scanfast** log types, the alarm panel uses the last 4 to 6 digits of the saved account number. If you enter 4 digits, the alarm panel only uses these 4 digits. If you enter 5 digits, the alarm panel adds a leading zero in order to lengthen the number of digits to 6. For the **Tunstall** log type, the alarm panel adds leading zeros to lengthen shorter account numbers to 8 digits.

Voice dialler



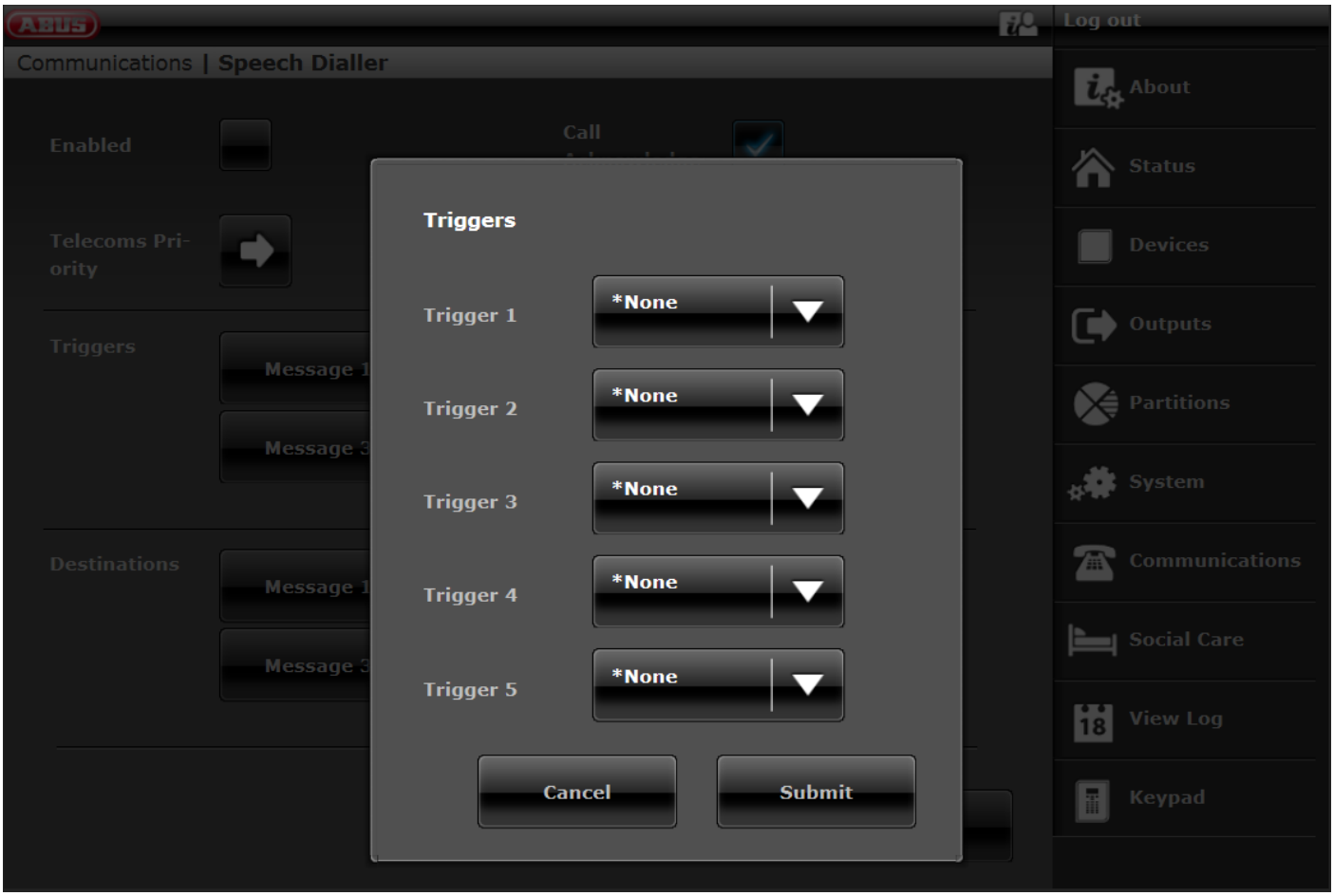
S/W >=3.00.05



Name/function	Explanation (checkbox)
Enabled	**Enabled** The speech dialler function is available. **Deactivated** The speech dialler function is not available. **Note** The alarm panel does not send information. A connection is only established when a call is definitely made, starting with a handshake. The information is then sent in accordance with the settings as well as the recorded voice messages for the events.
Telecoms Priority	Set the order in which the communication methods should be used here. • Ethernet 1, 2, 3 or No • PSTN 1, 2, 3 or No • GSM/mobile 1, 2, 3 or No **S/W >=3.00.05** Set the order in which the communication methods should be used here. • Ethernet 1, 2, 3 or No • PSTN 1, 2, 3 or No • Mobile 1, 2, 3 or No **Note** means classic voice transmission (also DTMF and FSK) via a wir less mobile network. **Note** The display varies according to the setting via IP gateway the “IP Mobile Setup” menu
Call Acknowledge	**Enabled** The alarm transmission must be confirmed by the recipient with "5" or "9" Pressing DTMF button "5": calls to this number are ended. Otherwise the calls are repeated and additional numbers are called. Pressing the DTMF button "9": the calling sequence on the alarm panel is terminated. **Note** For VoIP, **RFC 2833 DTMF Detection**must also be activated.

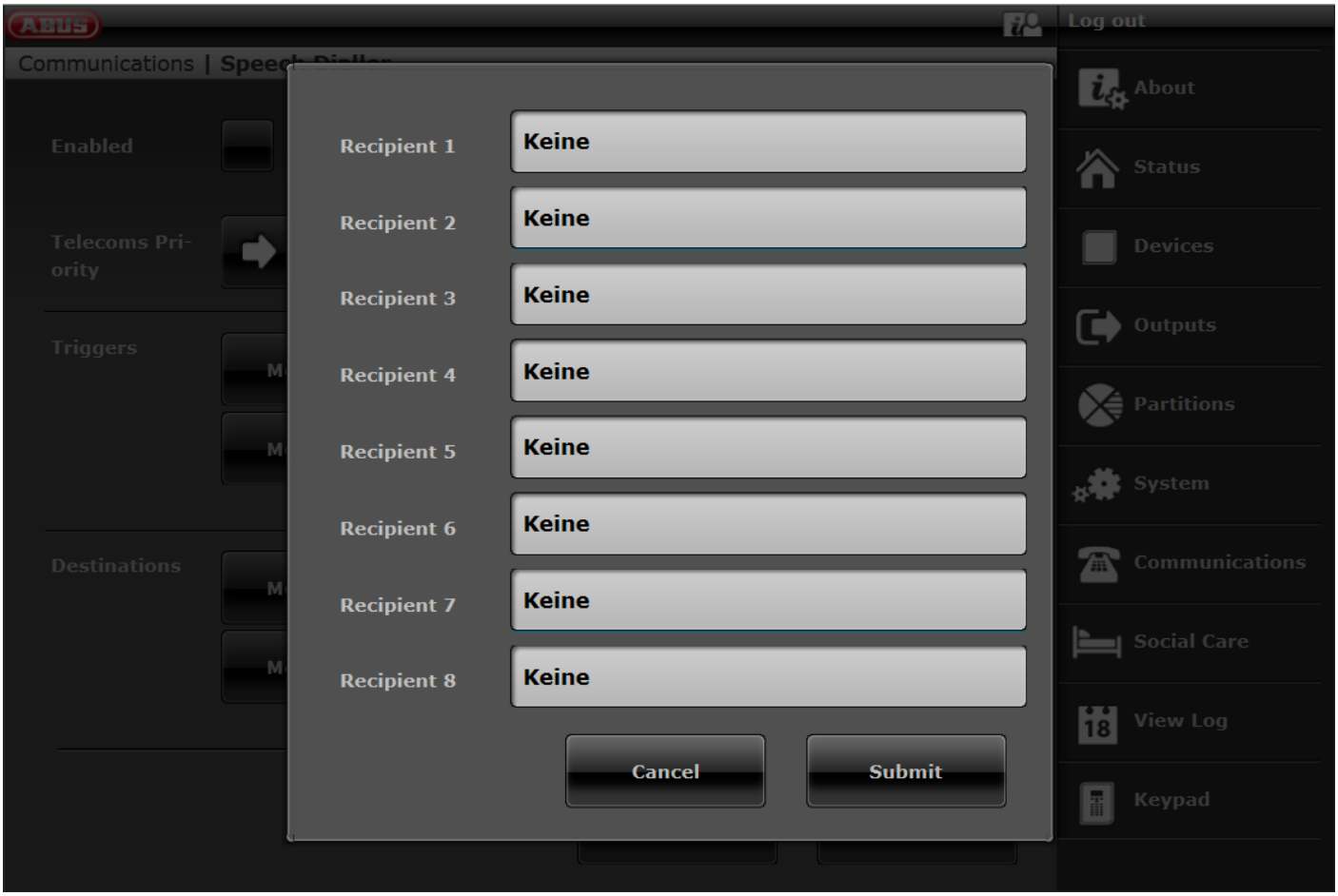
	Deactivated If the function is deactivated, the call is treated like a transmission when the called line is answered.
Messages	Select this item directly in the alarm panel and follow the instructions in the display. **Home Message (approx. 12 sec.)** This message is displayed with every voice transmission. Here you should record the data for the location of the wireless alarm panel (name, street, building number, etc.) **Message 1-4 (each approx. 8 sec.)** Recording the messages for the various events. There are four messages available. For example, record “fire alarm”, “intruder alarm”, ... **Note** At least one location message and one event message must be recorded. Do not forget to save the messages after recording. **Note** Note the settings during the test call:

Speech Dialler, Triggers



Name/function	Explanation (checkbox)
Event	**Dropdown selection field for:** • None • Intruder alarm • Panic alarm ○ Use of panic alarms and user threat code • Fire • Medical Alarm • Social Care Alarm • Social Inactivity • Technical Alarm • Soak Test Fault • Mains Fault • Tamper Activated • Jamming • Test Call **Note** Note the settings during the test call:

Speech Dialler, Destinations



Name/function	Explanation (checkbox)
Receiver	After clicking in the selection field, a pop-up window appears, where the desired telephone number or SIP ID of a recipient can be selected from the contacts in the phone book.

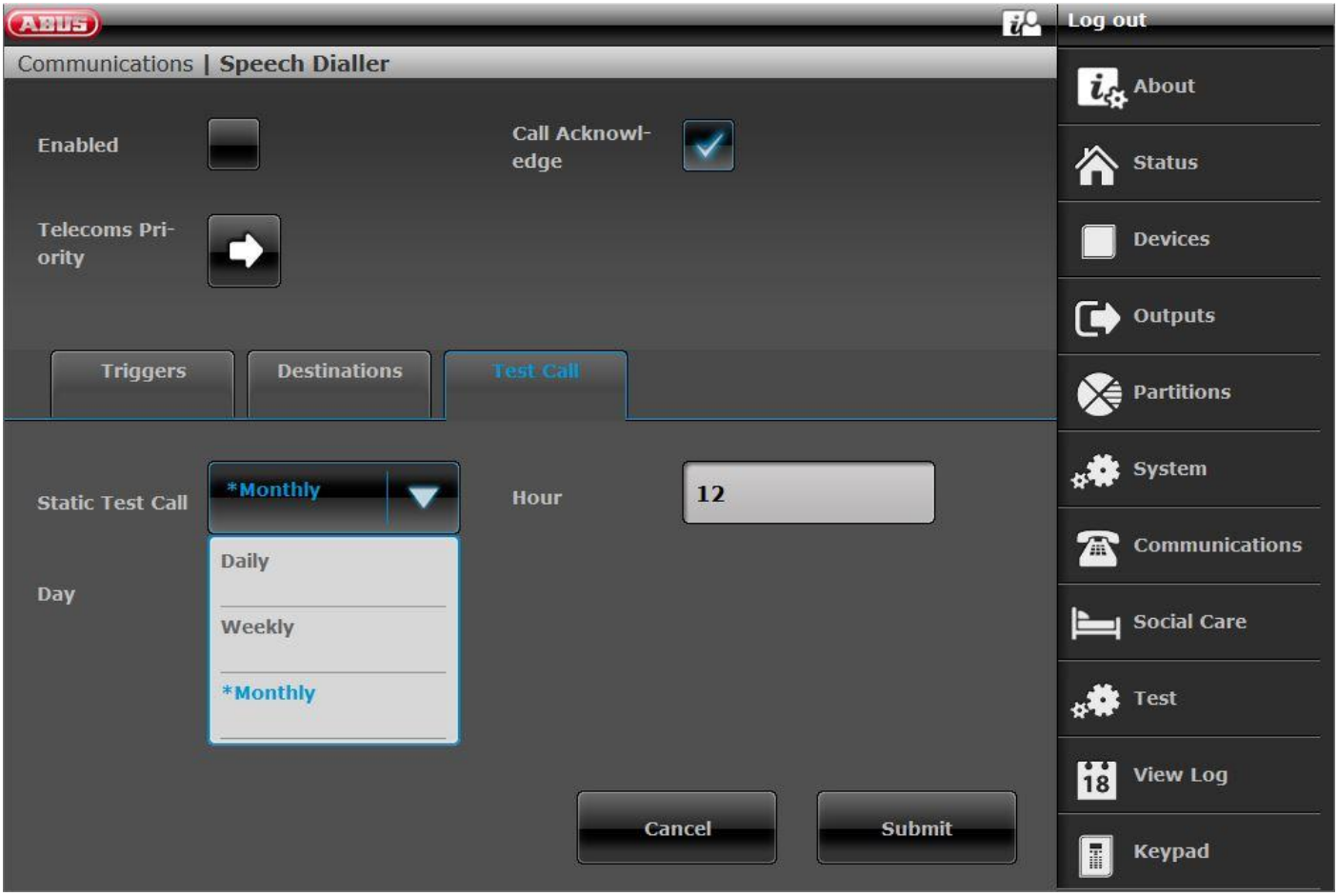
Note

S/W >= 3.01.11

If the alarm panel was unable to reach the respective recipient during the first dialling attempt, the alarm panel will attempt to reach the respective recipient a maximum of three times.

However, every recipient is attempted once via the available path before the alarm panel proceeds with the next attempt.

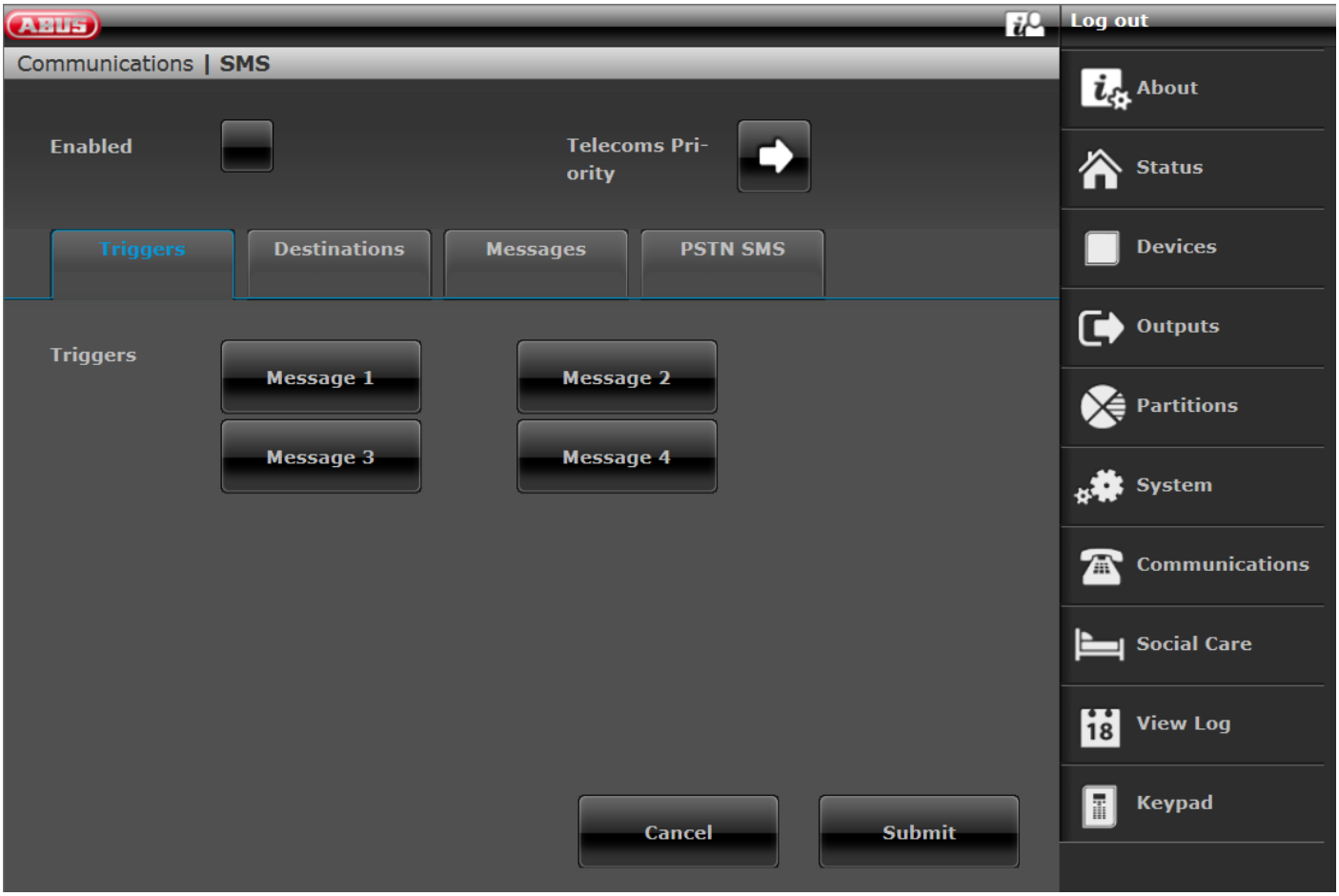
Speech Dialler, Test Call



Name/function	Explanation (checkbox)
Stat. Test Call	Static test call After clicking in a selection field, a pop-up window appears, where the desired rhythm can be selected. • Daily • Weekly • Monthly **Note** For each of the three types of call - daily, weekly and monthly - the alarm panel adds a random minute value. This minute value lies between 0 and 16. The call can, therefore, occur up to 16 minutes after the hour you have entered. This should ensure that the recipient is not flooded with test calls from systems, which all contain the same time. **Note** Note the settings during the event: **Note**

	It is important to record a “test call” voice message in order to differentiate clearly this test call from a normal alarm call.
Hour	Input field for the time of the daily test call (format: h or hh) (0 – 23) **Note** Only full hours are possible.
Days If “Stat. Test Call" • Weekly	**Dropdown selection field for:** • Sunday • Monday • Tuesday • Wednesday • Thursday • Friday • Saturday
Days If “Stat. Test Call" • Monthly	Input field for the day of the month on which the test call should be carried out. (1 - 31)

SMS



Name/function	Explanation (checkbox)
Enabled	**Enabled** The SMS function is available. **Deactivated** The SMS function is not available. **Note** The alarm panel does not send information. A connection is only established when an SMS is actually sent, starting with a handshake. The information is then sent in accordance with the settings as well as the programmed texts and events.
Telecoms Priority	**S/W < 3.00.05** Set the order in which the communication methods should be used here. • PSTN 1, 2, 3 or No • GSM/mobile 1, 2, 3 or No

S/W >=3.00.05

Set the order in which the communication methods should be used here.

- PSTN 1, 2, 3 or No
- Mobile 1, 2, 3 or No

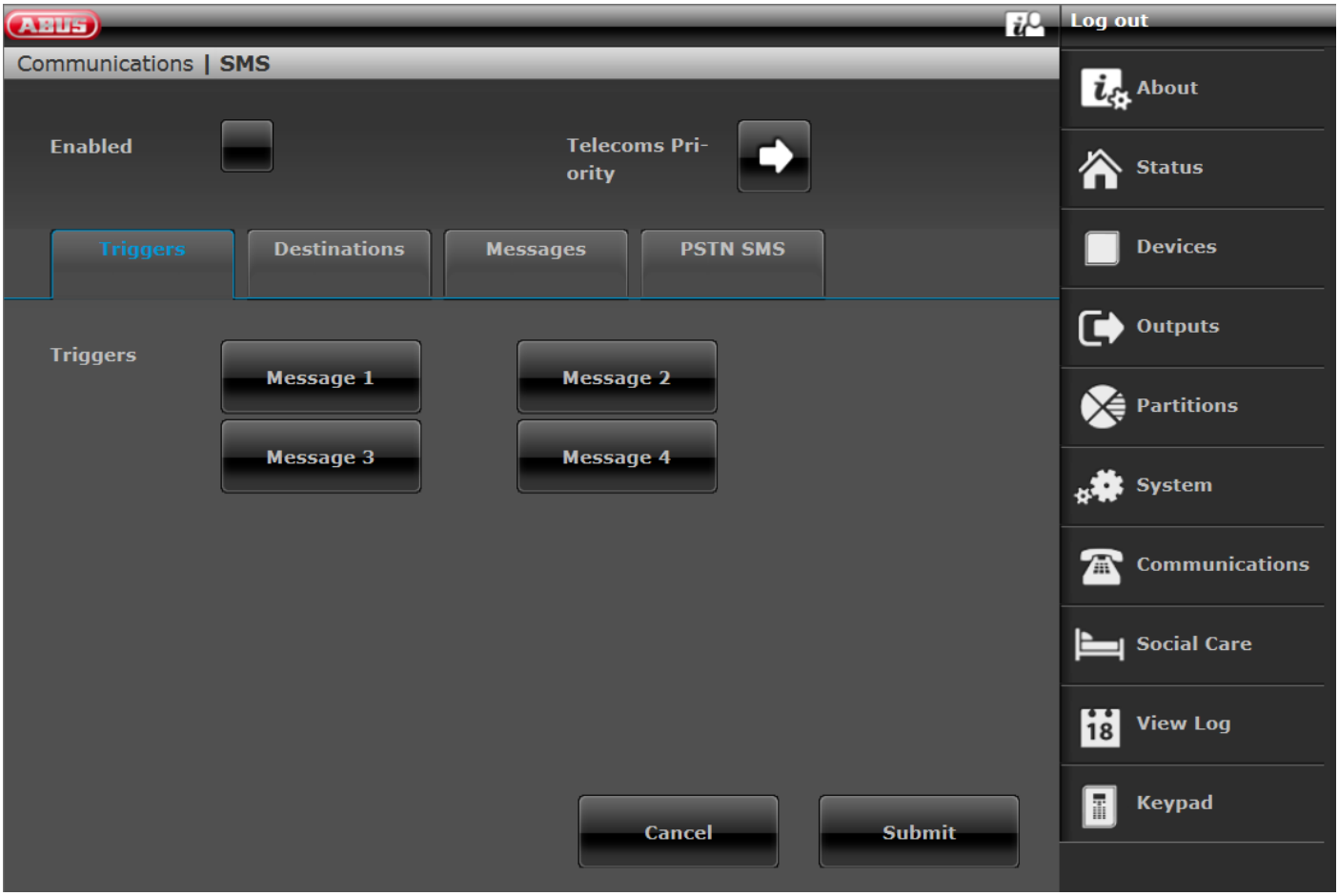
Note

means classic SMS transmission via a wireless mobile network.

Note

The display varies according to the setting via IP gateway the “IP Mobile Setup” menu.

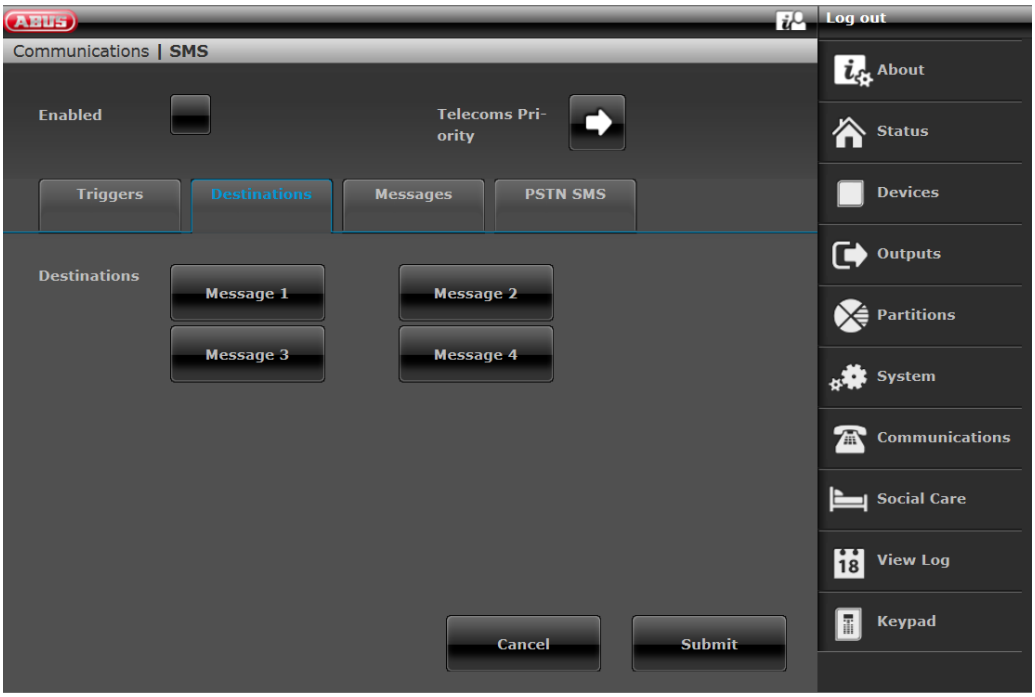
SMS, Triggers



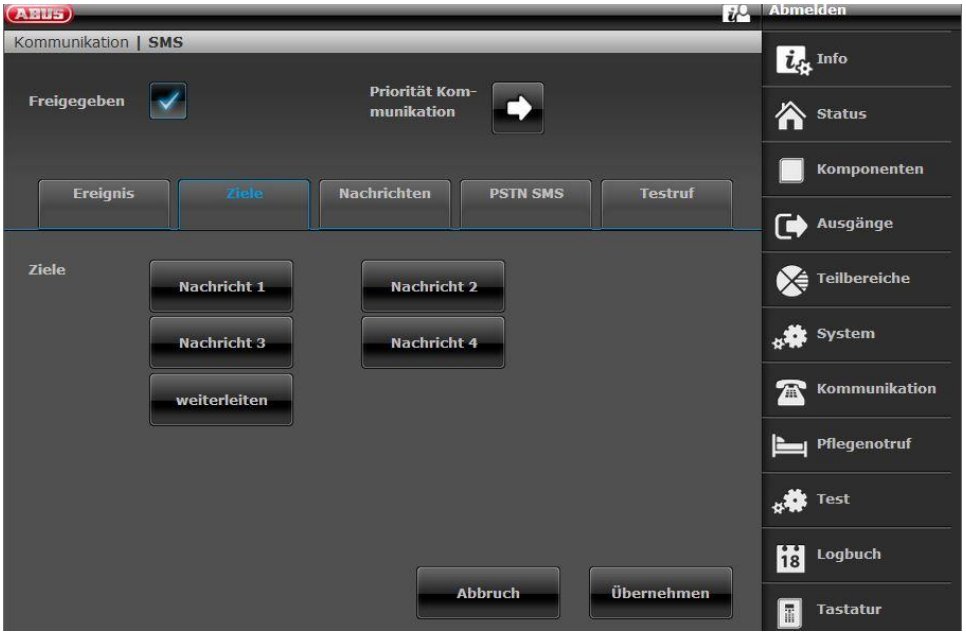
Name/function	Explanation (checkbox)
Message #	After clicking in a selection field, a pop-up window appears, where the desired trigger for message 1 to 4 can be selected: • Tampers • Alarms • Set/Unset • System • Test Call **Note** Note the settings during the test call: Tampers Comprises all types of tampering, including system, control panel, components, detectors, siren user code (code tampering) and other components. Examples: all tampering with the alarm panel, detectors, components, supervision (as tampering), jamming (as tampering) Alarms Comprises all types of alarms, including 24-hour, fire, intruder, medical, care, test zone fault, zone alarm and zone follow. This also includes the resetting of this alarm. See also details on the configuration of zone alarms and zone follow. Set/Unset

	Comprises all types of activations, internal activations and deactivations of partitions via the alarm panel, the control panel, the additional door lock, the remote control, the app or via the other activation and deactivation components. Examples: Partition x activated/deactivated
System	Comprises all types of system events not related to alarms, tampering or activation/deactivation. This includes missing components, supervision (as a fault), jamming (as a fault), communication errors or faults, AC/DC PSU faults, a weak or missing system battery, a weak component battery and an Aux 12 V failure.

SMS, Destinations

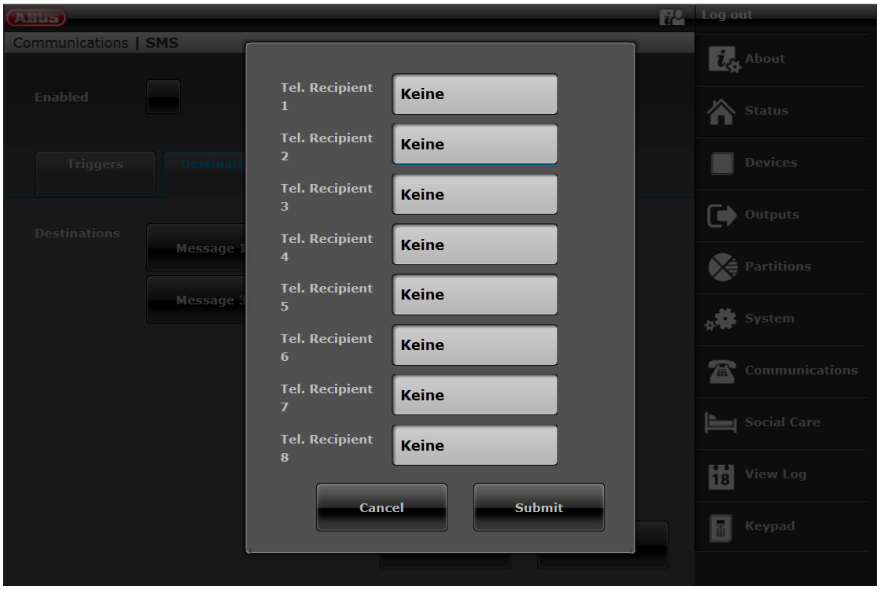


SW >= 3.01.01



Name/function	Explanation (checkbox)
Message #	After clicking in the selection field, a pop-up window appears, where the desired telephone number of a recipient can be selected from the contacts in the phone book.
Forwarding	**SW >= 3.01.01** Allows configuration of the alarm panel so that the SMS messages received by the network operator (e.g. warning messages of low credit) are forwarded to **one** specific telephone number. If you select Forwarding, the contact list appears. Select a contact from the contact list and then one of the two telephone numbers specified for this contact.

SMS, Destinations, Message X



Name/function	Explanation (checkbox)
Tel Recipient #	Selection of recipient 1 to 8 for message 1 to 4.

Note

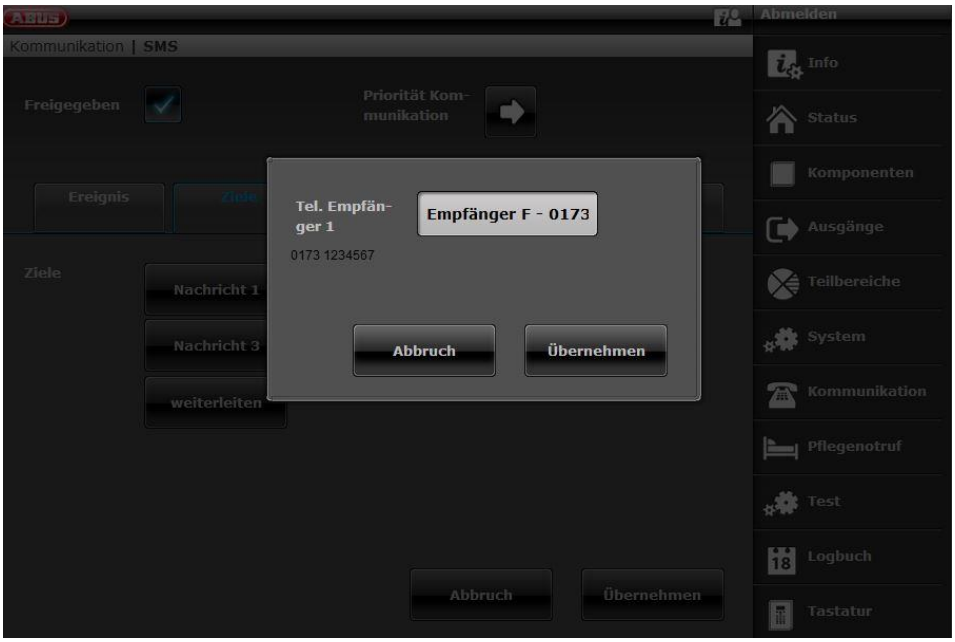
S/W >= 3.01.11

If the alarm panel was unable to leave an SMS at the service centre for the respective recipient during the first dialling attempt, the alarm panel will attempt to reach the service centre for the respective recipient and leave an SMS a maximum of three times.

For every unsuccessful attempt via the first path, the alarm panel will attempt to reach the service centre for the respective recipient via the second path a maximum of three times.

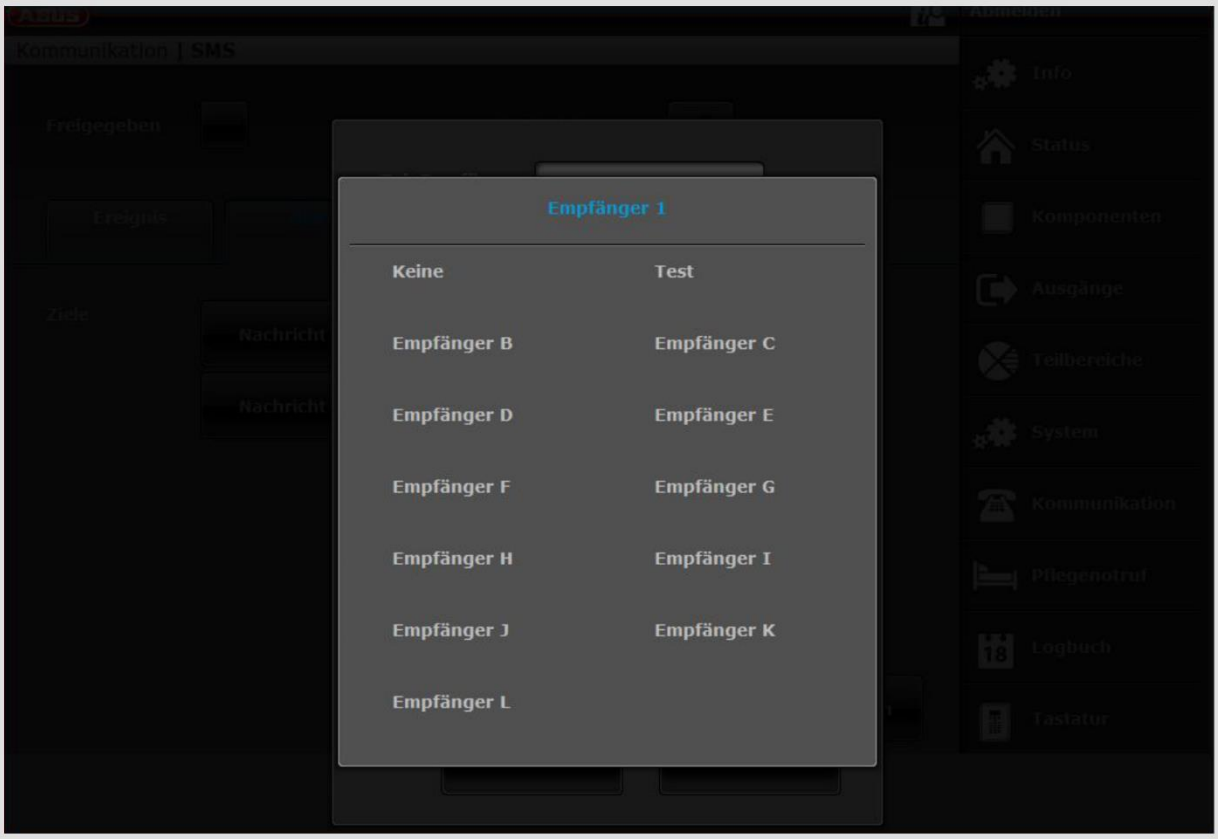
SMS, Destinations, Forward

SW >= 3.01.01



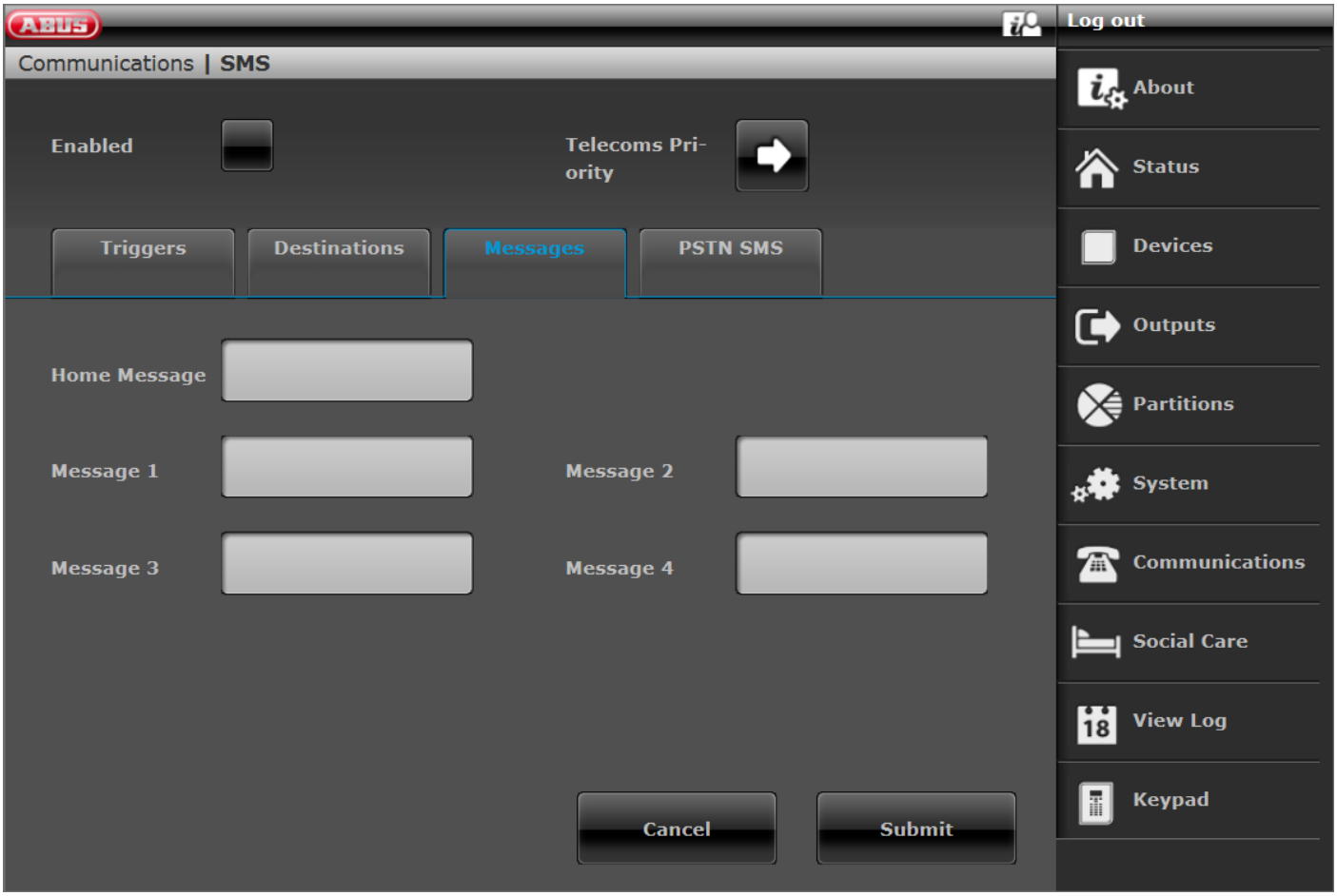
Name/function	Explanation (checkbox)
Tel Recipient 1	Selection of a recipient for forwarding received SMS messages.

SMS, Destinations, Message, Telephone Recipients



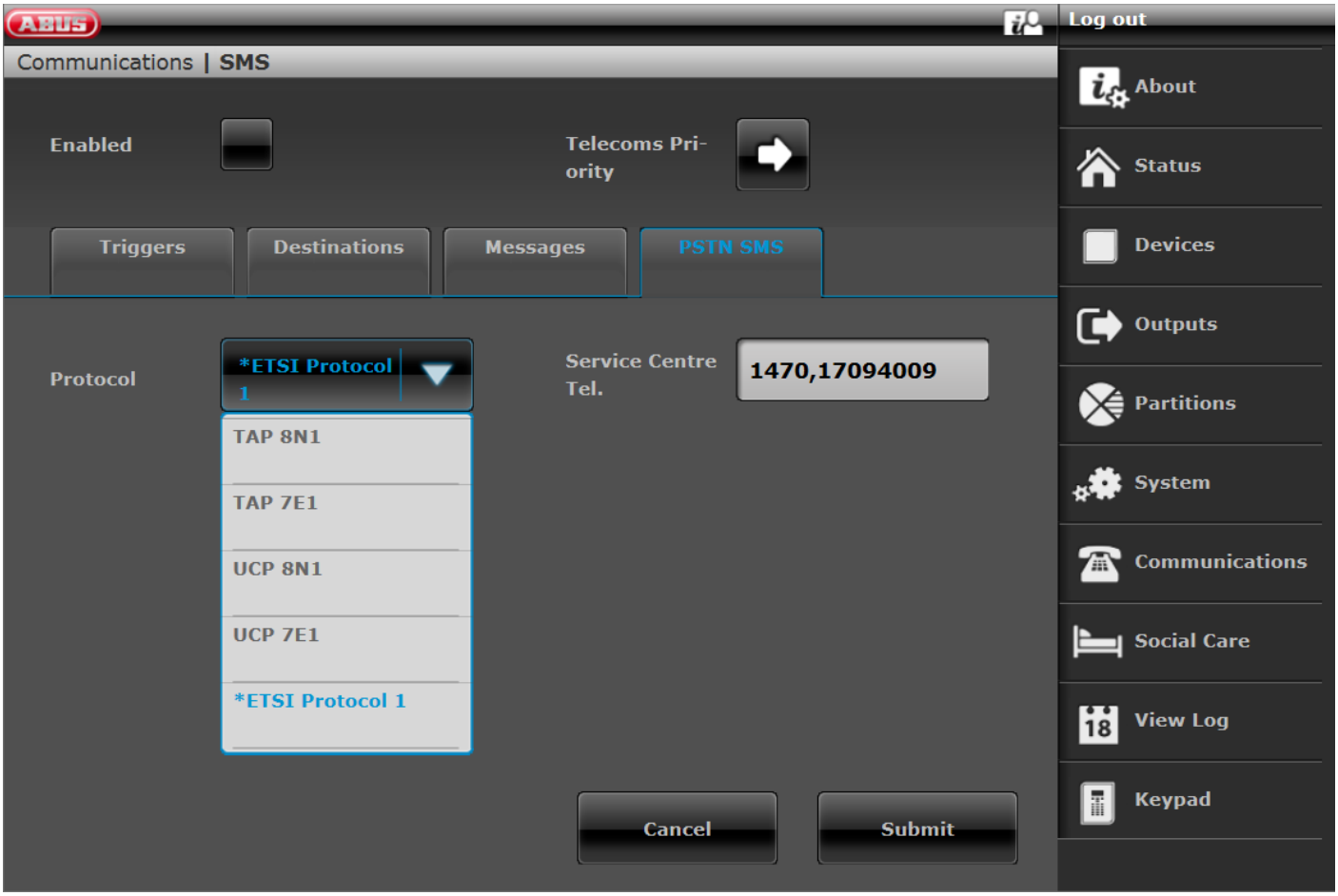
Name/function	Explanation (checkbox)
None	Do not select any recipients
Receiver	Select contact data for recipient A to L

SMS, Messages



Name/function	Explanation (checkbox)
Home Message	Store a home message (max. 30 characters)
Message #	Store message 1 to 4 (max. 30 characters)

SMS, PSTN SMS



Note
If you do not have an integrated wireless mobile module but want to send SMS messages over the PSTN line, you need to configure some additional data under this menu.

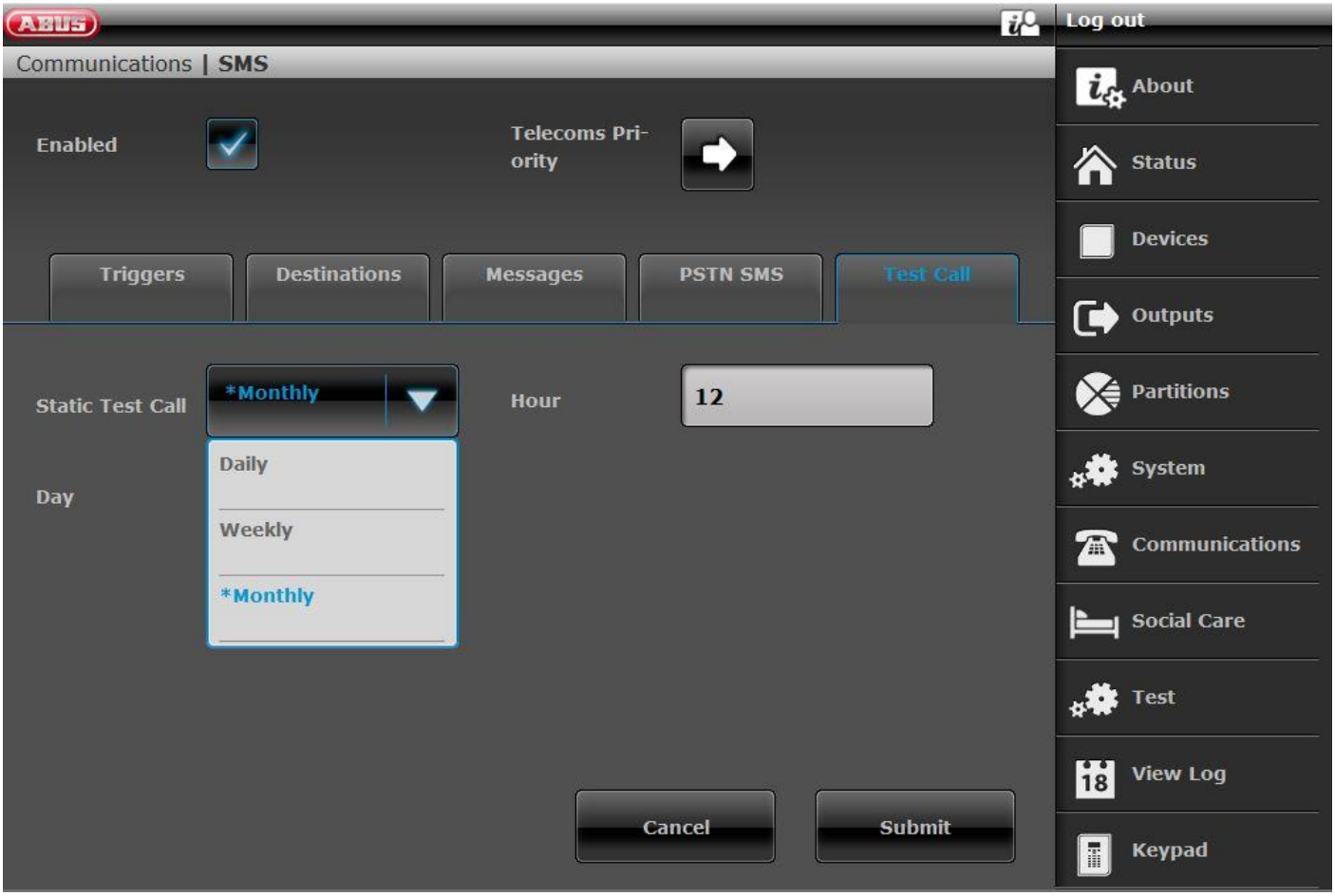
It is possible to send SMS messages with many landline telephone connections.

The connection must be enabled for this, however, and all telecommunications equipment connected between the end of line or first TAE socket and the wireless alarm panel must support the CLIP function.

Name/function	Explanation (checkbox)
Protocol	Select the protocol specified to you by the SMS service centre. Dropdown menu with the following options: • TAP 8N1 • TAP 7E1 • UCP 8N1 • UCP 7E1 • ETSI Protocol 1

Name/function	Explanation (checkbox)
Service Centre Tel.	Enter the number to dial for the service centre (F-SMSC) given to you. The service centre number and protocol must correspond. Contact your service provider’s technical support. When enquiring after the number of the service centre, ask which protocol it supports. Store the service centre number (number of the SMS service centre for SMS messages from the landline). The country-specific numbers can be found in the appendix "SMS notifications". **Note** See also private branch exchange with outside line dialling in the chapter: Communication options – **mobile without outside line dialling** **Note** To send SMS messages from the GSM/wireless mobile network (starting from the wireless mobile module) the number of the SMS service centre for the network operator in question is already stored on the SIM card. You can check the number stored there using a mobile phone if necessary. A selection can be found in the appendix "SMS notifications", second part.
Own Telephone No	Some SMS service centres or protocols require the calling number before they accept a processing request for an SMS message. (This is also used for clear invoicing of SMS messages.) Enter the Secvest landline number here. Only available when one of the following UCP protocols has been selected in the dropdown menu: • UCP 8N1 • UCP 7E1

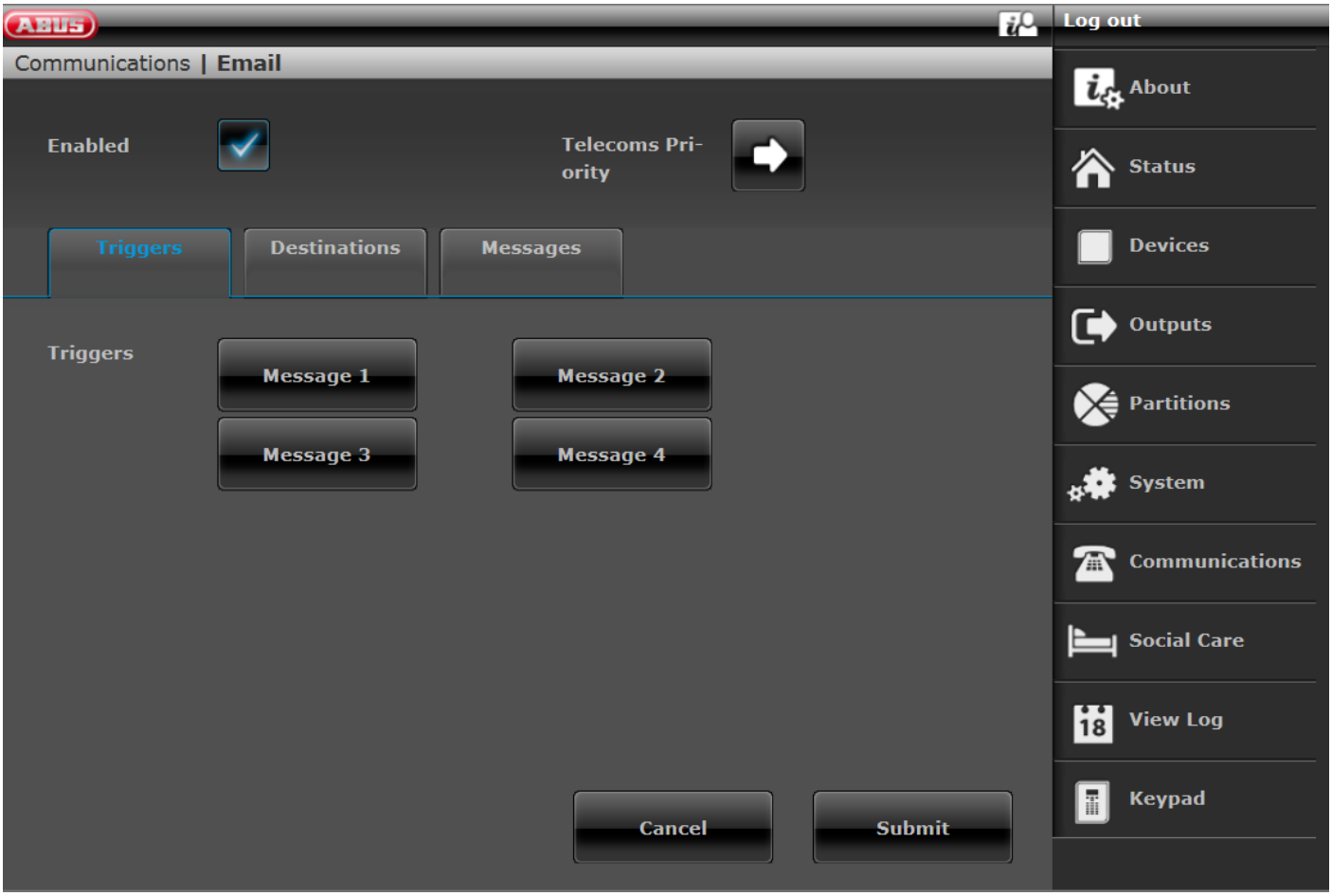
SMS, test call



Name/function	Explanation (checkbox)
Stat. Test Call	Static test call After clicking in a selection field, a pop-up window appears, where the desired rhythm can be selected. • Daily • Weekly • Monthly **Note** For each of the three types of call - daily, weekly and monthly - the alarm panel adds a random minute value. This minute value lies between 0 and 16. The call can, therefore, occur up to 16 minutes after the hour you have entered. This should ensure that the recipient is not flooded with test calls from systems, which all contain the same time. **Note** Note the settings during the event.

Hour	Input field for the time of the daily test call (format: h or hh) (0 – 23) **Note** Only full hours are possible.
Days If “Stat. Test Call" • Weekly	**Dropdown selection field for:** • Sunday • Monday • Tuesday • Wednesday • Thursday • Friday • Saturday
Days If “Stat. Test Call" • Monthly	Input field for the day of the month on which the test call should be carried out. (1 - 31)

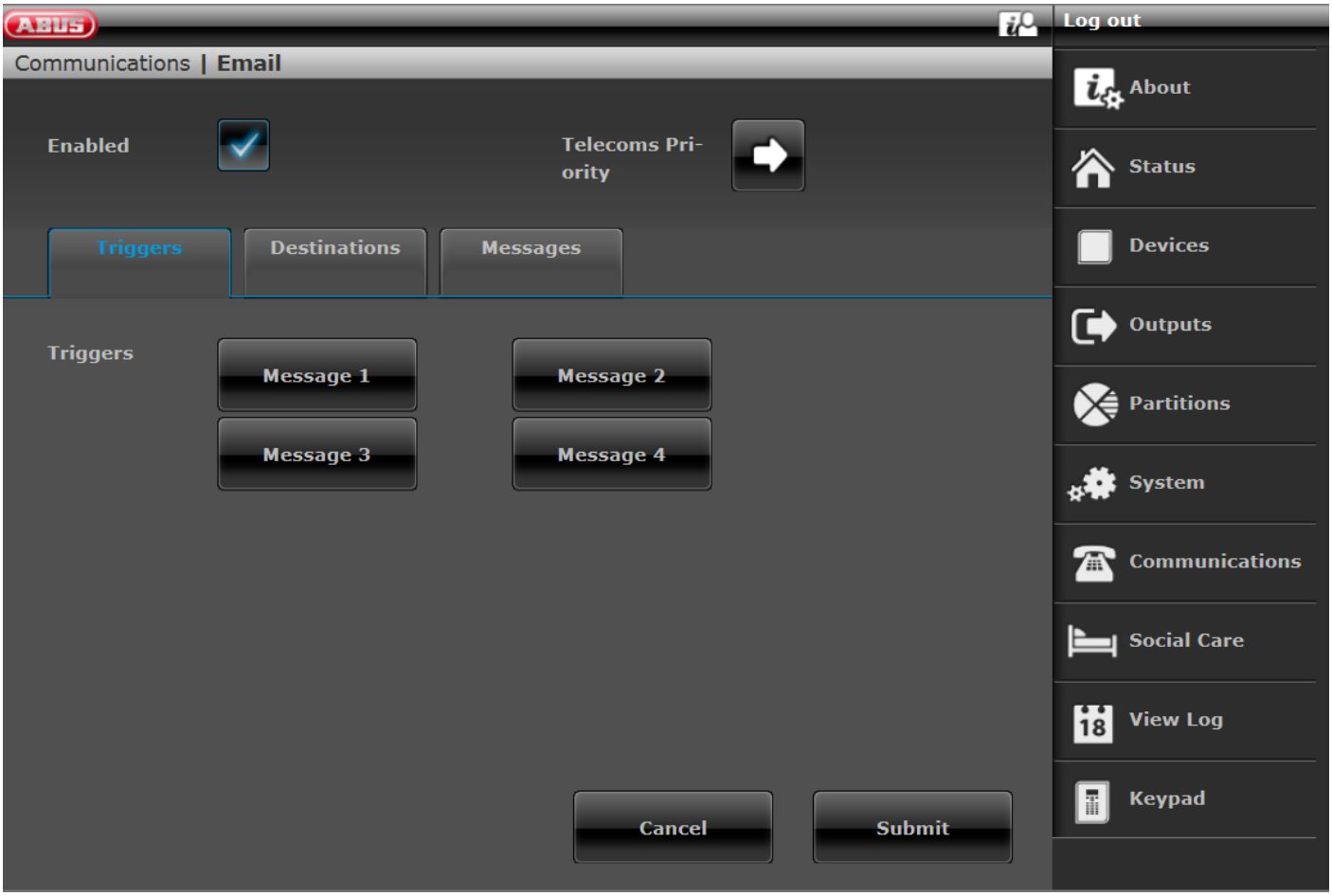
Email



Name/function	Explanation (checkbox)
Enabled	**Enabled** The email function is available. **Deactivated** The email function is not available. **Note** The alarm panel does not send information. A connection is only established when an e-mail is definitely sent, starting with a handshake. The information is then sent in accordance with the settings (e.g. encrypted or unencrypted) as well as the programmed texts and events.
	Note The alarm panel can send photos from the TVIP41550 camera as an email attachment. If a wireless mobile module is in use, please note the following. **Data connection** — **Sending images** **2G (GPRS)** — E-mail **without** photos in attachment **4G (LTE)** — E-mail **with** photos in attachment

	In the GPRS network, the data rate is too low to transmit large volumes of data.
Telecoms Priority	Set the order in which the communication methods should be used here. • Ethernet 1, 2, 3 or No **S/W >=3.00.05** Set the order in which the communication methods should be used here. • Ethernet / IP Mobile 1, 2, 3 or No **Note** means data transfer according to the setting via IP gateway the "I Mobile Setup" menu **Note** SW >= 3.01.16 See also the information on ICMP Ping at "ABUS server" (Commu nication -> Network -> Network Setup) **Note** The display varies according to the setting via IP gateway the “IP Mobile Setup” menu.

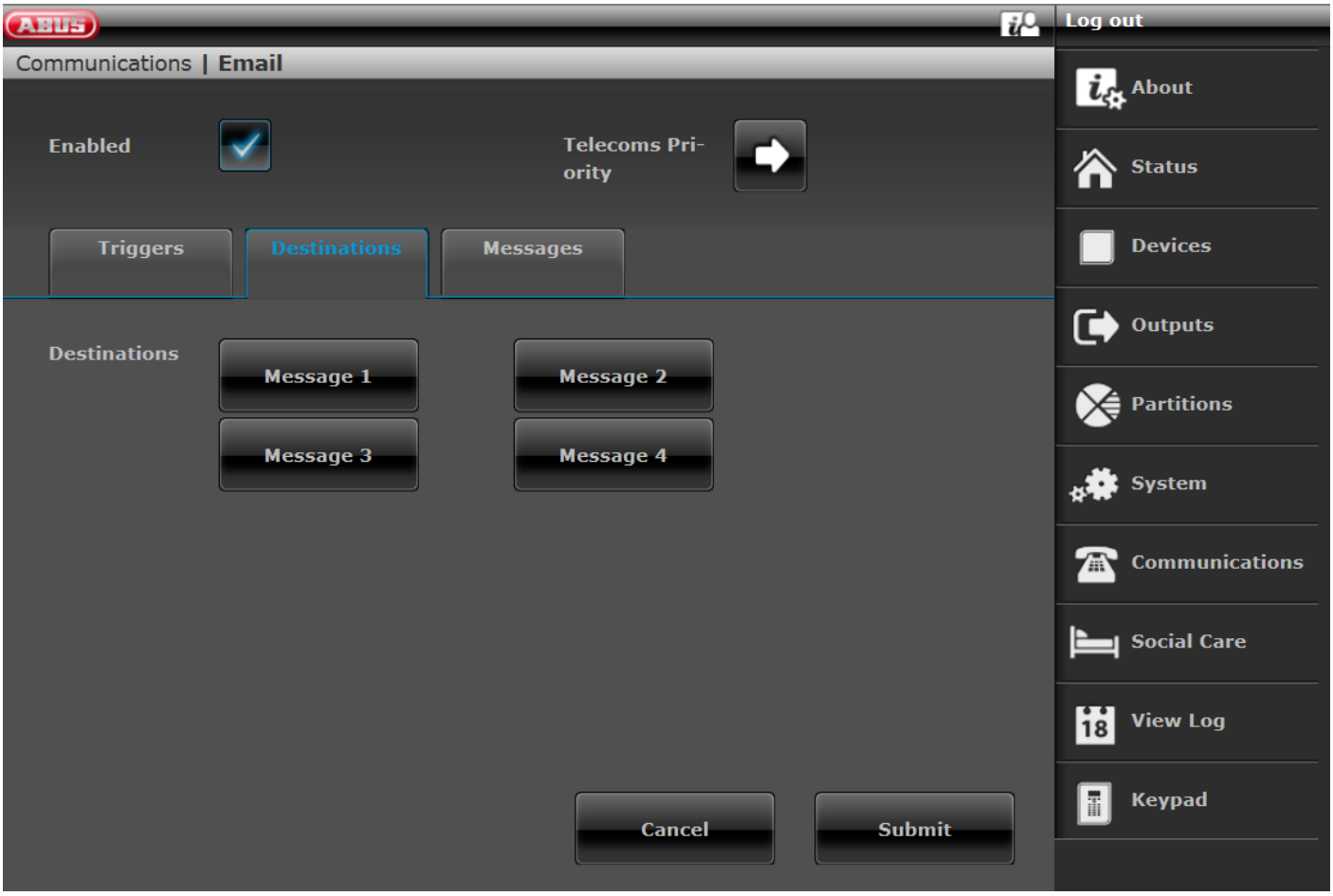
Email, Triggers



Name/function	Explanation (checkbox)
Message #	After clicking in a selection field, a pop-up window appears, where the desired trigger for message 1 to 4 can be selected: • Tampers • Alarms • Set/Unset • System • Test Call **Note** Note the settings during the test call: Tampers Comprises all types of tampering, including system, control panel, components, detectors, siren user code (code tampering) and other components. Examples: all tampering with the alarm panel, detectors, components, supervision (as tampering), jamming (as tampering) Alarms Comprises all types of alarms, including 24-hour, fire, intruder, medical, care, test zone fault, zone alarm and zone follow. This also includes the resetting of this alarm. See also details on the configuration of zone alarms and zone follow.

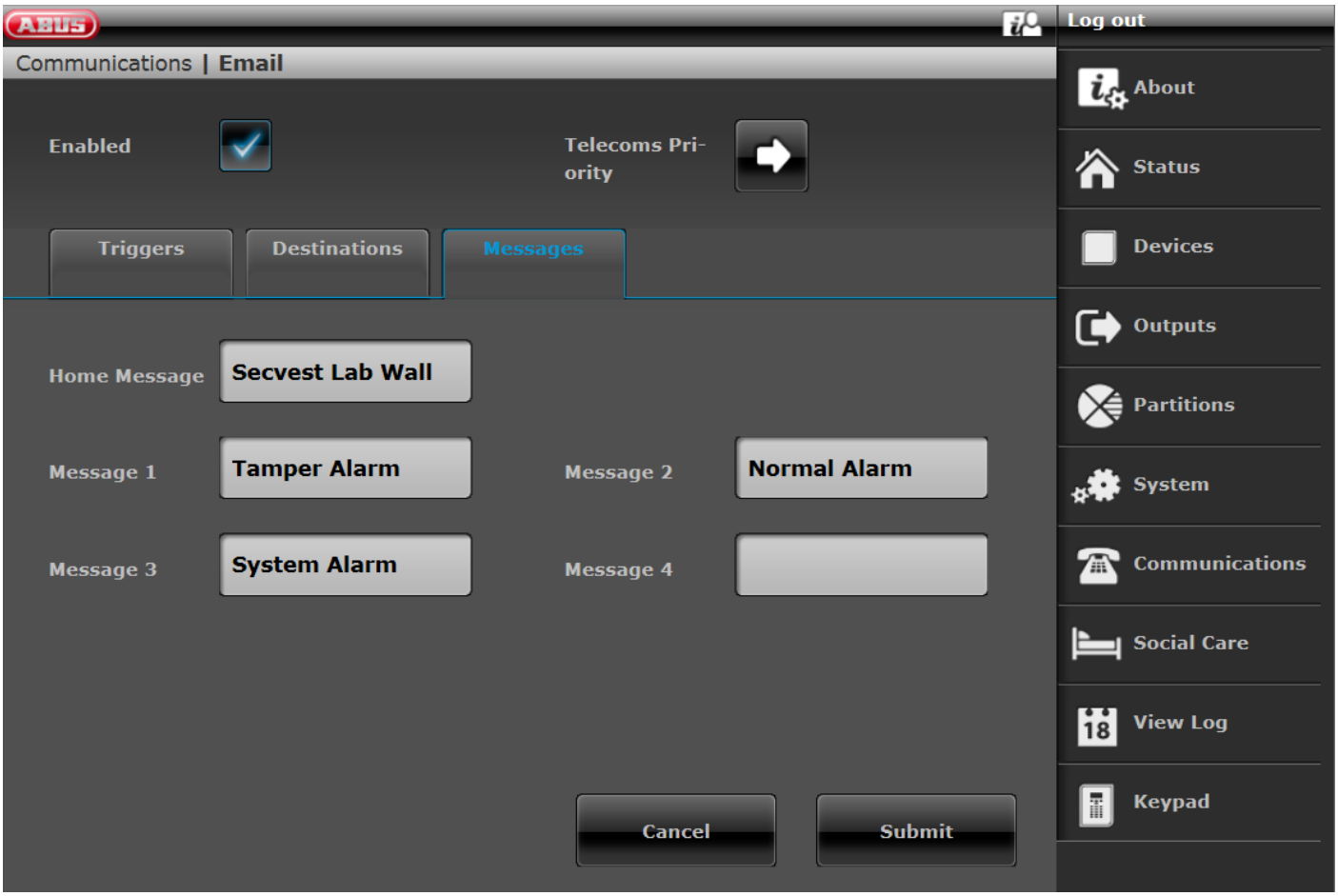
	Set/Unset Comprises all types of activations, internal activations and deactivations of partitions via the alarm panel, the control panel, the additional door lock, the remote control, the app or via the other activation and deactivation components. Examples: Partition x activated/deactivated System Comprises all types of system events not related to alarms, tampering or activation/deactivation. This includes missing components, supervision (as a fault), jamming (as a fault), communication errors or faults, AC/DC PSU faults, a weak or missing system battery, a weak component battery and an Aux 12 V failure.

Email, Destinations



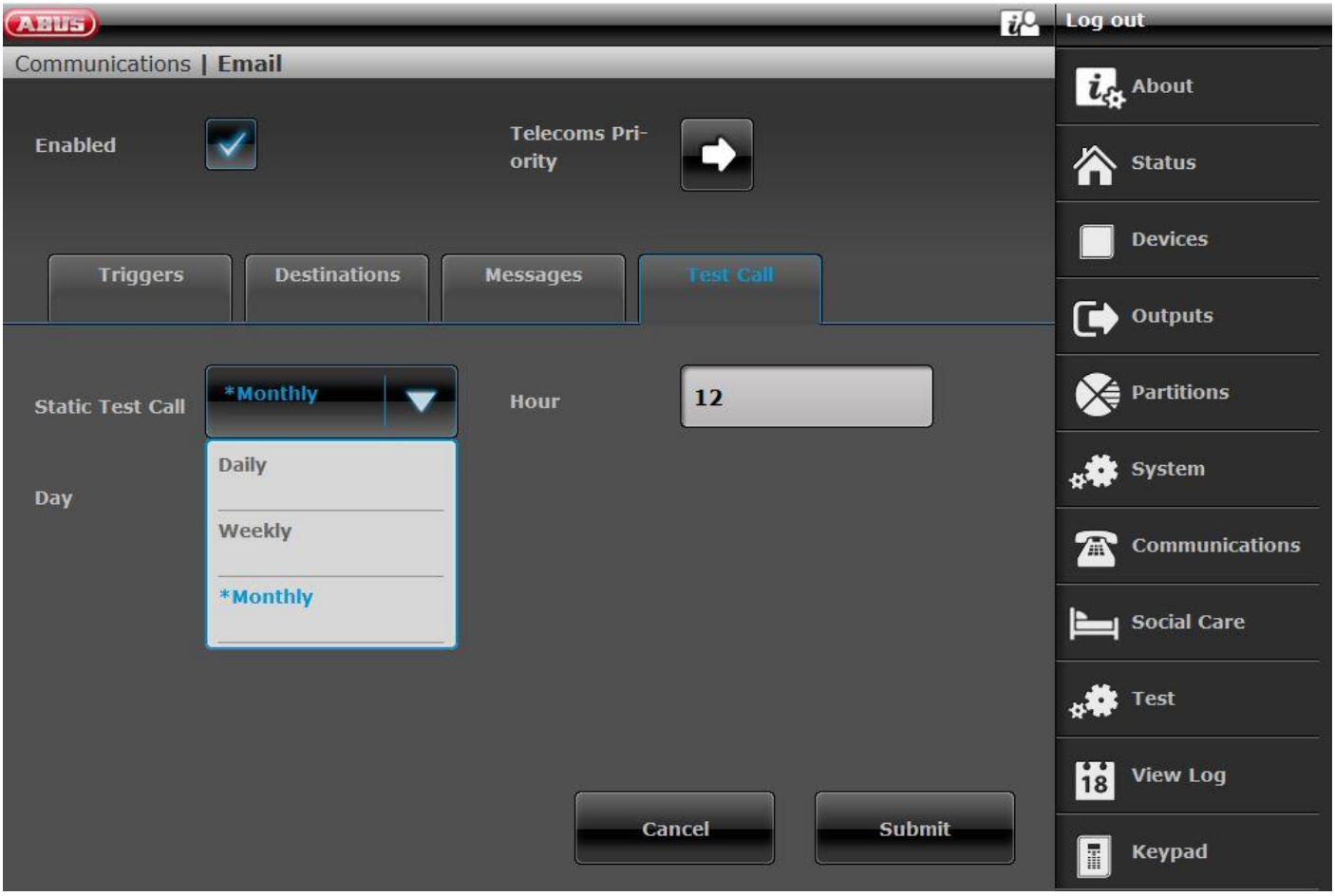
Name/function	Explanation (checkbox)
Message #	After clicking in the selection field, a pop-up window appears, where the desired email address of a recipient can be selected from the contacts in the phone book.

Email, Messages



Name/function	Explanation (checkbox)
Home Message	Store a home message (max. 30 characters)
Message #	Store message 1 to 4 (max. 30 characters)

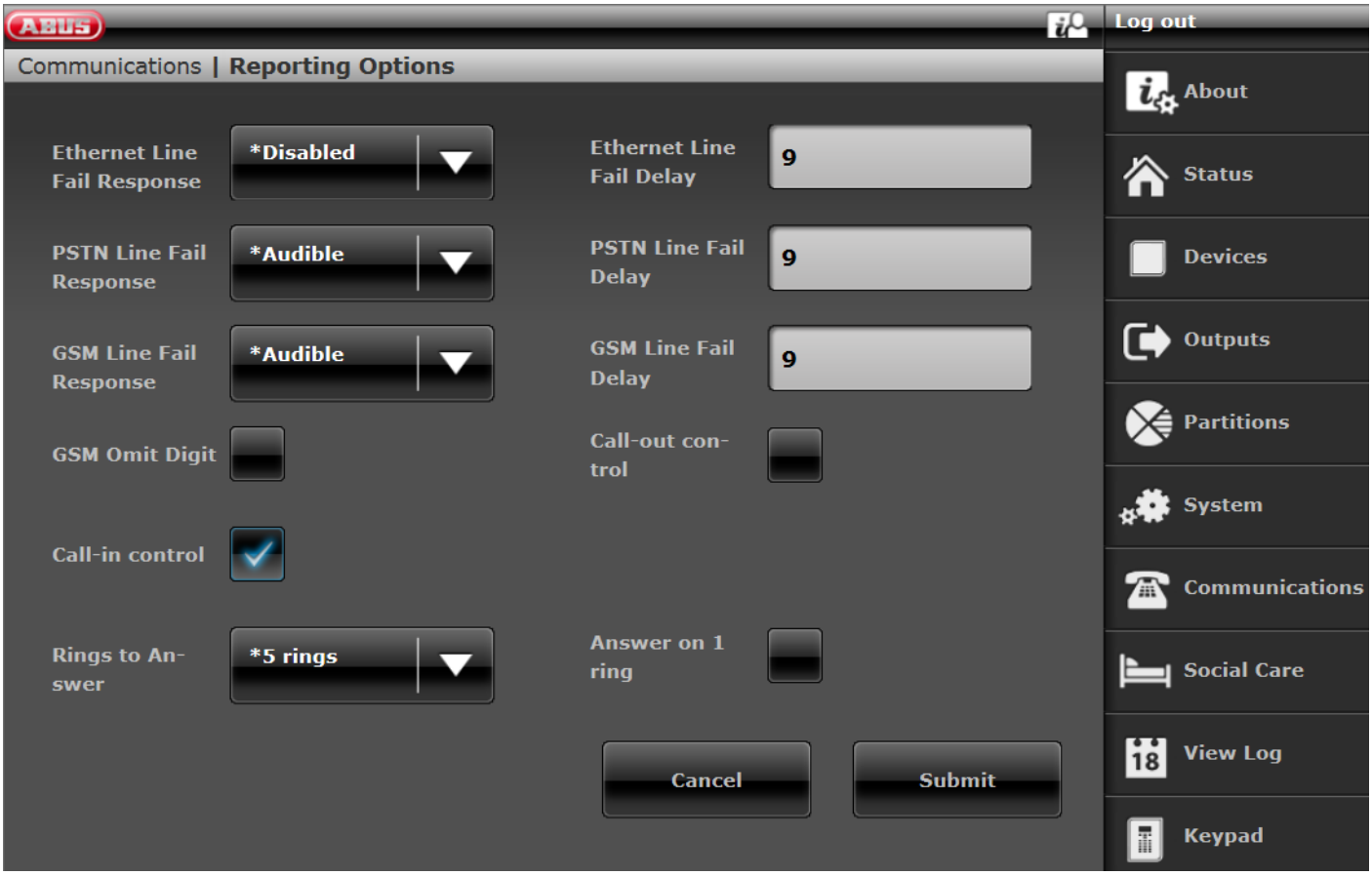
Email, test call



Name/function	Explanation (checkbox)
Stat. Test Call	Static test call After clicking in a selection field, a pop-up window appears, where the desired rhythm can be selected. • Daily • Weekly • Monthly **Note** For each of the three types of call - daily, weekly and monthly - the alarm panel adds a random minute value. This minute value lies between 0 and 16. The call can, therefore, occur up to 16 minutes after the hour you have entered. This should ensure that the recipient is not flooded with test calls from systems, which all contain the same time. **Note** Note the settings during the event.

Hour	Input field for the time of the daily test call (format: h or hh) (0 – 23) **Note** Only full hours are possible.
Days If “Stat. Test Call" • Weekly	**Dropdown selection field for:** • Sunday • Monday • Tuesday • Wednesday • Thursday • Friday • Saturday
Days If “Stat. Test Call" • Monthly	Input field for the day of the month on which the test call should be carried out. (1 - 31)

Communication options



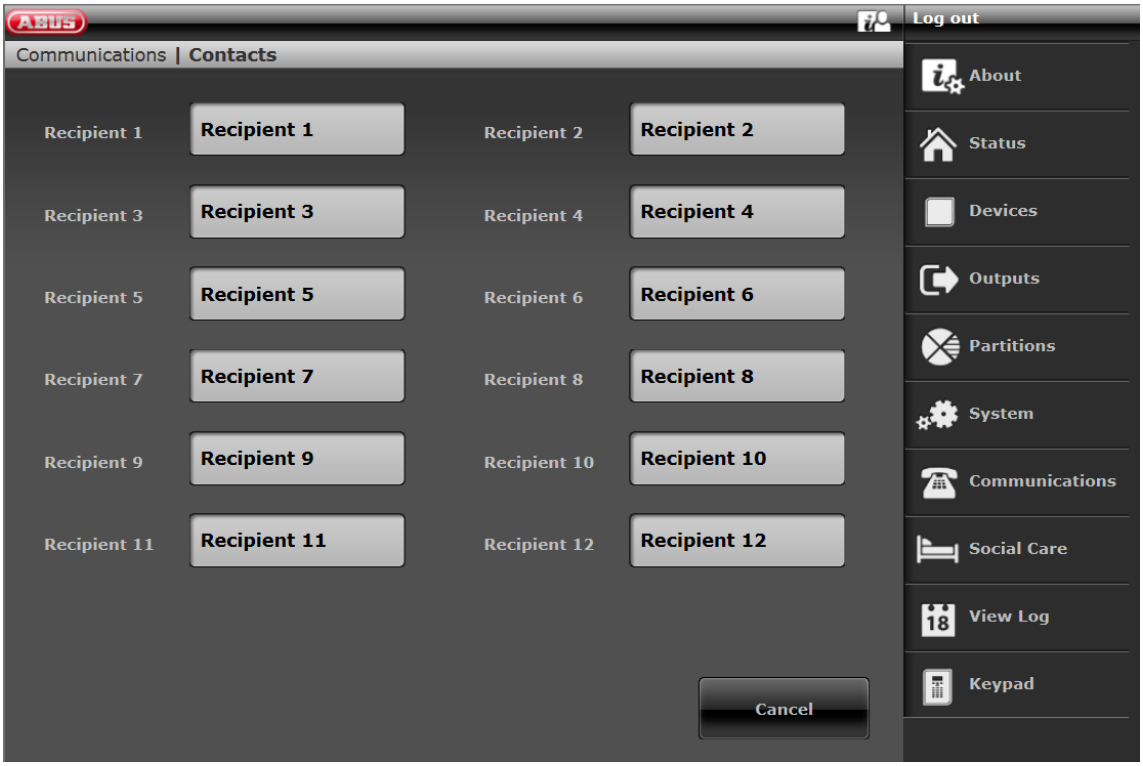
Name/function	Explanation (checkbox)
	Note regarding line fail response Use this option to determine how the system should respond if the alarm panel registers a fault at a communication channel. You can configure various settings for Ethernet, PSTN and IP mobile / mobile. **Audible** If the system is deactivated, the event is logged. Capable components will emit a brief audible sound every minute. Inputting a valid access code will silence the acoustic sounders and the display shows a communication channel fault. Despite the displayed communication channel fault, the system can still be activated again. If the system is then activated, the alarm panel logs the event but does not display a notification and does not emit an acoustic signal. The alarm panel cancels all siren delays (ARC/ESCC) programmed in the partition if the communication channel has a fault when the alarm is triggered. **Note:** ABUS recommends "Acoustic" for the communication channel fault. **Silent** If the system is deactivated, the display shows a communication channel fault. The triangle appears on the bottom right of the display and the alarm panel logs the event. Despite the displayed communication channel fault, the system can still be activated again. If the system is then activated, the alarm panel does not display a notification and does not emit an acoustic signal, but it does log the event. The alarm panel cancels

	all siren delays (ARC/ESCC) programmed in the partition menu if the communication channel has a fault when the alarm is triggered. **Disabled** The alarm panel does not monitor the communication channel.
	 Note regarding line fault delay Use these options to determine how long the alarm panel should wait on one of its communication channels after finding a line fault before generating a warning, initiating communication and activating the line fault outputs. You can configure various settings for Ethernet, PSTN and IP mobile / mobile. **Note:** It may take a few seconds for the alarm panel to detect a line fault. The actual delay between the occurrence of the line fault and the resulting warning is therefore a little longer than the value you have entered.
Ethernet **Line Fail Response**	Select how Secvest responds if a fault occurs at the Ethernet connection: • Disabled • Audible • Silent **Note** SW >= 3.01.16 A WAN error is enforced if a line fault (Ethernet) occurs. This results in an immediate switch to the redundant IP transmission path (when using a wireless mobile module). A WAN test (Ping) is enforced as soon as a line fault (Ethernet) is rectified. This means the WAN test is carried out every 30 minutes or during the transition from line fault to OK. See also the information on ICMP Ping at "ABUS server" (Communication -> Network -> Network Setup)
Ethernet **Line Fail Delay**	Time in seconds until the alarm system responds to a fault at the Ethernet connection. Value range: 0 to 60 seconds
PSTN **Line Fail Response**	Select how Secvest responds if a fault occurs with the telephone connection: • Disabled • Audible • Silent
PSTN **Line Fail Delay**	Time in seconds until the alarm system responds to a fault in the telephone connection. Value range: 0 to 60 seconds

IP mobile / mobile Line Fail Response (only when wireless mobile module is used)	Select how Secvest responds if a fault occurs with the wireless mobile connection: • Disabled • Audible • Silent
IP mobile / mobile Line Fail Delay (only when wireless mobile module is used)	Time in seconds until the alarm system responds to a fault in the wireless mobile connection. Value range: 0 to 60 seconds
Mobile without outside dialling (only when wireless mobile module is used)	**Enabled** If activated, the first digit of the saved telephone number in the phone book is not selected with the rest of the number for a GSM / wireless mobile connection. If you want to make calls from a telephone of a private branch exchange into the public telephone network, you must first dial what is known as the exchange access code (code for an outside line) before you dial the telephone number. In this case, the exchange access code must be entered as the first digit in the phone book on the alarm panel. This is followed by the actual destination telephone number. The exchange access code is available from the administrator of the private branch exchange or in the instructions of the private branch exchange. It is usually the number "0"; in the UK it is usually the number "9". Format of the telephone number: "0 0123 4567890". The alarm panel can therefore also be connected to an analogue extension of a private branch exchange. This extension does not necessarily have to be set up for automatic outside line dialling. **Deactivated** On a private branch exchange, if you are using an extension that is programmed for automatic outside dialling, or if you are using a regular analogue telephone connection, select "Deactivated". The setting "GSM Omit Digit=Activated" and “Mobile Omit Digit=Activated” affects numbers to dial for: • ARC reporting • Emergency call • Voice dialler **Note** SMS messages are normally sent only via GSM/wireless mobile. The normal destination numbers are saved in the phone book: Format of the telephone number: "0123 4567890". With a private branch exchange, the alarm panel is connected to an analogue extension **without automatic outside line dialling**. If you want to implement SMS dispatch that starts on the analogue connection of the alarm system, then under Installer Mode → Communications → SMS → PSTN SMS → Service Centre Tel. configure the exchange access code before the actual service centre telephone number. Format of the telephone number: "0 0123 4567890".

	See also notes in the Contacts chapter. For this purpose, contacts must be saved with two telephone numbers.
Call-out Control	 **Note** For more information on the key combinations on the telephone and the corresponding functions, see Chapter 11.4 "Operation via telephone" in the user manual. **Enabled** When this option is activated, the user can control the system remotely while answering a call from the alarm system. **Deactivated** When this option is deactivated, the user can still always use the commands for the speech dialler but not for the remote control.
Call-in Control	 **Note** For more information on the key combinations on the telephone and the corresponding functions, see Chapter 11.4 "Operation via telephone" in the user manual. **Enabled** When this option is activated, the user can call the alarm system remotely. After the user has sent an access code to the wireless alarm panel in order to identify themselves, they can send commands using the telephone keypad. **Deactivated** When this option is deactivated, the user can no longer call the alarm system remotely.
Rings to Answer (only when "Call-in control" is activated)	Select when the wireless alarm panel answers a call. • 3 rings • 5 rings • 7 rings • 10 rings • 15 rings • 255 rings **Note** If the value is set to 255, the alarm panel never answers the call.
Answer after first ring (only when "Call-in control" is activated)	**Enabled** If the function is activated, the dial-in for remote configuration runs in stages. The telephone dials the alarm system, rings twice and establishes the connection. The alarm panel is activated by this call. The wireless alarm panel answers the next call immediately, provided this call occurs within 10 to 90 seconds. The "Rings to Answer" function is overridden in this case. **Deactivated** If this function is deactivated, the "Rings to Answer" function takes over from the first call.

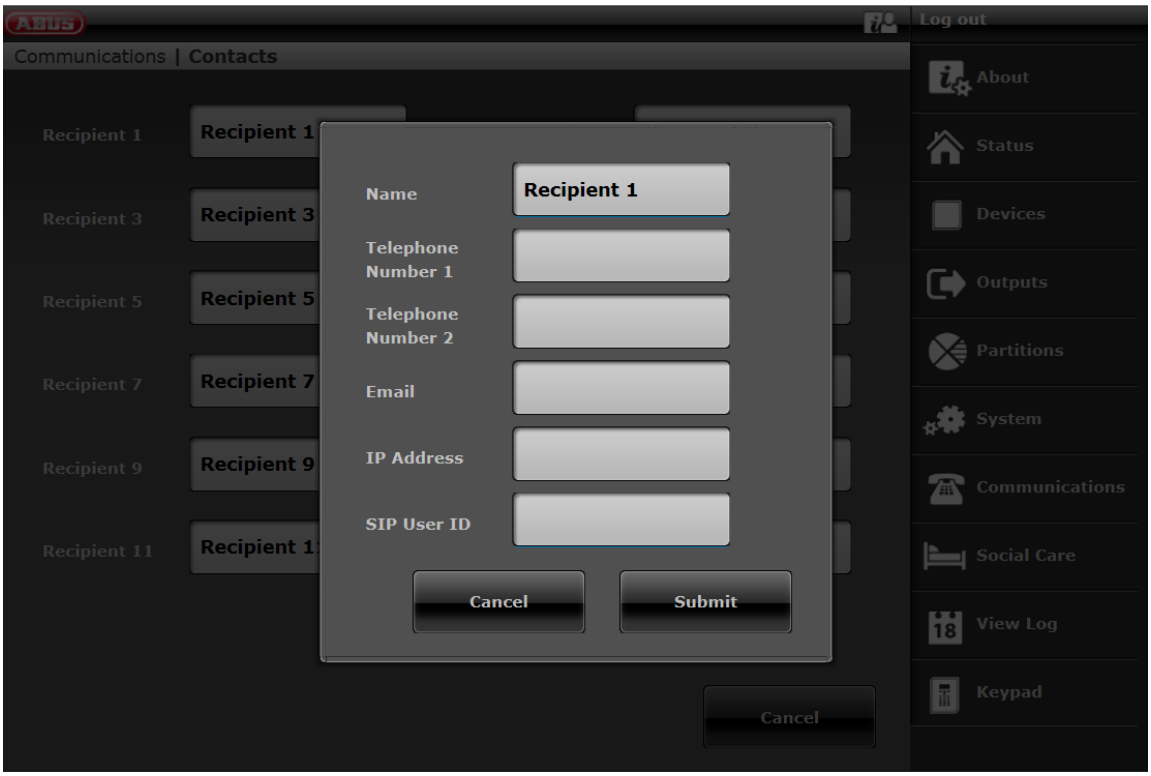
Contacts



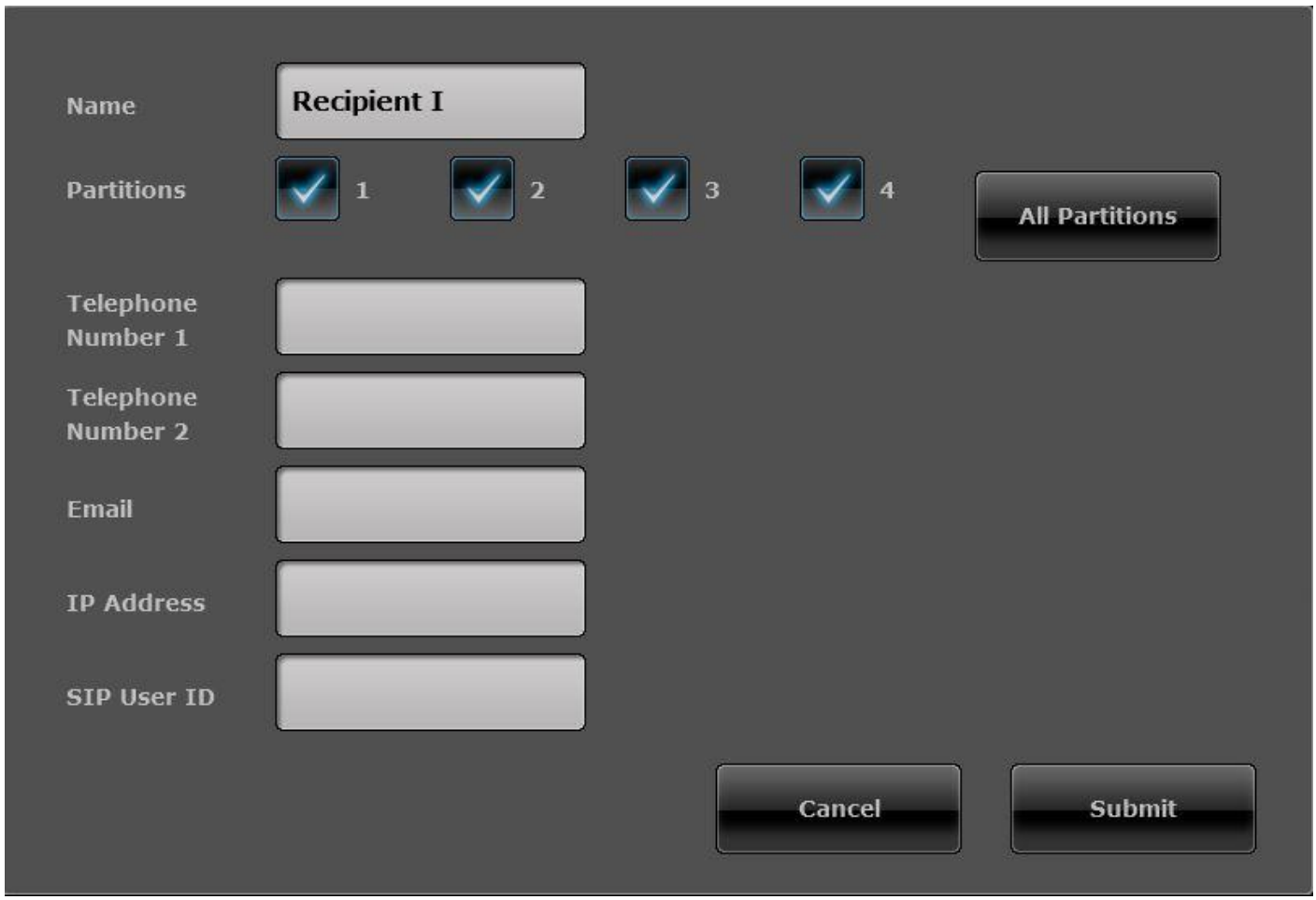
Up to 12 recipients can be defined here, to whom messages are sent.

Click on a user in the recipient list to open their contact profile. Enter the corresponding details here.

S/W <2.00.00



S/W >=2.00.00



The recipient can be assigned to partitions.

This stipulates that the recipient will only receive a message when an event occurs in the specified partition.

Note

This assignment of partitions is only applicable to voice diallers, text messages and email, and not for ARC/ESCC connection.

Note

Events not directly relating to a single partition (e.g. the double-key function on the alarm panel for fire, intrusion, medical emergency and care alarms) will be assigned to partition 1.

Note

Intrusion (remote control), intrusion (pendant), medical emergency (pendant) and care alarm (pendant).

Events triggered by these user-controlled components are transmitted to the recipient where the selected partition matches the partition authorisation for that user.

Note

Wireless control panel

Double-key function for fire, intrusion, medical emergency and care alarms

Events triggered by these components are transmitted to the recipient where the selected partition matches the assignment of partitions for that control device.

Note

SIP User (User) ID

Format

S/W >=2.00.00

Phone number

+49 (0)82071234567

ID, if the recipient has an account with the same SIP service provider

9876543

S/W <2.00.00

Phone number

+4982071234567@sipgate.de

sipgate.de is the individual SIP service provider, as SIP server name

ID, if the recipient has an account with the same SIP service provider

9876543@sipgate.de

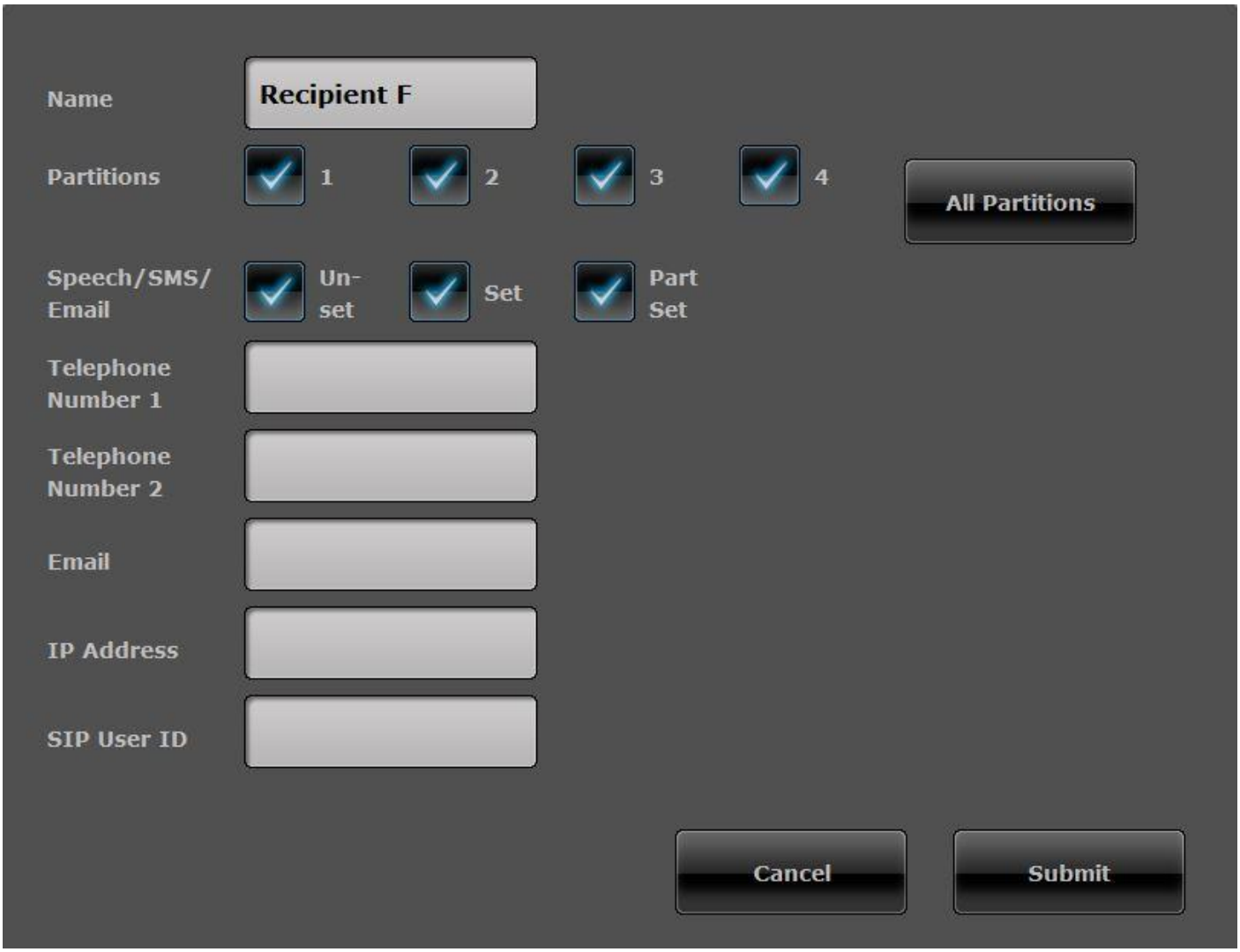
Note

When using mobile SMS and PSTN SMS as well as private branch exchange with outside line dialling, two call numbers must be saved for the respective recipient.

See also private branch exchange with outside line dialling in the chapter:

Communication options – **mobile without outside line dialling**

S/W >=3.00.05



Name/function	Explanation (checkbox)
Voice/SMS/Email	Events are selected for and assigned to the speech dialler, the sending of SMS and the sending of emails. Events may come from the following groups: • Tampers • Alarms • Set/Unset • System The selected events are only transmitted to this contact when: • The event originates from one of the selected partitions • The partition has a selected status such as Disarmed and/or Armed and/or Indoor armed • The contact for these events is assigned as recipient
Deactivated	**Yes** Events will be transmitted to this contact when the partition is disarmed **No** Events will **not** be transmitted to this contact when the partition is disarmed

Activated	**Yes** Events will be transmitted to this contact **No** Events will **not** be transmitted to this contact
Part set	**Yes** Events will be transmitted to this contact **No** Events will **not** be transmitted to this contact

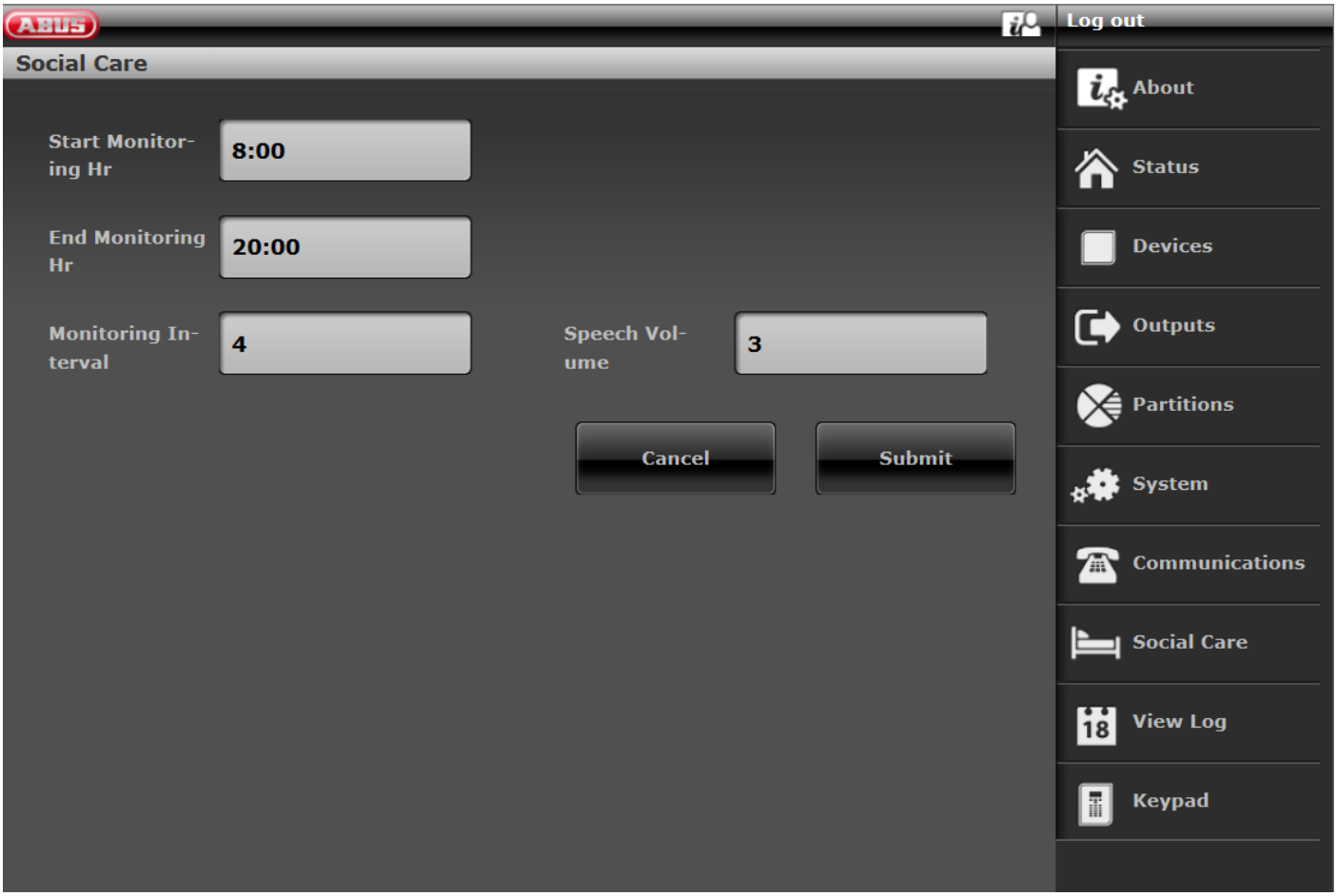
Example 1	
Partitions	1=Yes, 2=Yes, 3=Yes, 4=Yes
Voice/SMS/Email	Disarmed=Yes, Armed=No, Part Set=No
Event	Fire in Partition 1
Partition 1 is	
Deactivated	No voice call, no SMS, no email to this contact
Activated	Voice call, SMS and email to this contact
Part set	No voice call, no SMS, no email to this contact

Example 2	
Partitions	1=Yes, 2=Yes, 3=Yes, 4=Yes
Voice/SMS/Email	Deactivated=Yes, Activated=No, Part Set=No
Event	Alarm panel has been opened (sabotaged).
Partitions 1 and 2 are	Note: Partitions 3 and 4 are **not** in use.
Activated	**Voice call, SMS and email to this contact!**
	 Note Normally, there should be no communication sent to this contact, because Armed is set to No. However, housing sabotage has been reported for all four partitions. Partition 1: Housing open Partition 2: Housing open Partition 3: Housing open Partition 4: Housing open Partitions 3 and 4 are **Disarmed** in this case, because they are not in use. Because Disarmed=Yes is communicated. The correct setting for this case is illustrated in Example 3.

Example 3	

Partitions	1=Yes, 2=Yes, 3=**No**, 4=**No**
Voice/SMS/Email	Deactivated=Yes, Activated=No, Part Set=No
Event	Alarm panel has been opened (sabotaged).
Partitions 1 and 2 are	Note: Partitions 3 and 4 are **not** in use.
Activated	**No** voice call, **no** SMS, **no** email to this contact

Emergency call



Name/function	Explanation (checkbox)
Start Monitoring Hr	Start time of social care monitoring (hh:mm).
End Monitoring Hr	End time of social care monitoring (hh:mm).
Monitoring Interval	Interval in hours.
Language Volume	Volume of voice announcement.

Test

Select the corresponding function.

Via web interface with S/W >=2.00.00.

An overview of the different functions can be found in the table below.

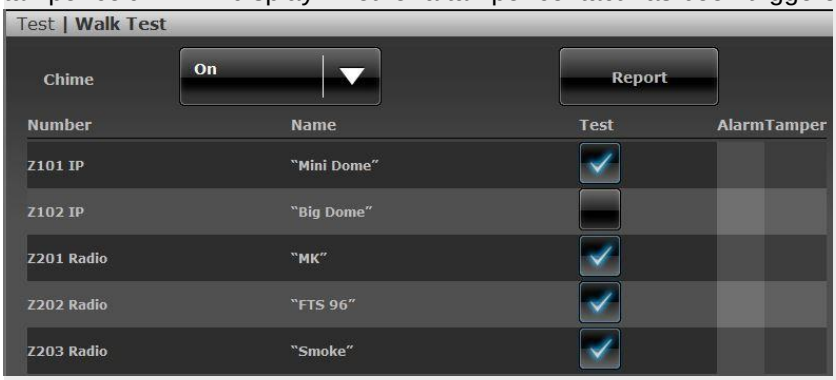
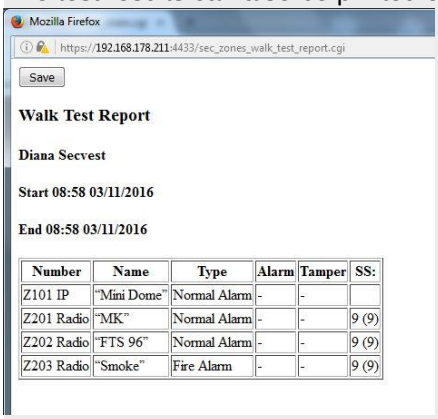
SW >= 3.01.01

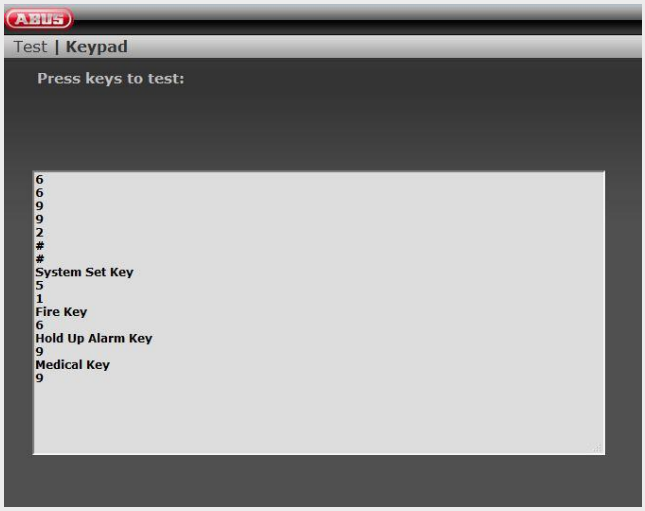
Test
Log out
About
Status
Devices
Outputs
Partitions
System
Communications
Social Care
Test
View Log
Keypad
Walk Test
Keypad
External Sirens
Int.Sirens
Sounder Module
Loudspeakers
Control Devices
Door Locks
Signal Strengths
Outputs
Prox Tags
Remotes
Pendants
ARC Reporting
Social Care
Speech Dialler
SMS
Email
Zone Resistances
Panel PSU
RF Repeaters

S/W >= 3.01.14

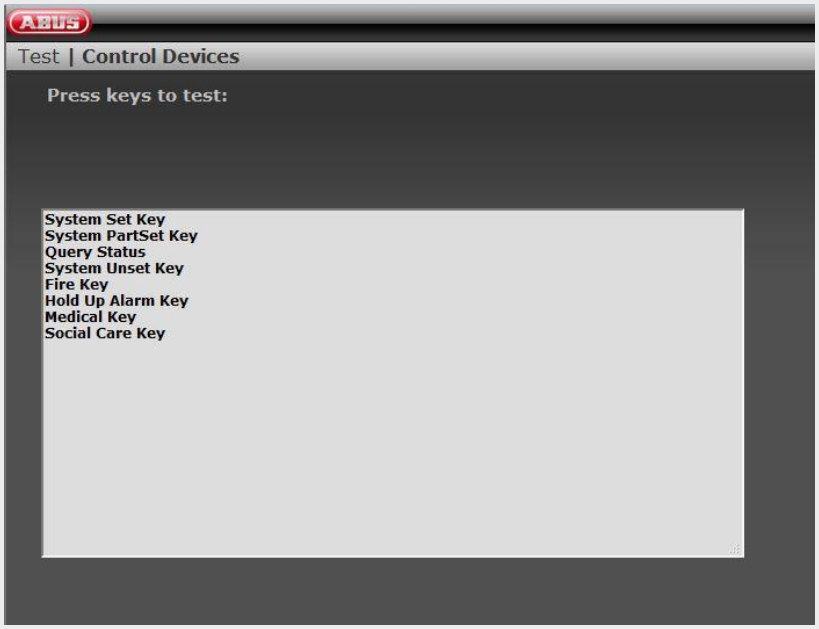
Note

Test call to external recipients. Please inform them in advance and let them know that it is just a test call. Test call e.g. receiving centre, language call, SMS, email.

Function	Meaning
Walk Test	**Bell** • On: An info tone sounds when a detector is operated. • Off: No info tone sounds. All detectors belonging to the system can be tested here. The zones can be individually selected during test. Activate all detectors in the building one after the other. If a detector is triggered the alarm panel emits two signal tones The Alarm column will display whether a detector has detected an alarm. The tamper column will display whether a tamper contact has been triggered. 
Walk test (cont.)	**Report** The test results can also be printed out and saved via the web interface.  **Alarm panel** **System** All detectors belonging to the system can be tested here. Activate all detectors in the building one after the other. If a detector is triggered the alarm panel emits two signal tones It also indicates on the display whether a tamper contact (S) and/or alarm (A) was triggered. The top of the display shows the number of zones still to be tested (alarm and tamper). When all detectors have been tested the system writes "All Zones tested". **Partitions** • Detectors from a specific partition can be tested here. • Once the partitions are selected only the detectors in the selected partitions are displayed. **Zones** • Selected detectors can be tested here. A list of all detectors appears. Select the detectors to be tested with **Yes**.

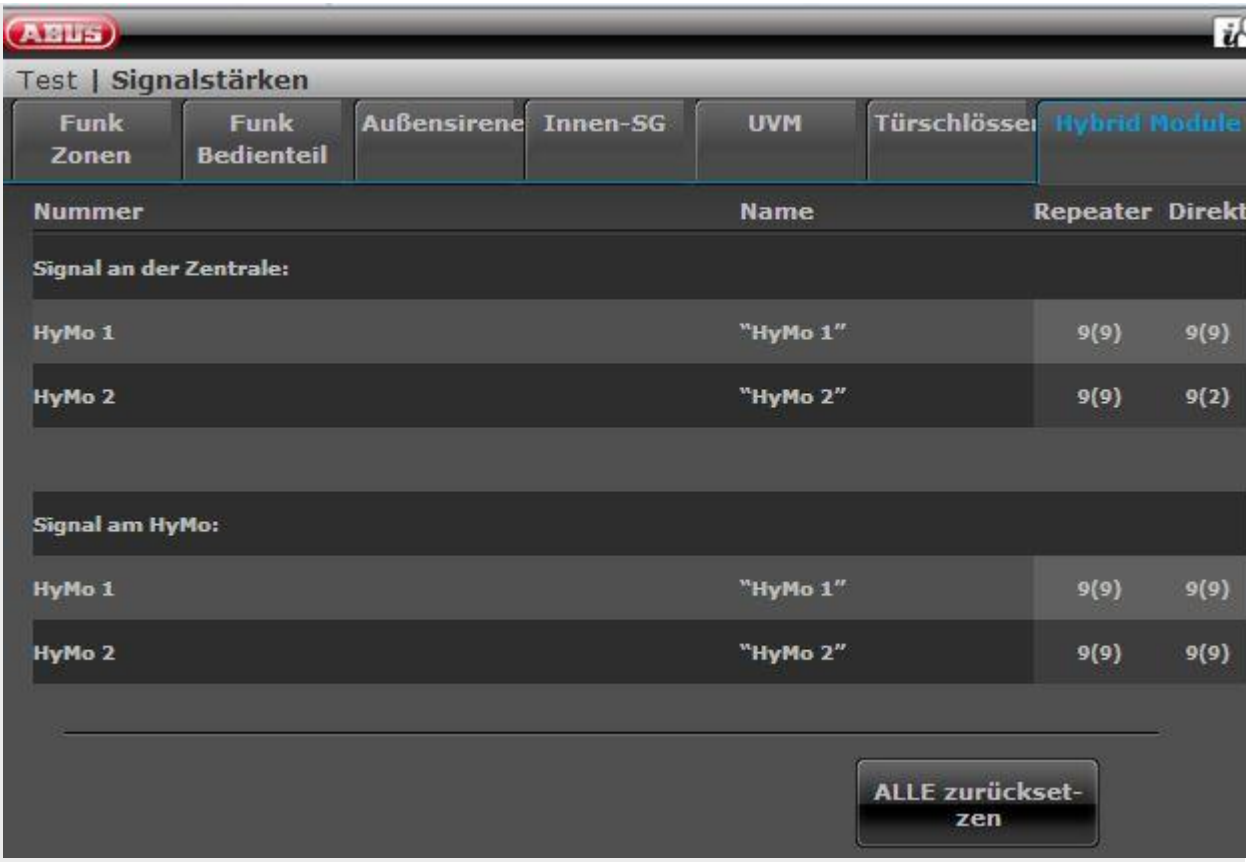
Function	Meaning
Keypad	Testing the keypad is possible both on the alarm panel and the web interface. Press all buttons on the keypad one after the other. The corresponding character or button function is shown on the display in response. Press the dual keys (fire alarm, hold up alarm, medical emergency or social care alarm) at the same time to test them. The function of the key combination is shown on the display in response.  S/W >= 2.01.08 Press the dual keys for the cleaning mode (left and right menu keys) simultaneously to test. The function of the key combination is shown on the display in response. **Note** Cleaning mode will not be carried out. You can find instructions for cleaning mode in the user guide.
Sirens & Sounders	Testing of sirens and sounders is carried out in the web interface in the same manner as on the alarm panel. **Int.Sirens** • The sounders on the alarm panel, info module, indoor siren and wireless control device are actuated. **Ext. Radio Sirens** • The sounders for the wireless external sirens are actuated. **Note** For FUSG50100/1 (siren software 1.10.2) If the housing of the external siren is **closed**, the strobe **and** the siren are switched on. If the housing of the external siren is **open**, **only** the strobe is switched on. **Sounder Module** • The sounders for the external sirens are actuated. External siren in connection with the wireless universal module (WUM) as a "Sounder Module". **Loudspeaker** • Select "Play/Stop" to hear all existing messages in the system one after the other.

Abmelden
Test | Lautsprecher
Wiedergabe Nachrichten...
Wiedergabe/Stop
Volume +
Volume -
Info
Status
Komponenten

Function	Meaning
Wireless control panel	Testing of wireless control panels is carried out in the web interface in the same manner as on the alarm panel. Press the function buttons on the wireless control device one after the other. Wait 2 to 3 seconds between each button so that the control device can send each message. A corresponding letter appears on the display in response: A = "arm" button (closed lock) C = "internal arm" button (*) D= "query status" button (?) B = "disarm" button (open lock) On the **Web** you will also see: Arm system key Arm system internally key Status query Disarm system key To test the number buttons, press 4 or 6 numerical buttons (corresponding to the set code length) and then a function button: Example: • Press : 1234? • Displayed : 1234D (status query) Press the dual keys (fire alarm, hold up alarm, medical emergency or social care alarm) at the same time to test them. On the display: F = dual keys fire alarm P = dual keys hold up M = dual keys medical emergency H = dual keys social care alarm On the **Web** you will also see: Fire key Intrusion key Medical emergency call key Social Care Key The lower "*" and "#" button on the control device cannot be tested. 

Function	Meaning
Door locks	Testing of door locks is carried out in the web interface in the same manner as on the alarm panel. **Select the door lock to be tested.** Operate the corresponding door lock. After unlocking, "Unlocked" appears on the display. After locking, "Locked" appears on the display. • Secvest key: press the button and then lock. • Additional door lock: do not press the button. Then lock. **Note** You can check here whether DIP switch 3 in the Secvest key is correctly set according to the door stop. The received signal strength is also displayed. The meaning of the number before and inside the brackets can be found in the signal strength explanation.
Signal Strengths	This option can be used to check the received signal strengths of all wireless components of the system. **Note** **To ensure good wireless communication, you must have a signal strength greater than 3. During the test, the reception power of the wireless alarm panel is reduced by 6 dB.** The Secvest wireless alarm panel is sensitive to approx. -110 dBm at a signal-to-noise ratio of 12 dB. The following level values apply for the signal strength display on the Secvest: 0 < −101 dBm 1 < −98 dBm 2 < −95 dBm 3 < −92 dBm 4 < −89 dBm 5 < −86 dBm 6 < −83 dBm 7 < −80 dBm 8 < −77 dBm 9 ≥ −77 dBm The number before the brackets is the signal strength of the last received signal. The number inside the brackets is the smallest signal strength received since the last reset. The alarm panel records the received signal strengths, even if you do not see them in this menu. S/W <2.00.00 The signal strength of the repeated signal from the WAM is the same as that from each WAM. For this reason, use the display of the signal strength for the corresponding WAM in order to gain information about the signal strength of the repeated signals from the wireless components. S/W >=2.00.00 The signal strength of the direct signal from each component is displayed in the right-hand column (WEB column direct). The signal strength of the repeated signal from the WAM or the RF repeater is displayed in the left-hand column (WEB column repeater). **Resetting signal strengths to begin a new measurement.** WEB Click on the line for the desired component and follow the instructions on the screen. Click on “Reset ALL” and follow the instructions on the screen. This will clear the recorded signal strengths for the entire list.

	Alarm panel # key Press this key to delete the recorded signal strengths for the selected component. * key Press this key to delete the recorded signal strengths for the entire list. **Note** Deletion and updating can occur very quickly in the HyMo.
Signal strengths (cont.)	**Detectors** The display shows the signal strength of each taught-in detector. S/W <2.00.00 The zone names are displayed. To view the zone numbers, press the right menu key **Wireless control panel** The display shows the signal strength of each taught-in control device. **External Sirens** The display shows the signal strength of each taught-in wireless external siren. **Indoor sounder** The display shows the signal strength of each taught-in indoor sounder. **WAM** The display shows the signal strength of each taught-in WAM. **Door locks** The display shows the signal strength of each taught-in door lock. **Hybrid module** The display shows the signal strength of each taught-in hybrid module. Here you can find 2 displays **Signal on the alarm panel** This is the signal strength of the hybrid module at the alarm panel. **Signal on the HyMo** This is the signal strength of the alarm panel at the hybrid module. **Note** Both signal strengths are approximately the same. However, the signal strengths “alarm panel -> HyMo” and “HyMo -> alarm panel” can deviate slightly from each other. The reasons for this are: different antennas on the alarm panel and HyMo different radio wave propagation characteristics in the different directions



RF repeater (only alarm panel)
The display shows the signal strength of each taught-in RF repeater.
Under RF repeater below you will find clarifications for the display on the WEB.

RF repeater components (only alarm panel)
Under RF repeater below you will find clarifications for the display on the WEB.
The display shows the signal strength of each assigned component to each RF repeater on the RF repeater.
Under RF repeater below you will find clarifications for the display on the WEB.

Repeat alarm panel
You can find the signal strength of the received messages from the **alarm panel** on the repeater here.

Repeat detectors
You can find the signal strength of the received messages from the **detectors** on the repeater here.

Repeat wireless control panel
You can find the signal strength of the received messages from the **wireless control panel** on the repeater here.

Repeat indoor sounder
You can find the signal strengths of the received messages from the **indoor sounder** on the repeater here.

Repeat outdoor sirens

	You can find the signal strength of the received messages from the **external sirens** on the repeater here. **Repeat door locks** You can find the signal strength of the received messages from the **door locks** on the repeater here. **Repeat HyMo** You can find the signal strength of the received messages from the **hybrid modules** on the repeater here.
Outputs	**Radio Outputs** • Use this option to check all configured radio outputs. **Wired Outputs** • Use this option to check all configured wired outputs. **HyMo outputs** • Use this option to check all configured HyMo wired outputs. After exiting the menu, all outputs switch back to their basic configured state.
Prox Tag	Testing of chip keys is carried out in the web interface in the same manner as on the alarm panel. Move the Prox Tag across the reader area at the bottom of the alarm panel (where the ABUS logo is). The following information appears on the display: • which user is assigned to this Prox Tag or • that the Prox Tag is not recognised by the alarm panel.
Remote controls	Testing of the remote control is carried out in the web interface in the same manner as on the alarm panel. Press a button on the remote control. The following information appears on the display: • the consecutive number of the remote control • a letter or character corresponding to the pressed key A = "arm" key (closed lock) * = "internally arm" key or key for activating a "User Defined" output (*) ? = "query status" key (?) D = "disarm" key (open lock) • which user is assigned to this remote control • the function of the pressed button - Set All - Prt Set All or Output On (Off or Toggle) xyz - Query Status - Unset All • the received signal strength (RSSI) **Example** Remote 001,D:User 002 Complete disarming RSSI: 9

Function	Meaning
Emergency buttons	Testing of the remote control is carried out in the web interface in the same manner as on the alarm panel. Press the button on a pendant. The following information appears on the display • which user is assigned to this emergency button • the function of this pendant HUA = hold up alarm Medical = medical emergency PFN alarm = social care alarm • the received signal strength (RSSI) **Example** User: User 002 Func: Medical RSSI: 9
ARC reporting	Testing of the ARC reporting function is carried out in the web interface in the same manner as on the alarm panel. ARC Reporting must be activated and the contact must be saved in the phone book. Installer Mode->Communications->ARC Reporting ->Call Mode ->Single (or Alternate) A list of the available connected transmission paths can be seen: **Ethernet, Ethernet / IP Mobile** • When this is selected, the 2 possible configured recipients (IP Recipient 1, IP Recipient 2) are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select” or “Start” key in the web interface. • The alarm panel sends a test call to this recipient. • The event (or trigger) "Test" is sent according to the set protocol. **PSTN** • When this is selected, the 2 possible configured recipients (Tel Recipient 1, Tel Recipient 2) are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select” or “Start” key in the web interface. • The alarm panel sends a test call to this recipient. • The event (or trigger) "Test" is sent according to the set protocol. **GSM / Mobile** • When this is selected, the 2 possible configured recipients (Tel Recipient 1, Tel Recipient 2) are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select” or “Start” key in the web interface. • The alarm panel sends a test call to this recipient. • The event (or trigger) "Test" is sent according to the set protocol. During the test call a series of progress messages appear on the display. If the test call was not successful, the display shows a brief message with the cause of the error.

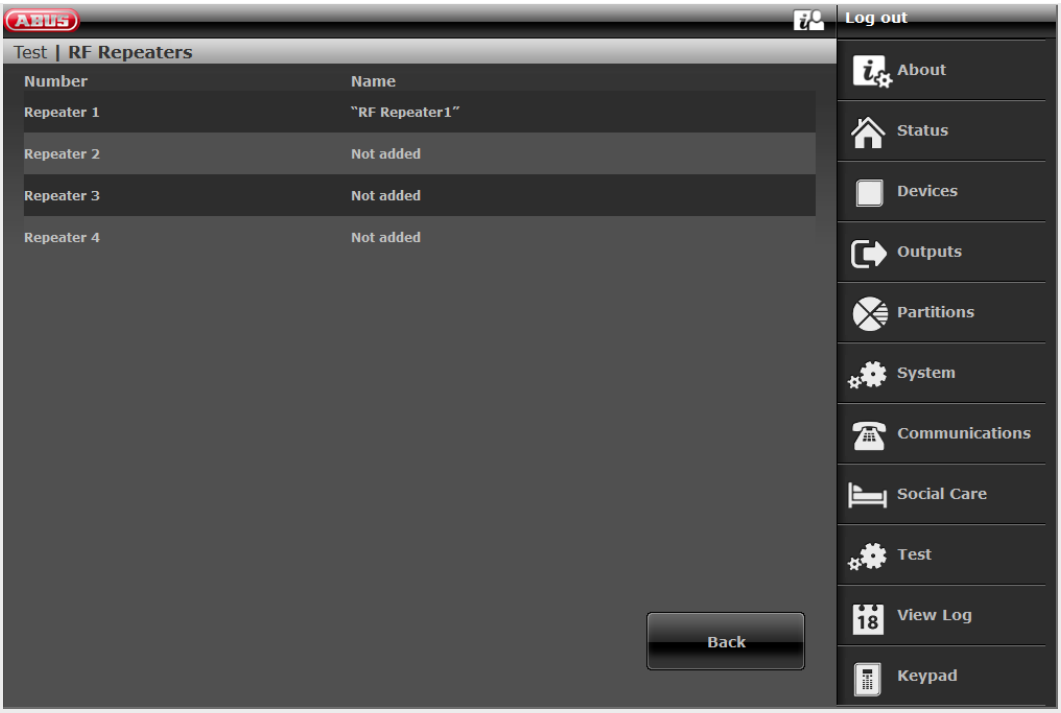
Function	Meaning
Emergency call	Testing of the nursing emergency call function is carried out in the web interface in the same manner as on the alarm panel. Nursing emergency call must be activated and the contact must be saved in the phone book. Installer Mode->Communications->ARC Reporting ->Call Mode ->Single (or Alternate) A list of the available connected transmission paths can be seen: **PSTN** • When this is selected, the 2 possible configured recipients (Tel Recipient 1, Tel Recipient 2) are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or "Start" key in the web interface. • The alarm panel sends a test call to this recipient. • The event (or trigger) "Test" is sent according to the set protocol. **GSM / Mobile** • When this is selected, the 2 possible configured recipients (Tel Recipient 1, Tel Recipient 2) are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or "Start" key in the web interface. • The alarm panel sends a test call to this recipient. • The event (or trigger) "Test" is sent according to the set protocol. During the test call a series of progress messages appear on the display. If the test call was not successful, the display shows a brief message with the cause of the error.

Function	Meaning
Voice dialler	Speech Dialler must be activated. Installer Mode->Communications->Speech Dialler->Call Mode->Enabled A list of the available connected transmission paths can be seen: **Ethernet** • Once this has been selected, enter a valid SIP User ID. • e.g. +498207123456789@sipgate.de • Press the "OK" button. • The alarm panel establishes a connection. If the call is answered by this recipient, the recipient hears the "Home Message" and "Message 1" to "Message 4". **S/W >=2.00.00** • When this is selected, the configured recipients are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or "Start" key in the web interface. • The alarm panel sends a test call to this recipient. **PSTN** • When this is selected, enter a number to dial. • Press the "OK" button. • The alarm panel establishes a connection. If the call is answered by this recipient, the recipient hears the "Home Message" and "Message 1" to "Message 4". **S/W >=2.00.00** • When this is selected, the configured recipients are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or "Start" key in the web interface. • The alarm panel sends a test call to this recipient. **GSM / Mobile** • When this is selected, enter a number to dial. • Press the "OK" button. • The alarm panel establishes a connection. If the call is answered by this recipient, the recipient hears the "Home Message" and "Message 1" to "Message 4". **S/W >=2.00.00** • When this is selected, the configured recipients are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or "Start" key in the web interface. • The alarm panel sends a test call to this recipient. If "Call Acknowledge" is activated: • The recipient can acknowledge and end the call with 5 or 9 respectively if the following is set: Installer Mode->Communications->Speech Dialler->Call Acknowledge ->Enabled. • During the test call a series of progress messages appear on the display. If the test call was not successful, the display shows a brief message with the cause of the error.
SMS	Text messages must be activated and the contact must be saved in the phone book. Installer Mode->Communications->SMS->Call Mode->Enabled A list of the available connected transmission paths can be seen: **PSTN**

	• When this is selected, the possible configured recipients are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or “Start” key in the web interface. • The alarm panel sends a test text message to this recipient. **GSM / Mobile** • When this is selected, the possible configured recipients are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or “Start” key in the web interface. • The alarm panel sends a test text message to this recipient. • The recipient receives an SMS in the following form: <Home Message>: 10:56 21/01/2015 SMS Test Call • During the test call a series of progress messages appear on the display. • If the test call was not successful, the display shows a brief message with the cause of the error.
Email	Email must be activated and the contact must be saved in the phone book. Installer Mode->Communications->Email->Call Mode->Enabled A list of the available connected transmission paths can be seen (on WBI only): **Ethernet, Ethernet / IP Mobile** • When this is selected, the possible configured recipients are displayed with their contact names as stored in the phone book. • Scroll to the desired contact. Press the "Select" or “Start” key in the web interface. • The alarm panel sends an email to this recipient. • The recipient receives an email in the following form: Subject: <Home Message>: Email Test Call Text: <Home Message>: 11:09 21/01/2015 Email Test Call • During the test call a series of progress messages appear on the display. If the test call was not successful, the display shows a brief message with the cause of the error.

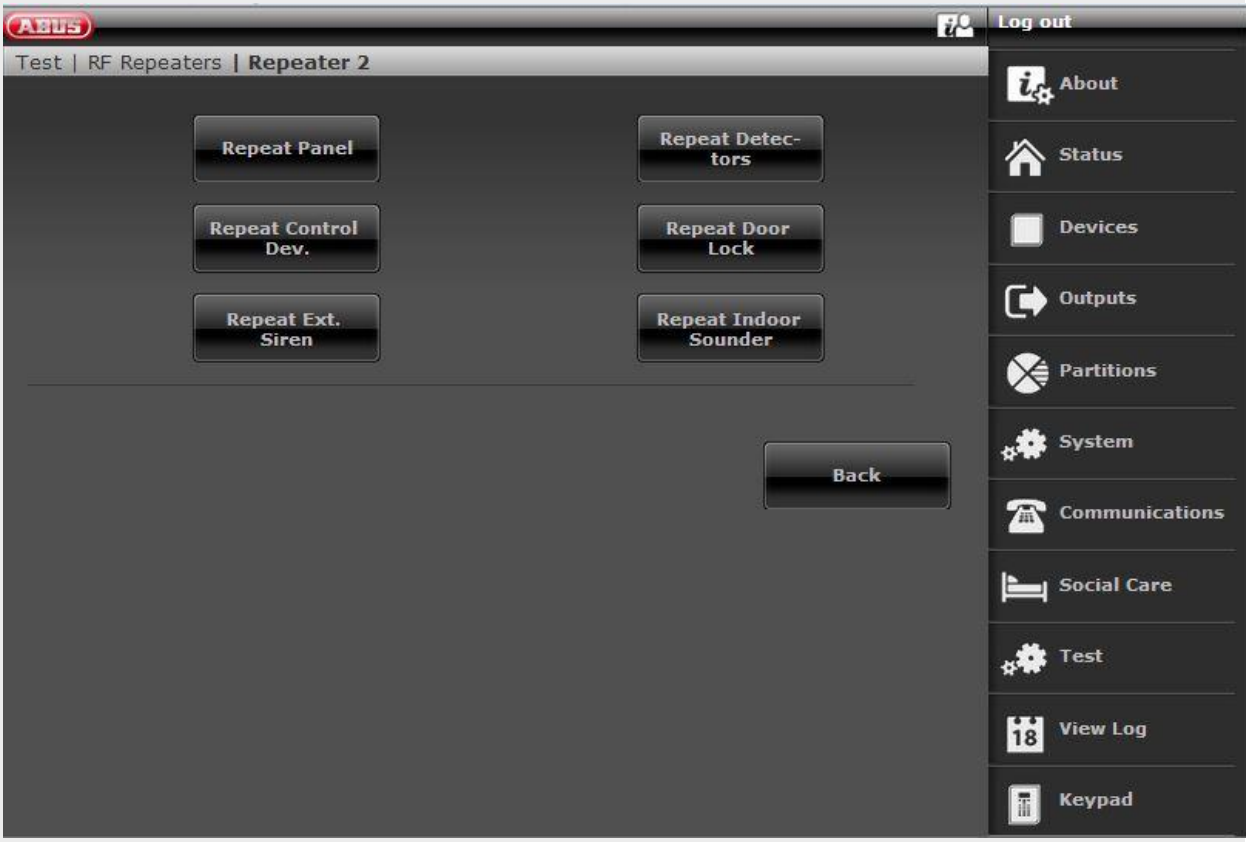
Function	Meaning
Zone Resistances	The current resistances for the wired zones (alarm panel and hybrid module) are displayed here. **Display on the alarm panel:** The zone names are displayed. To view the zone numbers, press the right menu key. Test all variants according to the type of wiring to determine whether they meet the requirements: • Alarm contact open/closed • Tamper contact open/closed • Short circuits • Open (isolated circuits) 0k00 means 0 ohms or NC Test | Zone Resistances Number / Name / Partitions / Type / Ω Z301 Wired / "Zone 301" / None / Not Used / 2Ω Z302 Wired / "Zone 302" / None / Not Used / O/C Z303 Wired / "Zone 303" / None / Not Used / O/C Z304 Wired / "Zone 304" / None / Not Used / O/C **Note** "4-wire CC" wiring type **Alarm panel** The display switches between the resistance of the alarm loop (A) and the resistance of the tamper loop (S). **WBI** Here the field shows both values simultaneously, the resistance of the alarm loop (A) and the resistance of the tamper loop (S). **Example for a "2-wire FSL 2K2/4K7" zone** • Alarm contact closed (standby) 2k18 • Alarm contact open 6k89 • Alarm contact open and series resistor bridged 4k68 • Short circuit in line to detector 0k00 • Line disconnection NO
Panel PSU	Here you can find information about the voltage values of the power supply. The display is identical on the alarm panel and the web interface. **Ext. DC voltage in** • The voltage value of the external DC power source **Panel Battery 1** • The voltage value of the first battery **Panel Battery 2** • The voltage value of the second battery **Aux. Voltage Out** • The voltage value at the terminal clamp 0 V/12 V AUX **Example** (battery 2 is not connected in this example)

	• Ext. DC voltage in	14.1 volt
	• Panel Battery 1	8.3 volt
	• Panel Battery 2	0.1 volt
	• Aux. Voltage Out	13.9 volts
HyMo PSU	Here you can see the voltage value of the external DC power source at the terminal connection 0 V / 12 V IN of the hybrid module. WBI: Contains additional information including **Number** the internal number within the alarm panel software **Name** the unique name selected for this hybrid module **Partitions** the numbers of the partitions to which the hybrid module is assigned **Loudspeaker partitions** the partitions for which the optionally connected loudspeaker should provide a signal
RF re-peater	**Here you can find information about the signal strength of the components on the repeater.** This is the signal strength on the repeater of the received notifications from the components. The display is identical on the alarm panel and the web interface

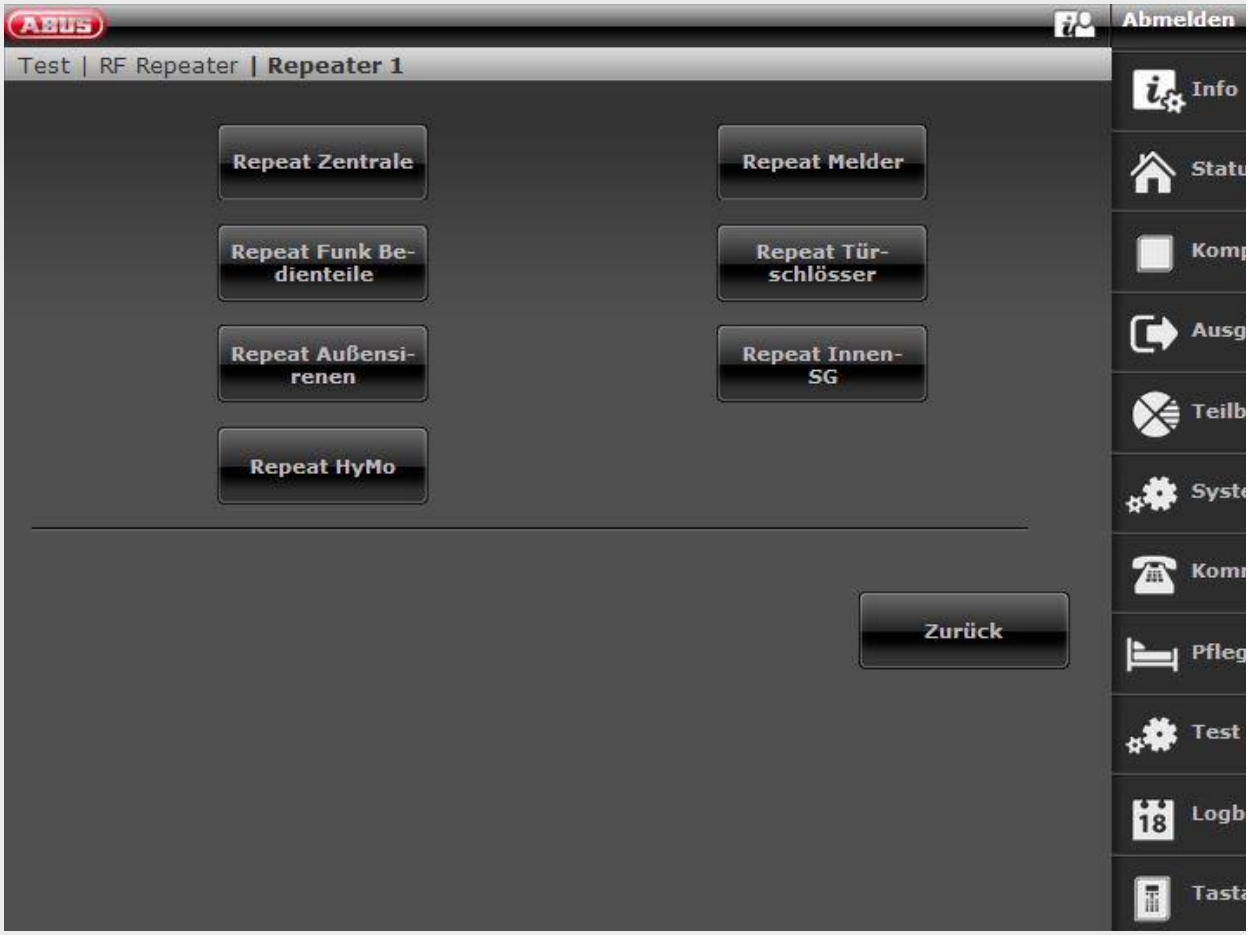


Click on the line of the desired repeater. The following display then appears:

S/W < v3.01.14



S/W >= v3.01.14

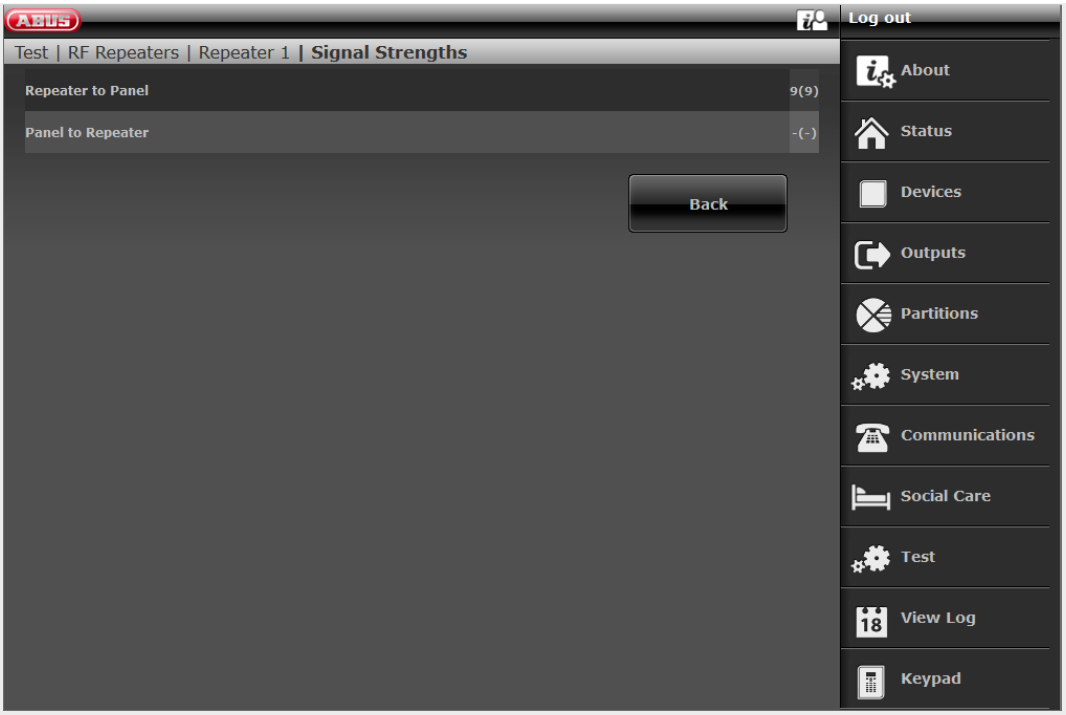


Click on the desired component type. Details on the signal strength display can be found above under Test -> Signal Strengths.

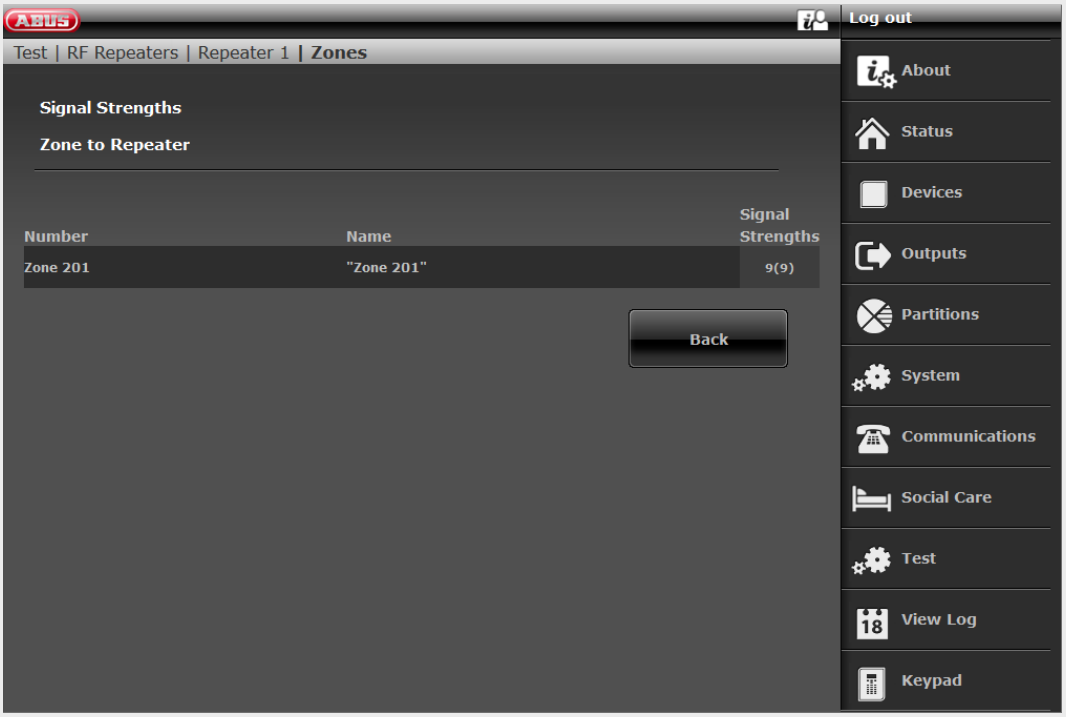
Repeat alarm panel
Here you can find 2 displays

RF repeater
This is the signal strength of the repeater to the alarm panel.
Repeat alarm panel
This is the signal strength of the alarm panel on the repeater.

Note
Both signal strengths are approximately the same. However, the signal strengths “alarm panel -> repeater” and “repeater -> alarm panel” can deviate slightly from each other. The reasons for this are:
different antennas on the alarm panel and repeater
different radio wave propagation characteristics in the different directions



Repeat detectors
You can find the signal strength of the received messages from the **detectors** on the repeater here.



Repeat wireless control panel
You can find the signal strength of the received messages from the **wireless control panel** on the repeater here.

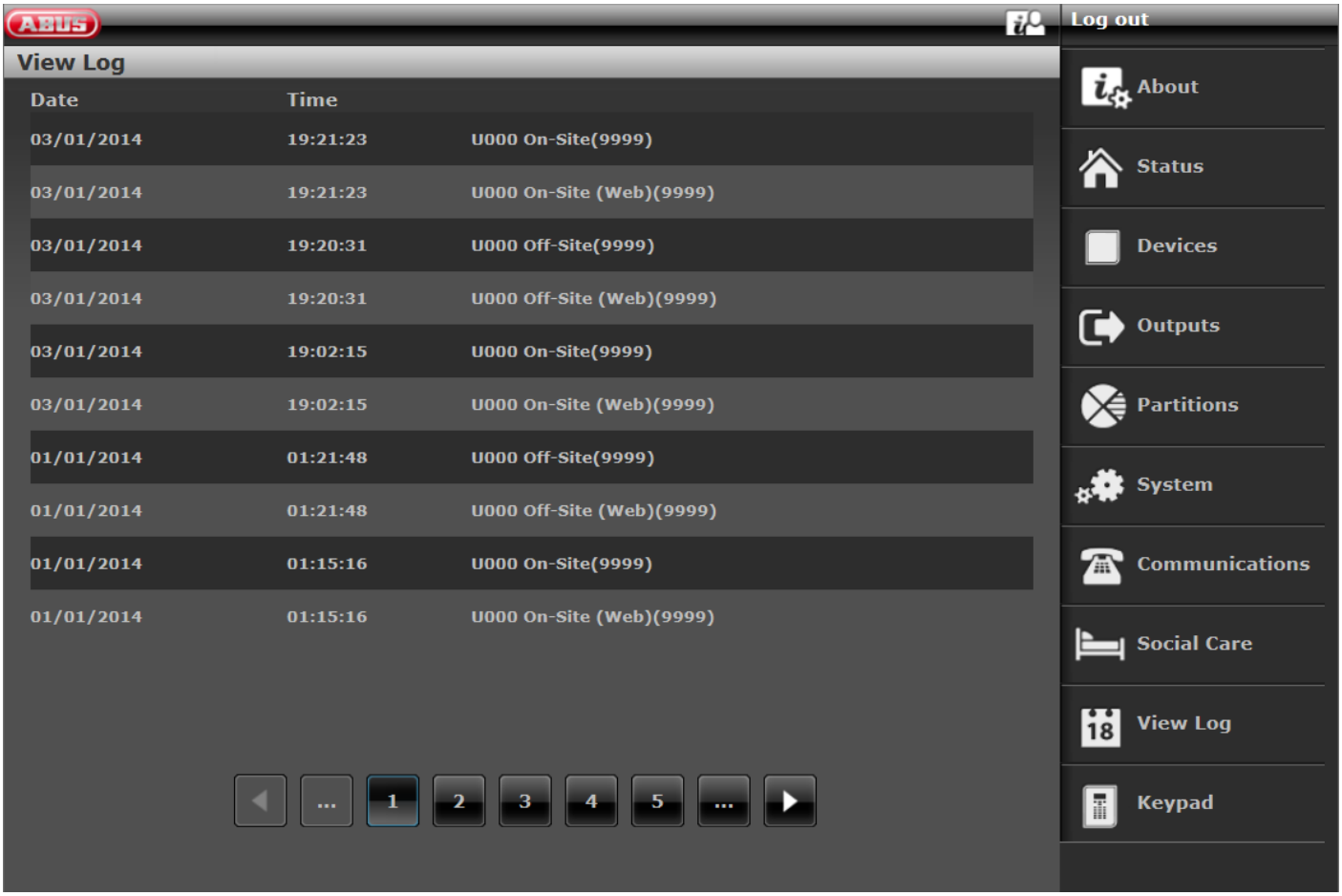
Repeat door locks
You can find the signal strength of the received messages from the **door locks** on the repeater here.

Repeat outdoor sirens

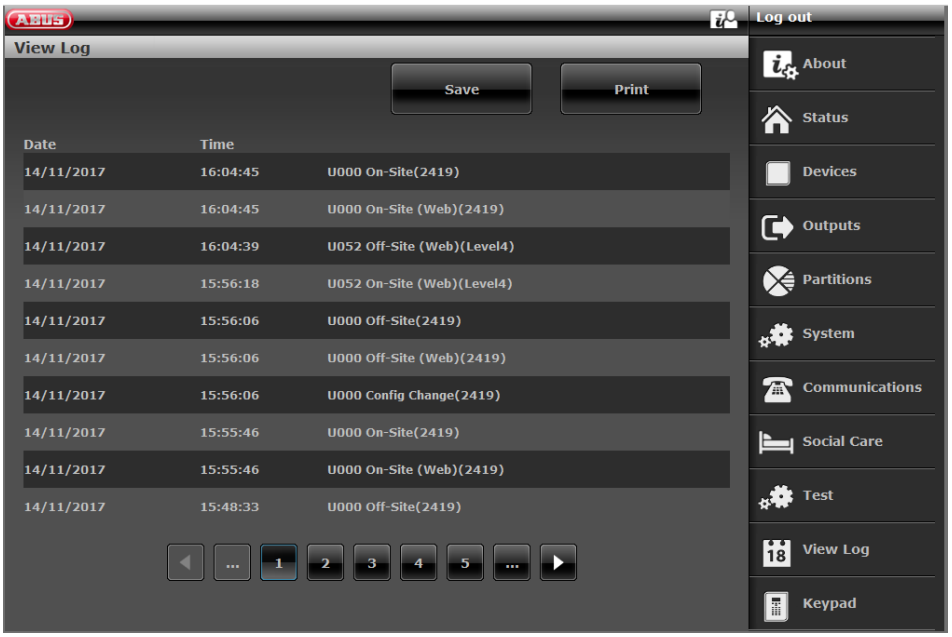
	You can find the signal strength of the received messages from the **external sirens** on the repeater here. **Repeat indoor sounder** You can find the signal strengths of the received messages from the **indoor sounders** on the repeater here. **Repeat HyMo** You can find the signal strength of the received messages from the **hybrid modules** on the repeater here.

Log

S/W <= v2.01.08



S/W >= v3.00.03



You can view the "log book" in this menu.

The log book contains all of the relevant data for the alarm panel including the date and time.

The memory can hold up to 600 entries.

If the memory is full, the oldest entry is deleted and overwritten with the new entry (FIFO principle: first in, first out).

You can find an overview of the possible log entries in the appendix.

"**Save" button (**S/W >= v3.00.03**)**

To save the log book, click the "Save" button. The standard Windows "Open/Save" dialog appears. Either select "Open with" or "Save file".

The standard file name is "log.csv".

Note

To open and edit a "log.csv", it is best to use Excel.

To convert the ".csv" file (comma separated values) into an ".xlsx" file, proceed as follows:

Select row 5/column A to row x/column A.

Click on **Text in columns** in the **Data** tab in the **Data-tools** group.

Follow the instructions in the text conversion wizard to specify how the text will be divided into columns.

Save as ".xlsx"

You will now have three columns for better searching and data readability.

"**Print" button (**S/W >= v3.00.03**)**

To print the log book, click on the "Print" button. The standard Windows "Print" dialog appears. Select your desired printer.

Note

Which printers appear will depend on the printers installed on the computer.

E.g. "Real" paper printer, or "PDF printer" such as PDF-Xchange, Freepdf.

Note

When saving or printing, all of the saved entries from the currently selected page to the last page are exported.

Example:

The log book currently has 51 pages, each with 10 rows. You have selected page 41. When saving or printing, the contents of pages 41 to 51 will now be exported. You will then receive these 100 saved entries, i.e. 100 rows, in the respective file.

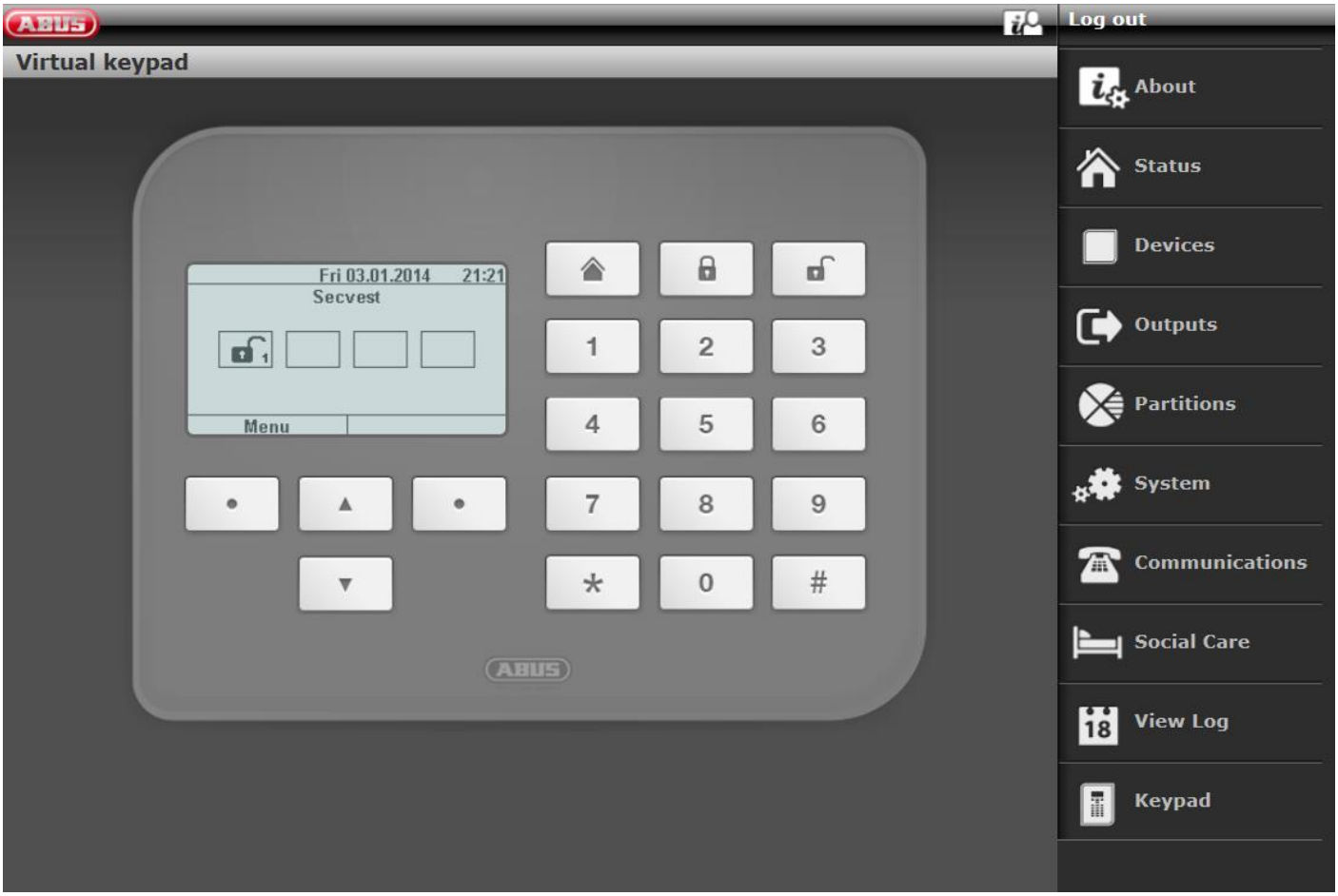
The first 4 rows contain information about the alarm panel. The next rows mirror the content of the log book.

Example:

```
Secvest-ABUS, (display text)
Secvest 3.01.11,
Alarm panel time 11:39, date: 08/11/2018,
The system is configured as: Partitions,
```

```
08/11/2018,10:45:19,Ben 000 Log in(2925)
08/11/2018,10:45:19,Ben000 Log in (Web)(2925)
08/11/2018,10:45:09,Ben 000 Log out(2925)
...
...
...
```

Virtual keypad



The virtual keypad has all the functionality of the keypad and display of the alarm panel.

On the alarm panel you press the corresponding buttons.

On the virtual keypad, you click the corresponding buttons using the mouse.

The displays on the virtual keypad are the same as those on the alarm panel.

Note the following:

If you are logged in as an installer on the web server, you open the virtual keypad in installer mode after entering an installer code.

If you are logged in as a user/administrator on the web server, you open the virtual keypad in the user menu after entering a user code.

Appendix

Technical data

General

Product name	Secvest
Product description	Wireless alarm system
Manufacturer	ABUS Security-Center GmbH & Co. KG Linker Kreuthweg 5 86444 Affing GERMANY
Environmental class	II (EN 50131-1 + A1:2009 Section 7, EN 50131-3:2009 Section 7)
Protection class, IP protection class	IP30 (internal spaces, in its installed state) IP = international protection or ingress protection 3 = Protection from foreign objects: protected against solid foreign objects with a diameter of > 2.5 mm, Protection from contact: protected against access with a tool and wires Ø >2.5 mm 0 = Protection from water: no protection
Operating temperature	0 °C to 40 °C
Storage temperature	0 °C to 40 °C
Humidity, maximum	Non-condensing average relative humidity 75%
Housing material	ABS
Dimensions (W x H x D)	205 x 285 x 48 mm
Weight	1453 g (excluding batteries) 1543 g (including one battery) 90 g one battery
General	This product must be installed, serviced and maintained by a qualified service engineer. External cleaning work can be carried out by the user.

Capacity

Zones	
IP zones	3 6 (S/W 1.01.00 and later) for the ABUS camera models specified see the appendix to the instructions for installers entitled "Compatible equipment"
Wireless Zones	48
Wired Zones	4 (2-wire FSL/DEOL or 2-wire CC) 2 (4-wire CC)
Wireless control panels	8
External Sirens	
Wireless sirens	4
Wired sirens	1
Indoor sounder	4
Info modules/internal sirens	∞
WAM	8
Door locks	8
RF repeater	4

Number of components per repeater	10 Remote controls and emergency transmitters (intrusion, medical emergency, care alarm) are always repeated.
Outputs	
IP Outputs	0
Radio Outputs	32
Wired Outputs	4
Combination outputs	10
Partitions	Four (each with internal arming)
User	50
User names	50 (plus installer name)
User Codes	50 (plus installer code)
Proximity tags (chip keys)	50 (one per user)
Remote controls	50 (one or several per user)
Panic alarm transmitter	50 (one per user)
Medical emergency call transmitter	50 (one per user)
Nursing emergency call transmitter	50 (one per user)
Telephone book	12 contacts Name Partitions 1-4 Voice/SMS/Email – Deactivated, Activated, Part Set 2 telephone nos 1 email 1 IP address 1 VoIP/SIP ID
Time schedules active/inactive:	160 events 20 exceptions
Logbook capacity	Up to 600 events 500 mandatory events 100 non-mandatory events Stored in EEPROM storage (non-volatile memory – NVM) retained for at least ten years without electricity. The whole log book stores its records for at least ten years without electricity. Note: The logbook is protected and cannot be deleted by an installer, administrator or ordinary user.
Internal clock	1 Crystal controlled and time synchronisation via a time server (SNTP time synchronisation) Accuracy if the alarm panel does not use time synchronisation via a time server: ± 5 minutes over a year @ 20°C nominal temperature < ± 10 minutes over a year @ 20°C nominal temperature according to EN 50131-1 Section 8.10
Loudspeaker	1
Microphone	1
Voice messages	33 voice messages for each language installed on the alarm panel 5 messages recorded by the user (Installer mode voice dialler) 12 second site message 8 seconds for each message 1–4

	1 memo message (user menu) 30 seconds 58/56 zone names (user menu) 2 seconds for each zone 6 IP zones 48 wireless zones 4/2 wired zones
Internal Siren	1 (integrated piezo sounder) Sound pressure level > 96 dB(A) @ 1 m
Communication modules, plug-in	1
Ports	1x Ethernet 1x a/b 1x USB 1x SD card
Backup batteries	2
Display	3.5", effective area 84 mm x 45 mm, 240 x 128 pixel monochrome (greyscale) LCD, white backlighting

Protection and security

Security level	Level 2 (EN 50131-1 + A1:2009 Section 6, EN 50131-3:2009 Section 6)
Environmental class	II (EN 50131-1 + A1:2009)
Tamper protection (detection/protection)	Type B (EN 50131-3:2009 Section 8.7)
Wireless components, differentiation	16,777,214 (2^{24} -2) different IDs per component type
Wireless supervision	Configurable
Access codes	There is no default installer code. There is no default administrator code. S/W <=1.01.00 It is absolutely essential to change the default code (administrator user code: 1234 or 123456) during installation.
Quantity of access codes	50 plus one installer
Access code differentiation	10,000 code variants with 4-digit codes (0000–9999) The digits of the code are numbers between 0 and 9. 10^4 = 10x10x10x10 = 10,000 (combinatorial variation) 1,000,000 code variants with 6-digit codes (000000–999999) The digits of the code are numbers between 0 and 9. 10^6 = 10x10x10x10x10x10 = 1,000,000 (combinatorial variation)
Quantity of proximity tags (chip keys)	50
Proximity tag differentiation	4,294,967,296 (2^{32}, 2^32)
Temporary authorisation for user access	There is no facility for providing temporary access (e.g. PIN code or proximity keyfob which is only valid for a limited time or a specified quantity).

<table>
<tr><td>Locking access/locking codes</td><td>Keyboard is locked for 5 minutes after 3 incorrect codes in succession.
Keyboard is locked for 5 minutes after 3 incorrect proximity keyfobs in succession.</td></tr>
<tr><td>Mechanical keys</td><td></td></tr>
<tr><td>Control panels</td><td></td></tr>
<tr><td>Wireless key switch</td><td>FUBE50061, FUBE50060, FU8165</td></tr>
<tr><td>Mechanical key differentiation</td><td>30,000</td></tr>
<tr><td>Door locks</td><td></td></tr>
<tr><td>Additional door lock</td><td>FUFT5001x-2x, 7010E 7025E</td></tr>
<tr><td>Mechanical key differentiation</td><td>30,000</td></tr>
<tr><td>Secvest Key</td><td>FUSK53030-58080, FUBE5XXXX</td></tr>
<tr><td>Mechanical key differentiation</td><td>789.024</td></tr>
<tr><td>Web user name length</td><td>12 characters</td></tr>
<tr><td>Web user name differentiation</td><td>88^{12} (215,671,155,821,681,003,462,656, 88^12, >1,000,000)
All characters can be alphanumeric symbols or special symbols.

<table><tr><td>A-Z</td><td>26</td></tr><tr><td>a-z</td><td>26</td></tr><tr><td>0-9</td><td>10</td></tr><tr><td>Space apostrophe ():.-!&@+_*#</td><td>14</td></tr><tr><td>Æ Å Ä Ø Ö Ü (upper case)</td><td>6</td></tr><tr><td>Æ Å Ä Ø Ö Ü (lower case)</td><td>6</td></tr><tr><td></td><td>88 ∑</td></tr></table></td></tr>
<tr><td></td><td></td></tr>
<tr><td>Web encryption</td><td>HTTPS
TLS 1.2
< 2.0.0: Signature algorithm: SHA1
>= 2.0.0: Signature algorithm: SHA256 (SHA 2)
> 3.01.01: mbedTLS library V2.6.0</td></tr>
<tr><td></td><td></td></tr>
<tr><td></td><td></td></tr>
<tr><td>Electromagnetic compatibility
EMC – immunity</td><td>Complies with EN 50130-4</td></tr>
<tr><td>Electromagnetic compatibility
EMC – interference</td><td>Complies with EN 61000-6-3</td></tr>
<tr><td>Electrical safety</td><td>Complies with EN60950-1</td></tr>
<tr><td></td><td></td></tr>
</table>

Power supply

Type of power supply	Type A with reference to EN 50131-1:2006+A1:2009 Section 9 and EN 50131-6:2008+A1:2014 Section 4.1 Secvest has an integrated power supply unit (Type A). This power supply unit supplies different internal voltages to the circuit board to supply power to the circuitry. This power supply unit supplies 13.8 V with a maximum of 600 mA at the 0 V/12 V AUX output.
Normal voltage/frequency	110 V/230 V AC, 50/60 Hz, (85-265 V AC, 50/60 Hz) 13.8 V DC (13.0–14.5 V DC)
Power consumption, maximum	I AC MAX: 430mA rms @ 85 V AC 190mA rms @ 230VAC 170 mA rms @ 265 V AC
Power consumption, nominal	6.9 W 6.9 W x 24 x 365 = 60 kWh per year 55 mA rms @ 230 V AC specified with 200 mA aux load and fully charged batteries 300 mA @ 13.8 V
External DC input fault triggered at	12.5 V OK at 12.7 V
External PSU	13.0–14.5 V DC, at least 1.7 A
Power consumption, typical	Alarm panel standby: 100 mA Backlighting off Backlighting: High: 100 mA Medium: 40 mA Low: 15 mA Internal siren sounding alarm at maximum volume: +70 mA GSM/mobile standby: +15 mA @ 12 V DC GSM/mobile active: +240 mA @ 12 VDC Battery charging current per battery: 220 mA
Backup power supply	
Rechargeable battery	Polymer lithium ion, 7.4 V
Capacity	2500 mAh, 18.5 Wh
Minimum running time in emergency power mode (standby time)	More than 12 hours More than 24 hours with optional second battery
Maximum recharging time	Less than 72 hours with reference to EN 50131-1:2006+A1:2009 Section 9 Table 24
Maximum time to recharge the battery to 80%	24 hours)
Lower threshold value of the battery	7.2 V "Flat battery" fault at <7.2 V
Deep discharge protection at	6 +/- 0.2 V
Aux power supply output	I max. 700 mA (main pcba issue < 7) I max. 600mA (main pcba issue >= 7) Running on the mains (85–265 V AC, 50/60 Hz) 13.9 V max, idle 13.4 V min, full load (@ 600 mA)

	Running on DC input @13.0V 12.8 V max, idle 12.2 V min, full load (@ 600 mA) @13.8V 13.6 V max, idle 13.0 V min, full load (@ 600 mA) @14.5V 14.3 V max, idle 13.7 V min, full load (@ 600 mA) **Note** This output is **not** buffered by the battery in case of power failure. The output voltage during a power failure is directly 0 V.
Aux power supply output fault triggered at	11.5V OK from 12.0 V
Surge protection trip voltage	Not given for grade 2
PSU monitoring	Monitoring covers AC and external DC faults. It notifies the alarm panel if the AC or external DC power supply is disrupted or fails. The alarm panel will continue running on the batteries but the alarm panel and user are informed. Monitoring covers battery under voltage. If the battery is flat, the alarm panel and user are informed and the alarm panel gives a warning.

Fuses

Mains fuse (AC in)	Miniature fuse (micro fuse) removable
Name	T1AL250V
Characteristic	T = slow blow
Operating current	1 A
Breaking capacity	L = low
Operating voltage	250 V
Design	Glass tube 5x20 mm

Wireless signal transmission

Operating frequency	868.6625 MHz
	In accordance with: EN 50131-5-3 Grade 2 EN 300 220-1 V.2.1.1 EN 300 220-2 V.2.1.1 EN 300 220-3 V.1.1.1
	Frequency band reserved for applications in the security zone.
Modulation	FM
Bandwidth	+/- 10 kHz Narrow band, 25 kHz channel separation
Transmission power	Max. 10 mW
Sensitivity	approx. –110dBm
Signal-to-noise ratio	12 dB
Antenna	Integrated duplex antenna technology
Range	Indoors: approximately 30 m depending on environmental factors Outdoors: approximately 100 m
Special features	Individual identification Supervision monitoring Jamming detection

RFID proximity keyfob reader

System	Mifare Classic
Operating frequency	13.56 MHz
Transmission power	max. 55 mW
	In accordance with: EN 300 330-2
Special features	Individual identification

Connections

L ⏚ N	Mains connection 110 V/230 V AC, 50/60 Hz, (85-265 V AC, 50/60 Hz) L – line, single phase (black or brown) ⏚ – protective earth (yellow/green) N – neutral (blue)
- DC IN + 13.8 V	External PSU input 13.8 V DC, external PSU at least 1.7 A See Power supply section for more details
0 V 12 V AUX	Voltage output 13.8 V DC up to 700 mA, main pcba issue < 7 up to 600 mA, main pcba issue >= 7 Maximum output residual ripple (ripple voltage): 0.2 Vp-p Aux output fault triggered at 11.5 V, ok from 12.0 V See Power supply section for more details **Note** This output is **not** buffered by the battery in case of power failure. The output voltage during a power failure is directly 0 V.
+BATT1 ,+BATT2	Battery polymer lithium ion, 7.4 V, 2500 mAh
OP 301, OP 302	Relay output Potential-free changeover contact NO/C/NC Max. contact capacity: 500 mA @ 24 V AC rms or 30 V DC
OP 303, OP 304	Transistor output Open-drain Max. contact capacity: 500 mA @ 13.8 V DC **Note** These outputs will drop to 0 V during power failures
TR	A negative tamper input The input is switched to the inactive low state (ground potential) by the connected siren. The threshold voltages are > 4 V for active and < 3.6 V for inactive.
TRB	A negative fault input The input is switched to the inactive low state (ground potential) by the connected siren. The threshold voltages are > 4 V for active and < 3.6 V for inactive.
10/100 LAN	Ethernet/LAN Cat5e patch cable, RJ45 male Connector at each end, suitable for 10/100Base-T
USB TYPE-B	USB Mini-B connector for alarm panel USB-A connector for PC Max. length 3 m
A B	Interface for analogue telephone connection to the public telephone network, a private branch exchange or an integrated access device (IAD [router] e.g. Vodafone Easybox xyz or FRITZ!Box vwxy) Approved for telecommunications in accordance with TBR-21/CTR21 (ETSI ES203021) > 18 V

	REN rating 1 PSTN data rates up to 1200 bps (V.22)
Micro SD	Secure Digital Memory Card Micro SD 11 mm x 15 mm x 1.0 mm 4 GB Micro SDHC
Z301, Z302, Z303, Z304	Wired Zones 2-wire FSL 2K2/4K7 2-wire FSL 1K/1K 2-wire FSL 2K2/2K2 2-wire FSL 4K7/4K7 2-wire CC
Z301A/Z301T, Z302A/Z302T	Wired Zones 4-wire CC

Resistance ranges specified for idle, alarm and tamper states (in Ohms).
Resistances immediately by the screw terminals.
Recommended cable resistance: must be less than 100 Ohms.

	2-wire FSL 2K2/4K7	2-wire FSL 1K/1K	2-wire FSL 2K2/2K2	2-wire FSL 4K7/4K7
O/C tampering	8281-∞	2401-∞	5281-∞	11281-∞
Alarm	4081-8280	1401-2400	3081-5280	6581-11280
Idle	1760-4080	800-1400	1760-3080	3760-6580
S/C tampering	0-1759	0-799	0-1759	0-3759

	4-wire CC	2-wire CC
Open/alarm/tampering	1001-∞	1001-∞
Closed/idle	0-1000	0-1000

Communication

<table>
<tr><td>Communication channels</td><td></td></tr>
<tr><td>a/b interface</td><td>Interface for analogue telephone connection to the public telephone network, a private branch exchange or an integrated access device (IAD)</td></tr>
<tr><td>Ethernet</td><td>10/100 LAN</td></tr>
<tr><td>GSM/GPRS (2G)</td><td>Plug-in module, optional
FUMO50000
FUMO50001
Quad-band GSM: 850/900/1800/1900 MHz</td></tr>
<tr><td>GSM/GPRS (2G)
LTE (4G)</td><td>Plug-in module, optional
ESMO50000
2G GSM: 900 and 1800 MHz
4G LTE: B3 (1800 MHz), B8 (900 MHz), B20 (800 MHz)</td></tr>
<tr><td></td><td></td></tr>
<tr><td>Communication methods</td><td></td></tr>
<tr><td>Web server</td><td>Web access, app and ABUS server</td></tr>
<tr><td>ARC/ESCC reporting</td><td></td></tr>
<tr><td>Receiver</td><td>2 Tel, 2 IP</td></tr>
<tr><td>Protocols</td><td>DTMF-based
Fast Format, Contact ID
FSK-based
SIA 1, SIA 2, Ex SIA 3, Ex SIA 3 V2, Ex SIA 3 V3
SMS-based
CID in SMS
IP
Compatible with "SIA IP Reporting (TCP-2013)"

DC-09 (SIA-IP), with Fast Format, Contact ID, SIA
<table>
<tr><th>Protocol</th><th>Token</th></tr>
<tr><td></td><td></td></tr>
<tr><td>FF</td><td>“SCN-S8”</td></tr>
<tr><td>CID</td><td>“ADM-CID”</td></tr>
<tr><td>SIA 1, SIA 2, SIA 3, Ex SIA 3, Ex SIA 3 V2, Ex SIA 3 V3</td><td>“SIA-DCS”</td></tr>
</table>
TCP, only unencrypted (S/W<=3.00.03), unencrypted and encrypted (S/W>=3.00.03)
Note:
For details, see the appendix entitled "ARC (ESCC) reporting protocol formats"</td></tr>
<tr><td></td><td></td></tr>
<tr><td>Emergency call</td><td></td></tr>
<tr><td>Receiver</td><td>2 Tel</td></tr>
<tr><td>Protocols</td><td>DTMF-based
Scancom, Scanfast, Tunstall</td></tr>
<tr><td>Voice dialler</td><td></td></tr>
<tr><td>Receiver</td><td>8 Tel or VoIP/SIP ID</td></tr>
<tr><td>DTMF detection VoIP/SIP
Acknowledgement</td><td>RFC 2833</td></tr>
<tr><td>Codec VoIP/SIP</td><td>PCM G711 A law (RTP AV Profile 8)
ITU-T G.711 PCM A-Law audio 64 kbit/s
Reference RFC 3551</td></tr>
</table>

SMS	
Receiver	8
PSTN SMS protocols	TAP 8N1 TAP 7E1 UCP 8N1 UCP 7E1 ETSI Protocol 1
Email	
Receiver	8
Remote control by telephone	Yes
ATS Alarm transmission system Categories and classifications ATS (Alarm Transmission System) categories, SPT (Supervised Premises Transceiver) classification	The alarm panel contains an integrated SP2 (ATS2) communicator to fulfil the requirements of EN 50131 for security level 2. The alarm transmission system is compliant with EN 50136-1:2012 as an SP2 (ATS2) communicator. The alarm panel supports options A, B and C for grade 2 as given in Table 10 in EN 50131-1:2006+A1:2009
Classification of transmission time	D2 -> SP2
Transmission time, maximum values	M2 -> SP2
Classification of notification time	T2 -> SP2
Classification of availability	A0 (no requirement)-> SP2 (optional) There is no method for achieving compliance with EN 50136-1:2012, 6.7.3 (non-availability of the alarm transmission system) because A0, no requirement.
Security to prevent removal	S0 (no measures) -> SP2 (optional) There is no method for achieving compliance with EN50136-1:2012, 6.7.2 (redundancy) because S0, no measures
Information security	I0 (no measures) -> SP2 (optional) There is no method for achieving compliance with EN 50136-1:2012, 6.8.3 (information security) because I0, no measures.
Monitoring a/b, Ethernet and GSM/wireless mobile	See the Communication options chapter in the Installer manual. Installer mode -> Communication -> Comm. options -> Comm. path fault response Ethernet, PSTN (a/b), GSM/mobile Installer mode -> Communication -> Comm. options -> Comm. path fault delay Ethernet, PSTN (a/b), GSM/mobile
Handshaking procedure	Mode/procedure: Transfer (EN 50136-2:2013 Section 6, Operation)

SW >= 3.00.06

Function	PSTN	Ethernet LAN	2G GSM, GPRS	4G LTE
mobile communication module, mobile radio module, cellular module, mobile service module, cellular module or connection	a/b	LAN	ESMO50000 FUMO50001 FUMO50000	ESMO50000
AES/NSL reporting (DTMF and FSK-based)	yes	no	yes	no
AES/NSL reporting (IP-based, e.g.DC-09)	no	yes	yes	yes
Emergency call (DTMF-based)	yes	no	yes	no
Voice dialler (analogue)	yes	no	yes	2G fall back
Voice dialler (VoIP/SIP)	no	yes	no	no
Voice dialler (VoLTE)	no	no	no	no
2-way communication	yes	yes	yes	2G fall back
Remote Control by Phone	yes	no	yes	2G fall back
SMS	yes	no	yes	Yes If the network operator supports it
E-mail (with photos)	no	yes	no	yes
E-mail (without photos)	no	yes	yes	yes
Web server	no	yes	no	no
DynDNS ABUS Server	no	yes	no	no
SNTP (time synchronisation)	no	yes	yes	yes
IP camera	no	yes	no	no
Smartphone app	no	yes	no	no
Push messages	no	yes	yes	yes

Other

Configuration	Web browser via the integrated web server or directly on the alarm panel

EU Directives

RED: 2014/53/EU
EMC: 2014/30/EU
RoHS: 2011/65/EU
WEEE: 2012/19/EU
ErP: 2009/125/EU
Low voltage: 2014/35/EU
General safety: 2001/95/EG

Declarations of compliance
for the FUAA50000, FUAA50500, FUAA50010, FUAA50510, FUAA50100, FUAA50600, FUAA50110 and FUAA50610 Secvest wireless alarm panel systems.

Standards with which the alarm panel claims compliance.

Certification body: **Telefication B.V.**

EN 50131-1:2006+A1:2009
EN 50131-3:2009
EN 50131-5-3:2005+A1:2008
EN 50131-6:2008+A1:2014
EN 50131-10:2014
EN 50136-2:2013

Certification body: **ANPI**

INCERT TO31 2014 edition

Security level: Level 2

Environmental class: Class II

If the alarm panel has been installed correctly, the Secvest will be compliant with EN 50131 Grade 2.

The Secvest is compliant with EN 50131-1 and EN 50130-5 environmental class II.

Power supply is compliant with EN 50131-1:2006+A1 2009 Section 9 and EN 50131-6:2008+A1:2014 if the alarm panel has been installed correctly.

The alarm transmission system (ATS) is compliant with EN 50136-1:2012 as an SP2 communicator.

At Grade 2 the integrated SP2 communicator provides a compliant communicator for the Secvest on the condition that

a) it is installed as specified in the installation instructions
b) the connected PSTN, LAN and GSM/wireless mobile work normally,
c) the alarm receiving centre has the right equipment.

The wireless mobile module (for Types see Technical Data -> Communication) can be used as an optional communicator for Grade 2.

S/W >3.00.06

	Option 1	Variant 2
TE Primary Network Interface	Communicator	mobile communication module, mobile radio module, cellular module, mobile service module, cellular module

TE Replacement Network Interface	mobile communication module, mobile radio module, cellular module, mobile service module, cellular module	Communicator

The alarm panel supports options A, B and C for grade 2 as given in Table 10 in EN 50131-1:2006+A1:2009

If the installer selects a non-compliant configuration the compliance label must be removed or corrected.

Third party verification of compliance was carried out by ANPI and Telefication B.V.

Compatible equipment

Radio devices

Name	Article no	Note
Detectors		
Opening detector CC (brown)	FUMK50000B	
Opening detector CC (white)	FUMK50000W	
Opening detector FSL (brown)	FUMK50010B	
Opening detector FSL (white)	FUMK50010W	
Additional door lock with rotary knob 7010 E (brown)	FUFT50010B	
Additional door lock with rotary knob 7010 E (silver)	FUFT50010S	
Additional door lock with rotary knob 7010 E (white)	FUFT50010W	
Additional door lock with rotary knob 7010 E (brown)	FUFT50011B	
Additional door lock with rotary knob 7010 E (silver)	FUFT50011S	
Additional door lock with rotary knob 7010 E (white)	FUFT50011W	
Additional door lock with inner cylinder 7025 E (brown)	FUFT50020B	
Additional door lock with inner cylinder 7025 E (silver)	FUFT50020S	
Additional door lock with inner cylinder 7025 E (white)	FUFT50020W	
Additional door lock with inner cylinder 7025 E (brown)	FUFT50021B	
Additional door lock with inner cylinder 7025 E (silver)	FUFT50021S	
Additional door lock with inner cylinder 7025 E (white)	FUFT50021W	
Mini opening detector (brown)	FUMK50020B	
Mini opening detector (silver)	FUMK50020S	
Mini opening detector (white)	FUMK50020W	
Narrow opening detector (white)	FUMK50030W	
Narrow opening detector (white)	FUMK50031W	
Window lock FTS 96 E – AL0089 (brown)	FUFT50000B	
Window lock FTS 96 E – AL0089 (white)	FUFT50000W	
Window lock FTS 96 E – AL0125 (brown)	FUFT50001B	
Window lock FTS 96 E – AL0125 (white)	FUFT50001W	
Window lock FTS 96 E – AL0145 (brown)	FUFT50002B	
Window lock FTS 96 E – AL0145 (white)	FUFT50002W	
Upgrade kit for FTS 96 (brown)	FUFT50008B	
Upgrade kit for FTS 96 (white)	FUFT50008W	
Window handle FG 350 E (brown)	FUFT50040B	
Window handle FG 350 E (silver)	FUFT50040S	
Window handle FG 350 E (white)	FUFT50040W	
Window bar lock FOS 550 E – AL0089 (brown)	FUFT50030B	
Window bar lock FOS 550 E – AL0089 (white)	FUFT50030W	
Window bar lock FOS 550 E – AL0125 (brown)	FUFT50031B	
Window bar lock FOS 550 E – AL0125 (white)	FUFT50031W	
Window bar lock FOS 550 E – AL0145 (brown)	FUFT50032B	
Window bar lock FOS 550 E – AL0145 (white)	FUFT50032W	
Upgrade kit for FOS 550 E – AL0089 (brown)	FUFT50036B	
Upgrade kit for FOS 550 E – AL0089 (white)	FUFT50036W	
Upgrade kit for FOS 550 E – AL0125 (brown)	FUFT50037B	
Upgrade kit for FOS 550 E – AL0125 (white)	FUFT50037W	
Upgrade kit for FOS 550 E – AL0145 (brown)	FUFT50038B	
Upgrade kit for FOS 550 E – AL0145 (white)	FUFT50038W	
Window handle lock FO 400 E – AL0089 (brown)	FUFT50050B	
Window handle lock FO 400 E – AL0089 (white)	FUFT50050W	
Window handle lock FO 400 E – AL0125 (brown)	FUFT50051B	

Window handle lock FO 400 E – AL0125 (white)	FUFT50051W	
Upgrade kit for FO 400	FUFT50058	
PIR motion sensor	FUBW50000	
Motion detector (PET)	FUBW50010	
Outdoor motion detector	FUBW50020 FUBW50021 FUBW50022	
Smoke alarm	FURM50000	
Glass breakage detector	FUGB50000	
Shock detector	FUEM50000	
Flood detector	FUWM50000	
Panic alarm button	FUAT50010	Hold up detector
Fire alarm button	FUAT50020	
Control panels		
Control panel	FUBE50000	Activate/deactivate (arming/disarming)
Control panel with RC	FUBE50001	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Key switch	FUBE50060	Activate/deactivate (arming/disarming)
Key switch with RC	FUBE50061	Activate/deactivate (arming/disarming) S/W >= V2.00.06
External Sirens		
Outdoor siren	FUSG50000	
Outdoor siren	FUSG50100	Sirens S/W 1.8 Note: Cannot be repeated.
Outdoor siren	FUSG50101	Sirens S/W >= 1.10
Indoor sounder		
Indoor sounder	FUSG50110	S/W >=3.00.05
Info modules/internal sirens		
Information module	FUMO50030	
Indoor siren	FUSG50010	
WAM		
Wireless universal module (WUM)	FUMO50020	
Door locks		
Additional door lock with rotary knob 7010 E (brown)	FUFT50010B	Activate/deactivate (arming/disarming)
Additional door lock with rotary knob 7010 E (silver)	FUFT50010S	Activate/deactivate (arming/disarming)
Additional door lock with rotary knob 7010 E (white)	FUFT50010W	Activate/deactivate (arming/disarming)
Additional door lock with rotary knob 7010 E (brown) with RC	FUFT50011B	Activate/deactivate (arming/disarming) S/W >= V2.00.06

Additional door lock with rotary knob 7010 E (silver) with RC	FUFT50011S	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Additional door lock with rotary knob 7010 E (white) with RC	FUFT50011W	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Additional door lock with inner cylinder 7025 E (brown)	FUFT50020B	Activate/deactivate (arming/disarming)
Additional door lock with inner cylinder 7025 E (silver)	FUFT50020S	Activate/deactivate (arming/disarming)
Additional door lock with inner cylinder 7025 E (white)	FUFT50020W	Activate/deactivate (arming/disarming)
Additional door lock with inner cylinder 7025 E (brown) with RC	FUFT50021B	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Additional door lock with inner cylinder 7025 E (silver) with RC	FUFT50021S	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Additional door lock with inner cylinder 7025 E (white) with RC	FUFT50021W	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Secvest key	FUSK5xxxx	Activate/deactivate (arming/disarming)
Secvest key with RC	FUKE53030-58080	Activate/deactivate (arming/disarming) S/W >= V2.00.06
RF repeater		
Repeater module Secvest	FUMO50010	S/W >= V2.01.08
Hybrid Module		
Secvest hybrid module	FUMO50110	S/W >= V3.01.14
Outputs		
Socket	FUHA50010	
Prox Tag		
Proximity keyfob	FUBE50020	Activate/deactivate (arming/disarming)
Remote controls		
Remote control	FUBE50010 FUBE50011 FUBE50012 FUBE50013	Activate/deactivate (arming/disarming)
Remote control with RC	FUBE50014 FUBE50015	Activate/deactivate (arming/disarming) S/W >= V2.00.06
Hold up pendant		
Emergency buttons	FUAT50000	Panic alarm button:
Medical emergency call transmitter		
Emergency buttons	FUAT50000	

Nursing emergency call transmitter		
Emergency buttons	FUAT50000	
Test devices		
Test box	FU3801	

Wired components, accessories

Name	Article no	Note
Camera TVIP41550		
PIR network camera	TVIP41550	
IP cameras		
Internal IP Dome IR 3MPx	IPCA33500	S/W >= V1.01.00
IP Boxtype 2 MPx (1080p, 3 × WDR)	IPCA52010	
Universal IP Boxtype 3MPx	IPCA53000	S/W >= V1.01.00
IP Boxtype 8 MPx (4K, 3 × WDR)	IPCA58000	
IP Tube 2 MPx (1080p, 3–9 mm, 3 × WDR)	IPCA62510	
IP Tube 2 MPx (1080p, 5–50 mm, 3 × WDR)	IPCA62515	
Outdoor IP Tube IR Ultra Low-Light 1080p	IPCA62520	S/W >= V1.01.00
Outdoor IP Tube IR 3MPx	IPCA63500	S/W >= V1.01.00
Outdoor IP Tube IR 6MPx	IPCA66500	S/W >= V1.01.00
IP Tube 8 MPx (4K, 4.3–8.6 mm, 3 × WDR)	IPCA68500	
IP Dome 2 MPx (1080p, 3–9 mm, 3 × WDR)	IPCA72510	
IP Dome 2 MPx (1080p, 5–50 m, 3 × WDR)	IPCA72515	
Outdoor IP Dome IR Ultra Low-Light 1080p	IPCA72520	S/W >= V1.01.00
Outdoor IP Dome IR 3MPx	IPCA73500	S/W >= V1.01.00
Outdoor IP Dome IR 6MPx	IPCA76500	S/W >= V1.01.00
IP Dome 8 MPx (4K, 4.3–8.6 mm, 3 × WDR)	IPCA78500	
Outdoor IP Mini Dome IR 1080p	IPCB42500 IPCB42501	S/W >= V1.01.00
IP Mini Dome 2 MPx (1080p, 2.8 mm)	IPCB42510A	
IP Mini Dome 2 MPx (1080p, 4 mm)	IPCB42510B	
IP Mini Dome 2 MPx (1080p, 6 mm)	IPCB42510C	
IP Mini Dome Wi-Fi 2 MPx (1080p, 2.8 mm)	IPCB42515A	
Outdoor IP Mini Dome IR Wi-Fi 1080p	IPCB42550 IPCB42551	S/W >= V1.01.00
IP Mini Dome 4 MPx (2.8 mm)	IPCB44510A	
IP Mini Dome 4 MPx (4 mm)	IPCB44510B	
IP Mini Dome 4 MPx (6 mm)	IPCB44510C	
Universal IP Mini Tube IR 1080p	IPCB62500	S/W >= V1.01.00
IP Mini Tube 2 MPx (1080p, 2.8 mm)	IPCB62510A	
IP Mini Tube 2 MPx (1080p, 4 mm)	IPCB62510B	
IP Mini Tube 2 MPx (1080p, 6 mm)	IPCB62510C	
IP Tube 2 MPx (1080p, 2.8–12 mm)	IPCB62520	
IP Mini Tube 4 MPx (2.8 mm)	IPCB64510A	
IP Mini Tube 4 MPx (4 mm)	IPCB64510B	
IP Mini Tube 4 MPx (6 mm)	IPCB64510C	
IP Tube 4 MPx (2.8–12 mm)	IPCB64520	
IP Mini Tube 8 MPx (4K, 2.8 mm)	IPCB68510A	
IP Mini Tube 8 MPx (4K, 4 mm)	IPCB68510B	
IP Mini Tube 8 MPx (4K, 6 mm)	IPCB68510C	
IP Tube 8 MPx (4K, 2.8–12 mm)	IPCB68520	

Universal IP Dome IR 720p	IPCB71500	S/W >= V1.01.00
Universal IP Dome IR 1080p	IPCB72500 IPCB72501	S/W >= V1.01.00
IP Dome 2 MPx (1080p, 2.8 mm)	IPCB72515A	
IP Dome 2 MPx (1080p, 2.8–12 mm)	IPCB72520	
IP Dome 4 MPx (4 mm)	IPCB74515B	
IP Dome 4 MPx (2.8–12 mm)	IPCB74520	
IP Dome 8 MPx (4K, 2.8 mm)	IPCB78515A	
IP Dome 8 MPx (4K, 2.8–12 mm)	IPCB78520	
Dual Flex Encoder	IPCS10020	
Ultra-Low-Light IP Tube IR 1080p	IPCS62520	S/W >= V1.01.00
Ultra-Low-Light IP Dome IR 1080p	IPCS72520	S/W >= V1.01.00
IP PTZ 2 MPx (1080p, 20x)	IPCS82500	
IP PTZ 2 MPx (1080p, 23x, Ultra Low-Light)	IPCS82520	
IP PTZ 3 MPx (36x)	IPCS83500	
IP Mini PTZ 4 MPx (4x)	IPCS84510	
IP Video Surveillance 2 MPx Wi-Fi Indoor Compact Camera	TVIP11560 TVIP11561	
Wi-Fi HD 720p Pan/Tilt Indoor Camera	TVIP21560	
IR HD 720p Network Outdoor Dome Camera	TVIP41500	
Wi-Fi HD 720p outdoor dome camera	TVIP41560	
Wi-Fi HD 720p PTZ Dome Camera	TVIP41660	
ABUS IP Video Surveillance 2 MPx Wi-Fi Mini Dome Camera	TVIP42560	
WDR Day/Night HD 1080p Network Camera	TVIP52502	
IR HD 720p Network Outdoor Camera	TVIP61500	
IR HD 720p WLAN Network Outdoor Camera	TVIP61550	
Wi-Fi HD 720p Outdoor Camera	TVIP61560	
ABUS IP Video Surveillance 2 MPx Wi-Fi Mini Tube Camera	TVIP62560	
Day/Night PTZ 720p Network Dome Camera	TVIP81000	
Day/Night PTZ 720p Network Outdoor Dome Camera	TVIP81100	
Day/Night PTZ 1080p Network Dome Camera	TVIP82000	
Day/Night PTZ 1080p Network Outdoor Dome Camera	TVIP82100	
Fisheye HD 1080p Network Indoor Camera	TVIP82900	
IP Fisheye 3 MPx	TVIP83900	
Outdoor Hemispheric IP Dome 6 MPx	TVIP86900	
Communication devices		
Wireless mobile module	FUMO50000	
Wireless mobile module	FUMO50001	S/W >= V1.01.00
Wireless mobile module	ESMO50000	S/W >= V3.00.05
Mobile antenna	AZ6310W	
SIM card		Standard SIM 1.8 V/3.0 V

		Micro SIM FUMO50001 ESMO50000
WiFi adapter	FUMO50040	Ethernet <-> WiFi
External PSU		
Power supply unit 13.8 V/1.7 A	AZZU10000 AZZU10030 FU3819	
High power supply unit 13.8 V/2 A	TVAC35500	
High power supply unit 13.8 V/3 A	TVAC35510	
High power supply unit 13.8 V/5 A	TVAC35520	
Backup power supply		
Backup battery 7.4 V/2500 mAh	FUBT50000	
SD card		
Micro SD 4 GB storage card	TVAC40970	4 GB Micro SDHC
Touch Cover		
Individual Secvest Touch Cover	FUZU50000	S/W >= 2.01.08

Wired components that fulfil the electrical specification of the corresponding connections (zones, outputs, inputs).

Software for operation, control and communication

Name	Article no	Note
Browser		
IE8		IE7 and older are NOT compatible
Firefox		
Chrome		
Safari		
App		
Secvest APP (iOS)	APP50000	Version 2.3.1 2.1.1 2.1.0 2.0.1 1.3.5 1.3.1 1.2.5 1.2.2 1.1.7 1.1.2 iOS 10 or later iPhone, iPad, iPod touch
Secvest APP (Android)	APP50200	Version 2.3.1 2.1.1 2.1.0 2.0.1 1.3.40 1.3.38 1.3.1 1.2.1 1.1.6 Android 5.0 (Lollipop) or later
Update S/W		
Secvest Update Utility		Version 1.02.05 or later

HW default values/factory defaults

In the default settings, a jumper is connected between the TR (tamper return) connection and 0 V as well as the TRB (trouble) connection and 0 V.

This means there is no fault indication (tamper/fault) if no wired sounder is connected.

SW default values/factory defaults

Note

The Secvest alarm control panel meets the requirements of EN50131 if the default values are retained while taking the note into account. If you change these settings, the installation may no longer be compliant. If the Secvest alarm control panel is no longer compliant with EN30131, you must remove all markings suggesting it is compliant.

Installer Mode

MENU option	Default settings Default values	Comments
1. COMPONENTS		
Detectors		
IP zones		
Add/Del Detectors		
Zone 1nn		Zone 101 to 103 Zone 101 to 106 (S/W 1.01.00 and later)
Device Type	IPCx Range	
Trigger Mode	External	
Trigger Events	No	Only appears if Trigger Mode = "External" or "Int. + Ext."
Camera Action	Videos No Pictures Yes	Appears for IPCx range only
Trigger Partitions	Partition 1 Yes Partition 2 Yes Partition 3 Yes Partition 4 Yes All partitions Yes	Only appears if Trigger Mode = "External" or "Int. + Ext."
IP address	Empty	
HTTP Port Internal	80	
HTTP Port External	Empty	
RTSP Port Internal	554	
RTSP Port External	Empty	
User name	Empty	
Password	Empty	
Reaction time	20 s	Range of 1 s to 99 s
Edit Zones		
Name	Zone 10x	Zone 101 to 103 Zone 101 to 106 (S/W 1.01.00 and later)
Type	Not used	

<table>
<tr><td>Partitions</td><td>None</td><td>Only appears if the zone type is not set to "Not Used".</td></tr>
<tr><td>Attributes</td><td>None
<table><tr><td>Part Set</td><td>Off</td></tr><tr><td>Chime</td><td>Off</td></tr><tr><td>Soak Test</td><td>Off</td></tr><tr><td>Activity Mon.</td><td>Off</td></tr><tr><td>Force Set Omit</td><td>Off</td></tr><tr><td>Dis. Sabotage</td><td>Off</td></tr><tr><td>Omittable</td><td>Off</td></tr><tr><td>Inverted</td><td>Off</td></tr><tr><td>Supervision</td><td>On</td></tr></table></td><td>Only appears if the zone was given a type that was not "Not Used". Some attributes are only available for certain zone types.</td></tr>
<tr><td>Delete All</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Wireless Zones</td><td></td><td></td></tr>
<tr><td>Add/Del Detectors</td><td></td><td></td></tr>
<tr><td>Zone 2nn</td><td></td><td>Zone 201 to 248</td></tr>
<tr><td>Edit Zones</td><td></td><td></td></tr>
<tr><td>Name</td><td>Zone 2xy</td><td>Zone 201 to 248</td></tr>
<tr><td>Type</td><td>Not used</td><td></td></tr>
<tr><td>Partitions</td><td>None</td><td>Only appears if the zone type is not set to "Not Used".</td></tr>
<tr><td>Attributes</td><td>None
<table><tr><td>Part Set</td><td>Off</td></tr><tr><td>Chime</td><td>Off</td></tr><tr><td>Soak Test</td><td>Off</td></tr><tr><td>Activity Mon.</td><td>Off</td></tr><tr><td>Force Set Omit</td><td>Off</td></tr><tr><td>Dis. Sabotage</td><td>Off</td></tr><tr><td>Omittable</td><td>Off</td></tr><tr><td>Supervision
S/W >=3.01.16</td><td>On</td></tr></table></td><td>Only appears if the zone was given a type that was not "Not Used". Some attributes are only available for certain zone types.</td></tr>
<tr><td>Delete All</td><td></td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>Wired Zones</td><td></td><td></td></tr>
<tr><td>Edit Zones</td><td></td><td></td></tr>
<tr><td>Name</td><td>Zone 30x</td><td>Zone 301 to 304</td></tr>
<tr><td>Type</td><td>Not used</td><td></td></tr>
<tr><td>Partitions</td><td>None</td><td>Only appears if the zone type is not set to "Not Used".</td></tr>
<tr><td>Attributes</td><td>None
<table><tr><td>Part Set</td><td>Off</td></tr><tr><td>Chime</td><td>Off</td></tr><tr><td>Soak Test</td><td>Off</td></tr><tr><td>Activity Mon.</td><td>Off</td></tr><tr><td>Force Set Omit</td><td>Off</td></tr><tr><td>Dis. Sabotage</td><td>Off</td></tr><tr><td>Omittable</td><td>Off</td></tr><tr><td>Inverted</td><td>Off</td></tr></table></td><td>Only appears if the zone was given a type that was not "Not Used". Some attributes are only available for certain zone types.</td></tr>
<tr><td>Delete All</td><td></td><td></td></tr>
</table>

HyMo zones		
Edit Zones		
Name	Zone 40x	Zone 401 to 420
Type	Not used	
Partitions	None	Only appears if the zone type is not set to "Not Used".
Attributes	None Part Set: Off Chime: Off Soak Test: Off Activity Mon.: Off Force Set Omit: Off Dis. Sabotage: Off Omittable: Off Inverted: Off	Only appears if the zone was given a type that was not "Not Used". Some attributes are only available for certain zone types.
Delete All		
Wireless control panel		
Add/Del Ctrl Dev		
Ctrl Dev 0n		Ctrl Dev 01 to 08
Edit Ctrl Device		
Name	Ctrl Dev 0x	Ctrl Dev 01 to 08
Partitions	Partition 1-4: Yes All partitions: Yes	
Button C	Part set	
Instant Set	Yes	
Delete All		
External Sirens		
Wireless sirens		
Add/Del Siren		
Wireless Siren 0n		Wireless Siren 01 to 04
Edit Siren		
Name	Wireless Siren 0n	Wireless Siren 01 to 04
Partitions	Partition 1-4: Yes All partitions: Yes	
Delete All		
Wired Sirens		
Wired SRN 01		
Name	Wired SRN 01	
Indoor sounder		
Add/delete		
Indoor sounder 0n		Indoor sounder 01 to 04
Edit		
Name	Indoor sounder 0n	Indoor sounder 01 to 04
Partitions	Partition 1: Yes Partition 2-4: No	

	All partitions: No	
Delete All		
Indoor sirens/Info module		
Add Panel		
Updates	Disabled	
Ready-to-Set LED	Disabled	
WAM		
Add/Del WAM		
WAM 0n		WAM 01 to 08
Edit WAM		
Name	UVM 0x	WAM 01 to 08
Mode		
Delete All		
Door locks		
Add/Del Door Lock		
Door Lock 0n		Door Lock 01 to 08
Edit Door Lock		
Name	Door Lock 0x	Door Lock 01 to 08
Partitions	Partition 1-4: Yes All partitions: Yes	
Disabled after breaking and entering	Yes	S/W >= 3.01.16
Delete All		
RF repeater		
Add/delete RF repeater		
RF repeater1 to 4		RF repeater1 to 4
Edit Door Lock		
Name	RF repeater1 to 4	RF repeater1 to 4
Repeat alarm panel	No	
Repeat detectors	No	After a repeater has been added, all taught-in detectors of the alarm panel will appear.
Repeat wireless control panel	No	After a repeater has been added, all taught-in wireless control panels of the alarm panel will appear.
Repeat indoor sounder	No	After a repeater has been added, all taught-in indoor sounders for the alarm panel will appear.
Repeat outdoor sirens	No	After a repeater has been added, all taught-in external sirens of the alarm panel will appear.
Repeat door locks	No	After a repeater has been added, all taught-in door locks of the alarm panel will appear.

Repeat HyMo	No	After a repeater has been added, all taught-in hybrid modules for the alarm panel will appear.
Delete All		
Hybrid module		
Add/delete		
HyMo n		Hybrid module 1 to 2
Edit		
Name	HyMo x	Hybrid module 1 to 2
Partitions	Partition 1-4: Yes All partitions: Yes	
Wired Zone Type	2-wire FSL 2K2/4K7	
Loudspeaker options		
Partitions	Partition 1-4: Yes All partitions: Yes	
Delete All		
2. OUTPUTS		
Radio Outputs		
Add Outputs		
Output 2nn		Output 201 to 232
Edit Outputs		
Name	Output 2nn	Output 201 to 232
Type	Not used	
Polarity	Normal	
Partitions	Partition 1-4: Yes All partitions: Yes	
Delete All		
Wired Outputs		
Edit Outputs		
Name	Output 3nn	Output 301 to 304
Type	Not used	
Polarity	Normal	
Partitions	Partition 1-4: Yes All partitions: Yes	
Delete All		
HyMo outputs		
Edit Outputs		
Name	Output 40n	Output 401 to 408
Type	Not used	
Polarity	Normal	
Partitions	Partition 1-4: Yes All partitions: Yes	
Delete All		

Combination outputs		
Combination outputs 1–10		
Mode	One (OR)	
Inputs 1–10	Not used	
3. PARTITIONS		
Partition 1-4		
Name	Partition n	Partition 1 to 4
Complete arming		
Output Mode	Timed Set	
Exit Time	40 seconds	Only appears if the "Timed Set" or "Silent Set" Output Mode is set.
Settle Time	15 Seconds	Only appears if the "Final Door Set", "Lock Set" or "Cancel Exit Delay" Output Mode is set.
Entry Time	40 seconds	To fulfil EN50131-1 Clause 8.3.8.2, maximum of 45 s
Alarm Response	Siren + Comms	Internal alarm included
Siren delay	0 minutes	
Ext. Siren Time	15 minutes 3 minutes when country = Germany	To fulfil EN 50131-1 Clause 8.6, minimum 90 s, maximum 15 min.
Strobe on Set	Off	This setting is required to fulfil EN 50131.
Strobe on Unset	Off	
Beep on Set	Off	This setting is required to fulfil EN 50131.
Beep on Unset	Off	
Int. Siren Time	Endless	
Part set		
Output Mode	Instant Set	
Exit Time	40 seconds	Only appears if the "Timed Set" or "Silent Set" Output Mode is set.
Settle Time	15 Seconds	Only appears if the "Final Door Set", "Lock Set" or "Cancel Exit Delay" Output Mode is set
Entry Time	40 seconds	To fulfil EN50131-1 Clause 8.3.8.2, maximum of 45 s
Alarm Response	Siren	Internal alarm included This setting is required to fulfil EN 50131.
Siren delay	0 minutes	
Ext. Siren Time	15 minutes 3 minutes when country = Germany	To fulfil EN 50131-1 Clause 8.6, minimum 90 s, maximum 15 min.
Pt.Set Final Exit	Final Door	
Pt.Set Entry Route	Entry Route	
Strobe on Set	Off	This setting is required to fulfil EN 50131.

Strobe on Unset	Off	
Beep on Set	Off	This setting is required to fulfil EN 50131.
Beep on Unset	Off	
Int. Siren Time	Endless	
Deactivated		S/W >=2.00.00
Alarm Response	Siren + Comms	Internal alarm included
Siren delay	0 minutes	
Ext. Siren Time	15 minutes 3 minutes when country = Germany	To fulfil EN 50131-1 Clause 8.6, minimum 90 s, maximum 15 min.
Int. Siren Time	Endless	
Panic response:	Silent (S/W >=2.00.00) Acoustic (S/W < 2.00.00)	
Full set link	Partition 2-4: No All partitions: No	Partition 1 is a common partition.
4. SYSTEM		
General		
Language	English	This value depends on how you answer the language question during initial commissioning.
Display Text	Secvest	
Restore defaults		
Default settings		
Country defaults		Only appears as part of the factory-default process.
Mains Fault		
A/C Fault Reporting	On	This setting is required to fulfil EN 50131.
A/C Fail delay	0 minutes	This setting is required to fulfil EN 50131.
Ext. notification DC fault	On	This setting is required to fulfil EN 50131.
Ext. delay DC fault	0 minutes	This setting is required to fulfil EN 50131.
Installer details		
Installer Name		This value depends on how you answer the "Access Code Length" and "New Installer Code" questions during initial commissioning.
Installer Code		This value depends on how you answer the "Access Code Length" and "New Installer Code" questions during initial commissioning.
Installer Tel No		
User access		
Record Memo	Yes	

Dual Key Function	No	
Social Care Key	No	
Omit All	Yes	
Quick Set	No	This setting is required to fulfil EN 50131.
Quick Omit	No	
User Code Req'd	Yes	This setting is required to fulfil EN 50131. EN 50131-1, Section 8.3.1 (with reference to EN 50131-3, Section 8.3.1)
2 Way Replies	Yes	
Remote Inst. Set	Yes	
Duress Enable	No	Switch to Yes for Duress Code use
User Reset		
Zone Alarms	Yes	This option only appears if the confirmation mode is set to "Basic".
Zone Tampers	Yes	For INCERT detection, set to NO.
System Tampers	No	For INCERT detection, set to NO.
Confirmation		
Confirmation mode		
Basic	Default for systems apart from the UK	This value depends on how you answer the "Country defaults" question during initial commissioning.
DD243		
BS8243	Default for UK systems if the UK is chosen as the country.	This value depends on how you answer the "Country defaults" question during initial commissioning.
Confirmation time	30 minutes	Visible for DD243 or BS8243. Can be set to between 1 and 60 minutes. Ensure that only one value of 30 minutes or more is compliant with DD243 or BS8243.
After Entry	1 Zone	Visible for DD243 or BS8243. The default setting is changed to 2 zones if the confirmation mode = DD243.
Entry Keypad Lock	Off	Visible for DD243 or BS8243.
Sounder On	Unconfirm	Visible for DD243, BS8243 and Basic.
Siren On	Unconfirm	Visible for DD243, BS8243 and Basic.
Unconfirmed Reset	User	Visible for DD243 or BS8243.
Confirmed Reset	Installer	Visible for DD243 or BS8243.
Hold Up Alarm confirmation time	8 hours	Only visible for BS8243. Must be between 8 and 20 hours to be compliant with BS8243:2010.
Tamp as Tamp-Only	Enabled	Visible for BS8243.
Hardware		
Wired Zone Type	2-wire FSL 2K2/4K7	This value depends on how you answer the "Wired Zone Type" question during initial commissioning.
RF Siren Options	Siren + Strobe	

Battery 2	Disabled	
SD Card		
GSM/mobile antenna	Internal	
Security		
Supervision	Fault Tamper when country = UK	"TAMPER" for UK to fulfil PD6662:2010
Jamming	Fault Tamper when country = UK	"TAMPER" for UK to fulfil PD6662:2010
Level4 updates	Disabled	
Tamper Omit	Disabled	This setting is required to fulfil EN 50131.
Force Set	Off	If Force Set is enabled, the system is not compliant with EN 50131.
Remote Unset Full Set	Always	
Remote Unset Part Set	Always	
Ctrl Device Unset Full Set	Always	
Ctrl Device Unset Part Set	Always	
Auto Rearm	Never	This setting is required to fulfil EN 50131. Only appears if the confirmation mode is set to "Basic".
Silence Alerts	User Code	
Abort time	120 seconds	
Siren Delay (Ben)	0 minutes	
Entry Alarm Delay	Enabled	This setting is required to fulfil EN 50131-1 8.3.8.2.
Broadcast Panel Status	No	
Panel upgrade		"V3.00.03 – Installed"
Checking for an upgrade?		Once the selection has been made, the alarm panel automatically checks whether a new software version is available on the ABUS FTP server.
Backup/restore		
Backing up config to the SD card		
Loading config from SD card		"Secvest—04-12-2017-0932.cfg"
Report		Only on web interface
5. COMMUNICATION		
Network		
Network Setup		
Web server	Enabled	
DHCP	On	
IP address	Empty	This option will only be displayed, S/W>=2.00.00 DHCP=off
IP Port Number	80	S/W <2.00.00

Internal HTTP port	80	
Internal HTTPS port	4433	
IP Subnet Mask	Empty	This option will only be displayed, S/W <2.00.00 if an IP address is entered. S/W>=2.00.00 DHCP=off
Gateway IP address	Empty	This option will only be displayed, S/W <2.00.00 if an IP address is entered. S/W>=2.00.00 DHCP=off
DNS primary IP address	Empty	This option will only be displayed, S/W <2.00.00 if an IP address is entered. S/W>=2.00.00 DHCP=off
DYNDNS ABUS Server		
Status	Enabled	
User name	Empty	
Password	Empty	
External Port	443	S/W <2.00.00
External HTTPS port	4433	
IP Mobile Setup		S/W >=3.01.01 This option is only displayed if a wireless mobile module is installed.
APN	Empty	
User name	Empty	
Password	Empty	
IP Gateway	Ethernet	
Email Setup		
Server Name	Empty	
Server IP port number	587	
Account	Empty	
User name	Empty	
Password	Empty	
SSL	Disabled	
VoIP Dialler Setup		
SIP Test Call		
Called SIP User ID	Empty	
Start Test		
SIP Server Name	Empty	S/W <2.00.00
SIP domain name	Empty	
SIP proxy	Empty	
SIP user ID	Empty	
SIP User Password	Empty	
SIP Port	5060	
RTP Port	10000	
RFC 2833 DTMF Detection	Enabled	
SIP Dialler Enable	Enabled	

<table>
<tr><td>ARC reporting</td><td></td><td></td></tr>
<tr><td>Call Mode</td><td>Single</td><td>"Single" or "Alternate" setting is required to be compliant with EN 50131.</td></tr>
<tr><td>Log</td><td>Fast Format</td><td></td></tr>
<tr><td>Telecoms Priority</td><td>Ethernet 2
PSTN 1</td><td></td></tr>
<tr><td>Receiver</td><td>None</td><td></td></tr>
<tr><td>Encryption</td><td>None</td><td></td></tr>
<tr><td>Account Numbers</td><td>Account number for partition 1: 000000
Account No P 2: 000000
Account No P 3: 000000
Account No P 4: 000000</td><td>One account number per partition</td></tr>
<tr><td>Fast Format channels</td><td>Channel 1: Fire
Channel 2: Panic alarm
Channel 3: Intruder alarm
Channel 4: Open/Close
Channel 5: Zone Omit (System)
Channel 6: Tamper
Channel 7: Confirmed Alarm
Channel 8: General Fault</td><td>Only appears if protocol = Fast Format</td></tr>
<tr><td>CID/SIA Events</td><td><table>
<tr><td>Fire</td><td>Yes</td></tr>
<tr><td>Panic alarm</td><td>Yes</td></tr>
<tr><td>Medical Alarm</td><td>Yes</td></tr>
<tr><td>Intruder alarm</td><td>Yes</td></tr>
<tr><td>Technical Alarm</td><td>No</td></tr>
<tr><td>Tampers</td><td>Yes</td></tr>
<tr><td>Set/Unset</td><td>Yes
See Note 2</td></tr>
<tr><td>Part set</td><td>Yes
See Note 2</td></tr>
<tr><td>Reset</td><td>Yes
See Note 2</td></tr>
<tr><td>Exit Timeout</td><td>Yes</td></tr>
<tr><td>Omit</td><td>Yes</td></tr>
<tr><td>Key Box</td><td>No</td></tr>
<tr><td>RF Supervision</td><td>Yes</td></tr>
<tr><td>RF Jamming</td><td>Yes
See Note 2</td></tr>
<tr><td>RF Battery/PSU</td><td>Yes
See Note 2</td></tr>
<tr><td>Panel Battery</td><td>Yes
See Note 2</td></tr>
<tr><td>Mains Fault</td><td>Yes
See Note 2</td></tr>
<tr><td>Faults</td><td>Yes
See Note 2</td></tr>
<tr><td>Installer Mode</td><td>Yes
See Note 2</td></tr>
<tr><td>User Code Chnge</td><td>Yes</td></tr>
<tr><td>Time/Date Reset</td><td>No</td></tr>
<tr><td>Camera supervision</td><td>No</td></tr>
</table></td><td>Notes:
1. Appears if protocol = CID or SIA.
2. This setting is required to fulfil EN 50131.</td></tr>
</table>

Restorals	Enabled	
Burg Comms Rearm	Enabled	Only appears if protocol = Fast Format AND if confirmation mode = "Basic"
21CN Ack Time	800 ms	Only appears if protocol = Fast Format.
Send Tamp As Burg	Disabled	Only appears if protocol = CID or SIA.
Dynamic Test Call	Enabled	Only appears if Static Test Call disabled
Stat. Test Call	Disabled	Only appears if Dynamic Test Call disabled. To be compliant with EN 50131, either the static or dynamic test call must be enabled.
Unset Comms	Enabled	
Emergency call		
Call Mode	Disabled	
Protocol	Scancom	
Telecoms Priority	PSTN 1	
Receiver	None	
Account Numbers	Account number for partition 1: 000000 Account No P 2: 000000 Account No P 3: 000000 Account No P 4: 000000	One account number per partition
Call Acknowledge	Enabled	
21CN Ack Time	800 ms	Only appears if protocol = Scancom or Scanfast
Voice dialler		
Call Mode	Disabled	
Telecoms Priority	Ethernet 2 PSTN 1	
Messages	None	
Event	None	
Message 1	Event 1: None Event 2: None Event 3: None Event 4: None Event 5: None	
Message 2	Event 1: None Event 2: None Event 3: None Event 4: None Event 5: None	
Message 3	Event 1: None Event 2: None Event 3: None Event 4: None Event 5: None	
Message 4	Event 1: None Event 2: None	

	Event 3: None Event 4: None Event 5: None	
Destinations	None	
Call Acknowledge	Enabled	
Stat. Test Call	Month, day: 1, hour: 12:00	
SMS		
Call Mode	Disabled	
Telecoms Priority	PSTN 1	
Messages	Empty	
Event	None	
PSTN SMS		
Protocol	ETSI Protocol 1	
Service Centre Tel.	1470,17094009	BT
Own Telephone No	Empty	Only appears if protocol = UCP
Destinations	None	
Stat. Test Call	Month, day: 1, hour: 12:00	
Email		
Call Mode	Disabled	
Telecoms Priority	Ethernet 1	
Messages	Empty	
Event	None	
Destinations	None	
Stat. Test Call	Month, day: 1, hour: 12:00	
Communication Options		
Line Fail Response	Ethernet = Audible PSTN = Audible IP mobile / mobile = Audible	
Line Fail Delay	Ethernet = 9 seconds PSTN = 9 seconds IP mobile / mobile = 9 seconds	This setting is required to fulfil EN 50131. IP mobile only visible if a wireless mobile module is installed. Value range: 0 to 60 seconds
Remote Control by Phone		
Call-out control	Off	
Call-in control	Off	
Rings to Answer	5 rings	Only appears if Call-in control = on
Answer after first ring	Off	Only appears if Call-in control = on
GSM/mobile without out-side dialling	No	Only appears when a wireless mo-bile module is installed.
Contacts		
Recipient A-L		
Name	Recipient A-L	
Partitions	1-4	S/W >= 2.00.00

Voice /SMS/Email	Deactivated: Yes Activated: Yes Part set: Yes	S/W >= 3.01.01
Tel. no 1	Empty	
Tel No 2	Empty	
Email	Empty	
IP address	Empty	
SIP user ID	Empty	
6. EMERGENCY CALL		
Start Monitoring Hr	08:00 (hh:mm)	
End Monitoring Hr	20:00 (hh:mm)	
Monitoring Interval	4 hours	
Volume	Alarm control panel – medium, web – 5	
7. TEST		
Walk Test	No Zones in use	
Keypad		
Sirens & Sounders		
Int.Sirens	Off	
Ext. Wireless sirens	No Devices!	
Sounder Module	No Devices!	
Loudspeaker	Stopped	
Wireless control panel		
Door locks	No Devices!	
Signal Strengths		
Detectors	No detectors	
Wireless control panel	No Devices!	
External Sirens	No Devices!	
Indoor sounder	No Devices!	
WAM	No Devices!	
Door locks	No Devices!	
Hybrid module	No Devices!	
RF repeater	No Devices!	
RF repeater components	No Devices!	
Outputs		
Radio Outputs	No Outputs Available	
Wired Outputs	No Outputs Available	
Prox Tag	No Prox Tags learnt	
Remote controls	No Remotes Learnt	
Emergency buttons	No Pendants Learnt	
ARC reporting		
Ethernet	No Recipients!	
PSTN	No Recipients!	

GSM/mobile	No Recipients!	Only appears when a wireless mobile module is installed.
Voice dialler	Comms not enabled	
SMS	Comms not enabled	
Email	Comms not enabled	
Zone Resistances	No Zones in use	
Panel PSU		
Ext. DC voltage in	e.g. 14.2 volts	Voltage value only appears if an external PSU is connected.
Panel Battery 1	e.g. 8.3 volts	
Panel Battery 2	e.g. 0.1 volts	
Aux. Voltage Out	e.g. 13.9 volts	
HyMo PSU		
	No Devices!	
8. LOG		
All Events		
Mandatory Events		
Non-Mand. Events		
Save		Only available on the WEB interface
Print		Only available on the WEB interface
9. INFO		
Alarm panel		
Version		Shows S/W version, S/N, Part No. and Language.
Customisation		Shows code for customer-specific alarm control panel adjustment.
Communication		
PSTN		
GSM/mobile		Only appears when a wireless mobile module is installed.
Network		Shows mobile network provider and SS (signal strength)
IMEI		
Subscriber Number		
IMSI		
Version	e.g. 13.210.11.07.00	Modem firmware from wireless mobile module
Reset		
Ethernet		
IP address		
IP Subnet Mask		
Gateway IP address		
DNS primary IP address		

MAC address		
IP Link Status		
Hybrid module		
	No Devices!	

User menu

MENU option	Default settings Default values	Comments
1. USER		
Add User		Only visible to the administrator
Edit User		
"User 001"		Cannot be deleted
Name		This value depends on how you answer the "Access Code Length" and "Administrator Code" questions during initial start-up.
Type	Administrator	
Partitions	1-4	
Code		This value depends on how you answer the "Access Code Length" and "Administrator Code" questions during initial start-up.
Prox Tag	None	
Remote control	None	
Panic alarm	None	
Medical emergency call transmitter	None	
Nursing emergency call transmitter	None	
Delete User		Only visible to the administrator
2. VOICE MEMO		
Recording		Maximum recording time = 30 s
Playback	None	
Delete Message		
3. OMIT ZONES		
	No Zones Omittable	
4. OUTPUTS ON/OFF		Only appears if the installer has set the outputs to "User Defined".
5. CONFIGURATION		
Functions		**Keypad front**
Bell	On	
Voice message	On	
Activity monitor	Off	
Display contrast	100%	

Backlighting brightness	High	
LCD backlighting	On	
Backlighting for menu keys	Off	
Backlighting for arm keys	Off	
Backlighting for number keys	Off	
Zone name announcement		Maximum recording time = 2 seconds for each zone
Enabled	Off	
IP zones	Recording Playback: None Delete Message	Zone 101 to 106
Wireless Zones	Recording Playback: None Delete Message	Zone 201 to 248
Wired Zones	Recording Playback: None Delete Message	Zone 301 to 304
Restart Panel		Only visible to the administrator and if: • No communication is taking place at the time • Alarm control panel is unset.
Keypad tones	On	SW >= 2.01.08
Functions		**Touch Cover,** SW >= 2.01.08
Bell	On	
Voice message	On	
Activity monitor	Off	
Display contrast	100%	
Backlighting brightness	High	
Backlighting	When active	
Zone name announcement		Maximum recording time = 2 seconds for each zone
Enabled	Off	
IP zones	Recording Playback: None Delete Message	Zone 101 to 106
Wireless Zones	Recording Playback: None Delete Message	Zone 201 to 248
Wired Zones	Recording Playback: None Delete Message	Zone 301 to 304
Restart Panel		Only visible to the administrator and if: • No communication is taking place at the time • Alarm control panel is unset.
Keypad tones	On	
Dynamic backlighting	On	

Cleaning mode	On	
Date & time		Only visible to the administrator
SNTP Time sync.		
SNTP Time sync.	Off	
Manual mode		
Set date	01/01/2015	
Set time	00:00 (hh:mm)	
SUMMER/WINTER	Automatic	
Edit Outputs		Only visible to the administrator and only appears if the installer has set the outputs to "User Defined".
Remote controls	None	Only visible to the administrator
Volume Settings		Only visible to the administrator
Operator Sounds	5	
Info tones:	5	
Alarm tones:	10	
Speech Volume	50%	
Message Volume	33%	
Web Access	Enabled	Only visible to the administrator
Level4 updates	Disabled	Only visible to the administrator
Time schedules active/inactive:		Only visible to the administrator
Enabled	No	
Week Planner		Events: 160 Exceptions: 20
Push notification	None	
6. CONTACTS		Only visible to the administrator
Recipient A-L		
Name	Recipient A-L	
Tel No 1	Empty	
Tel. no 2	Empty	
Email	Empty	
IP address	Empty	
SIP User ID	Empty	
7. TEST		Only visible to the administrator
Walk Test	No Zones in use	
Sirens & Sounders		
Int.Sirens	Off	
Ext. Wireless sirens	No Devices!	
Sounder Module	No Devices!	
Loudspeaker	Stopped	
Door locks	No Devices!	
Outputs	No Outputs Available	

Prox Tag	No Prox Tags learnt	
Remote controls	No Remotes Learnt	
Emergency buttons	No Pendants Learnt	
Telephone call	Empty	
8. LOG		
9. INFO		Only visible to the administrator
Alarm panel		
Version		Shows S/W version, S/N, Part No. and Language.
Communication		
PSTN		
GSM/mobile		Only appears when a wireless mobile module is installed.
Network		Shows mobile network provider and SS (signal strength)
IMEI		
Subscriber Number		
IMSI		
Version	e.g. 13.210.11.07.00	Modem firmware from wireless mobile module
Reset		
Ethernet		
IP address		
IP Subnet Mask		
Gateway IP address		
DNS primary IP address		
MAC address		
IP Link Status		

Start Wizard

LANGUAGE
UPGRADE PANEL APPLICATION
COUNTRY DEFAULTS
Set date
Set time
SUMMER/WINTER TIME
- Automatic (default setting)
- Manual

A/C FAULT NOTIFICATION
- OFF
- ON (default setting)

EXT DC FAULT NOTIFICATION
- OFF
- ON (default setting)

BATTERY 2
WIRED ZONE TYPE
WEB SERVER
- Disabled
- Released (default setting)

DHCP
- Off
  - If OFF is selected
    - IP ADDRESS
    - IP SUBNET MASK
    - GATEWAY IP ADDRESS
    - DNS PRIMARY IP ADDRESS
- On (default setting)

INTERNAL HTTP PORT
OVERVIEW
CALL MODE (ARC/ REPORTING)
- Disabled
- Single (Standard setting *due to the requirements of EN 50131*)
- Alternate

ACCESS CODE LENGTH

Note

You can delete all users with the help of the this menu.
For further information, please refer to the instructions under System -> Security-> 6 digit user code.

INSTALLER CODE
CONFIRMATION OF INSTALLER CODE
ADMIN USER CODE
CONFIRMATION OF ADMIN USER CODE
LOGIN
Information on the display:
"Please check whether new software is available."
Information on the display:
For using secure codes.
Information on the display:
Certificate creation
Standby display (with date and time)

Acoustic signal tones

The alarm panel is able to generate a wide range of acoustic signal tones. On components such as the control panel, indoor siren/info module, indoor sounder and loudspeaker on the hybrid module, these are similar to the alarm tones, info tones and operating sounds of the wireless alarm panel.

The following table shows an overview of the signal tones and their group assignment.

Signal tones	Meaning
Alarm tones:	Breaking and entering/intrusion
	Fire
	Medical alarm
	Emergency call
Info tones:	Chime
	Exit tone E.g.: Long continuous beep (beeeeeeeeeeeep): During the exit delay time. All zones closed, the alarm panel is activated after the delay time has expired.
	Exit tone in the event of a fault E.g.: Interrupted beeps (beep…beep…beep): A zone was opened during the exit delay time. It must be closed before the delay time expires.
	Entry tone E.g.: Interrupted beeps (beep…beep…beep): During the entry delay time.
	Emergency call warning, inactivity warning
Operator Sounds	Acknowledgement/confirmation E.g.: Double deep (beep, beep): The alarm panel has been successfully activated.
	Error E.g.: Short beep (beep): System fault, the alarm panel cannot be activated

Note	The volume of the signal tones can be configured separately for each group. User menu -> Configuration -> Volume Settings Operator tones 0-10 Info tones 0-10 Alarm tones 0-10
Note	These volume settings also affect the volume of the alarm panel **and** the indoor sounder **and** the loudspeaker on the hybrid module.

Repairs and maintenance

Maintenance by the installer

The alarm control panel should be checked once a year. During every inspection:

- Check the Secvest for visible signs of damage on the housing or the front cover.
- Check the condition of the housing-tampering switch and the wall-tampering switch (wall-removal contact)
- Check the condition of the backup battery
- Check the cabling for visible signs of damage or wear
- Check the keypad for visible signs of damage
- Test the function of all keys on the keypad
- Clean the keypad surface, the display and the housing
    - When cleaning the surface, use a soft, dry cloth.
    - Do not use any water, solvents or cleaning agents.
- Check the signal strength and the battery condition of all detectors, control panels, external sirens, indoor sirens, indoor sounders, WAMs, door locks, hybrid modules, remote controls, hold up pendants, medical pendants and care pendants.
- Replace the batteries when recommended by the manufacturer
- Test every component.
- Carefully clean the lenses on all PIR detectors and cameras using a soft, clean, dry cloth.
- Do not use any water, solvents or cleaning agents.
- Carry out a walk test on all detectors.
- Test all external sounders
- Test the communication.
- EN 50131-7 “Alarm systems – intrusion and hold up alarms – part 7: application rules” must also be taken into consideration.

Use the test function in Installer mode -> Test

It is not necessary to check any calibrations or adjustments.

Maintenance by the user

The administrator uses the test function in User menu -> Test

- Clean the sounder
    - When cleaning the surface, use a soft, dry cloth.
    - Do not use any water, solvents or cleaning agents.
- The user does not need to carry out any other maintenance work.

S/W upgrade

Note

SW >=3.00.03

There are four ways to perform a software upgrade.

- Software upgrade with new files that are saved on the SD card.
- Software upgrade with new files that are saved on the PC.
- Software upgrade with new files that are stored on the FTP server.
- S/W upgrade with the Secvest update utility

Note

Software update from 3.01.14 to 3.01.17

Software update from earlier versions to 3.01.17

- The Secvest wireless alarm system may return to factory settings upon updating to V3.01.17.
- It is therefore **essential** to **save** the alarm control panel **configuration** in advance. After completing the update, the configuration (inc. all component IDs) can be restored.
- The language file must be updated BEFORE updating the application file.
- "Level 4 user" authorisation level for SW updates
  - It is no longer possible to run SW updates via the Installer menu of the web server.
  - Approval for "Level 4 User" must be granted in the User and Installer menu.
  - The user code for "Level 4 User" will be issued following approval.
- PUSH settings could be lost during an update and must be checked and tested.

Registering on the ABUS server

- If the Secvest wireless alarm system is used in conjunction with the ABUS server, it may need to be manually deleted in the Abus server account.
  - You can use the trace function to check. With X = 4 = "HTTPS Client", you can see the communication log between the alarm panel and the ABUS server. If "MAC already in use" appears there, then the alarm panel must be deleted from the ABUS server account. The alarm panel can then register itself again.
- The registration occurs automatically on the ABUS server after restoring the configuration within a maximum of 30 minutes.

Browsing history

- Please delete the cache (browsing history) to ensure that the newest JavaScript, CSS and image files are loaded from the alarm panel.

Waiting period – Access to the web server after restart

- Wait at least three minutes after restarting the alarm panel before you access the alarm panel web server.
- During the first access, the https certificate and other safety features are "exchanged" during this period.

Saving and restoring the configuration

Important

As part of a comprehensive update, the Secvest wireless alarm system is reset to the factory defaults.
It is therefore essential to save the alarm control panel configuration in advance:

1. "Installation mode"
2. "System"
3. "Backup/restore"
4. "Backup"

After completing the update, the configuration (inc. all component IDs) can be restored:

5. "Installation mode"
6. "System"
7. "Backup/restore"
8. "Load Configuration"

Note

You can tell an update process is running from the following 3 processes on the alarm panel.

1)
Menu keys light up
Arm/disarm keys flash
Number keys are dark

4.
Menu keys light up
Arm/disarm keys are dark
Number keys flash

3)
Menu keys are dark
Arm/disarm keys start flashing again to show that the upgrade process is almost finished.
Number keys are dark

The first point of the start wizard appears (language selection).

Important

Wait until this process is fully complete. The power supply must not be disconnected during the upgrade process under any circumstances. This could lead to a complete crash/failure of the software.

If a touch front is installed, no keys light up during this process.

Important
Wait until something appears again on the display. The power supply must not be disconnected during the upgrade process under any circumstances. This could lead to a complete crash/failure of the software.

Software file set for V3.01.17

Software Title	Software Version	Software File name	File size on data storage device
			PC display of the operating system
Core	V3_01_17	13410164_FUAA50XXX_App_V3_01_17.bin **File size in bytes** GUI display: 2.949.120	2880 KB
Languages			
German	V1_42	13404974_FUAA50XXX_Deutsch_V1_42.lng	2347 KB
English	V1_35	13404973_FUAA50XXX_English_V1_35.lng	1864 KB
Dutch	V1_17	13404976_FUAA50XXX_Nederlands_V1_17.lng	2281 KB
French	V1_17	13404975_FUAA50XXX_Francais_V1_17.lng	2328 KB
Italian	V1_16	13404978_FUAA50XXX_Italiano_V1_16.lng	2521 KB
Danish	V1_19	13404977_FUAA50XXX_Dansk_V1_19.lng	1791 KB
Swedish	V1_13	13405100_FUAA50XXX_Svenska_V1_13.lng	2346 KB
Spanish	V1_13	13404979_FUAA50XXX_Espanol_V1_13.lng	2379 KB
Polish	V1_13	13405101_FUAA50XXX_Polski_V1_13.lng	2177 KB
Russian	V1_10	13405102_FUAA50XXX_Pycck_V1_10.lng	2534 KB
Confidence Test			
ConfTest	V1_03	12551477_FUAA50XXX_ConfTest_V1_03.lng	32 KB
Auxiliary programs Accessories			
Setup Secvest Update Utility 32	V1.02.05	Setup Secvest Update Utility 1_02_05 (32 bit).msi	
Setup Secvest Update Utility 64	V1.02.05	Setup Secvest Update Utility 1_02_05 (64 bit).msi	
Bootloader	V1_00_00	12526869_FUAA50XXX_Boot_V1_00_00.bin	42

Software upgrade with new files from the SD card

Alarm panel
Installer Mode -> System -> General -> Language
Installer Mode -> System -> Upgrade alarm panel

Note
The language file must be updated BEFORE updating the application file.

Which language file version is compatible with which application file version can be found in the corresponding release note "Secvest_Software_Release_Notes_Va_bc_de_yyyy_mm_dd".

Example
Installer Mode -> System -> Upgrade alarm panel

UPGRADE PANEL APPLICATION		
V3.01.14	Installed	
V1.01.00	10/02/2016	(2293760)
V2.00.00	04/10/2016	(2621440)
V2.00.06	06/03/2017	(2621440)
V2.01.08	15/06/2017	(2686976)
V3.00.04	12/12/2017	(2883584)
V3.01.01	10/05/2018	(2883584)
V3.01.11	17/10/2018	(2883584)
V3.01.14	11/03/2019	(2949120)
V3.01.16	25/11/2019	(2949120)

Software upgrade with new files on the PC

Important

Saving and restoring the configuration
As part of a comprehensive update, the Secvest wireless alarm system is reset to the factory defaults.
It is therefore essential to save the alarm control panel configuration in advance:

1. "Installer Mode" web server
2. "System"
3. "Backup/restore"
4. "Backup"

After completing the update, the configuration (inc. all component IDs) can be restored:

5. "Installer Mode" web server
6. "System"
7. "Backup/restore"
8. "Load Configuration"

Important

SW >= 3.00.06, saving and restoring the configuration

Before the alarm panel starts the upgrade, the configuration files and the SSL certificate are saved automatically on the internal flash drive. The new software is then installed, and the alarm panel restarted. At this point, the factory settings are used first, but the alarm panel then automatically reproduces the configuration files and the SSL certificate from the flash drive (as if the configuration had been saved/reproduced manually). This means that the Start Wizard is not used, the SSL certificate is not regenerated and, more importantly, that the installer does not have to go to the site in order to respond to the command prompt of the Start Wizard.

Important
Changes have been made to the following menus as part of S/W 2.00.00

- VoIP Dialler Setup
- Contacts -> SIP User ID
- Outputs -> Type "User defined"
- ARC/ESCC reporting -> IP port

Please check these menus after carrying out the configuration and adjust the settings accordingly.

Level4 updates

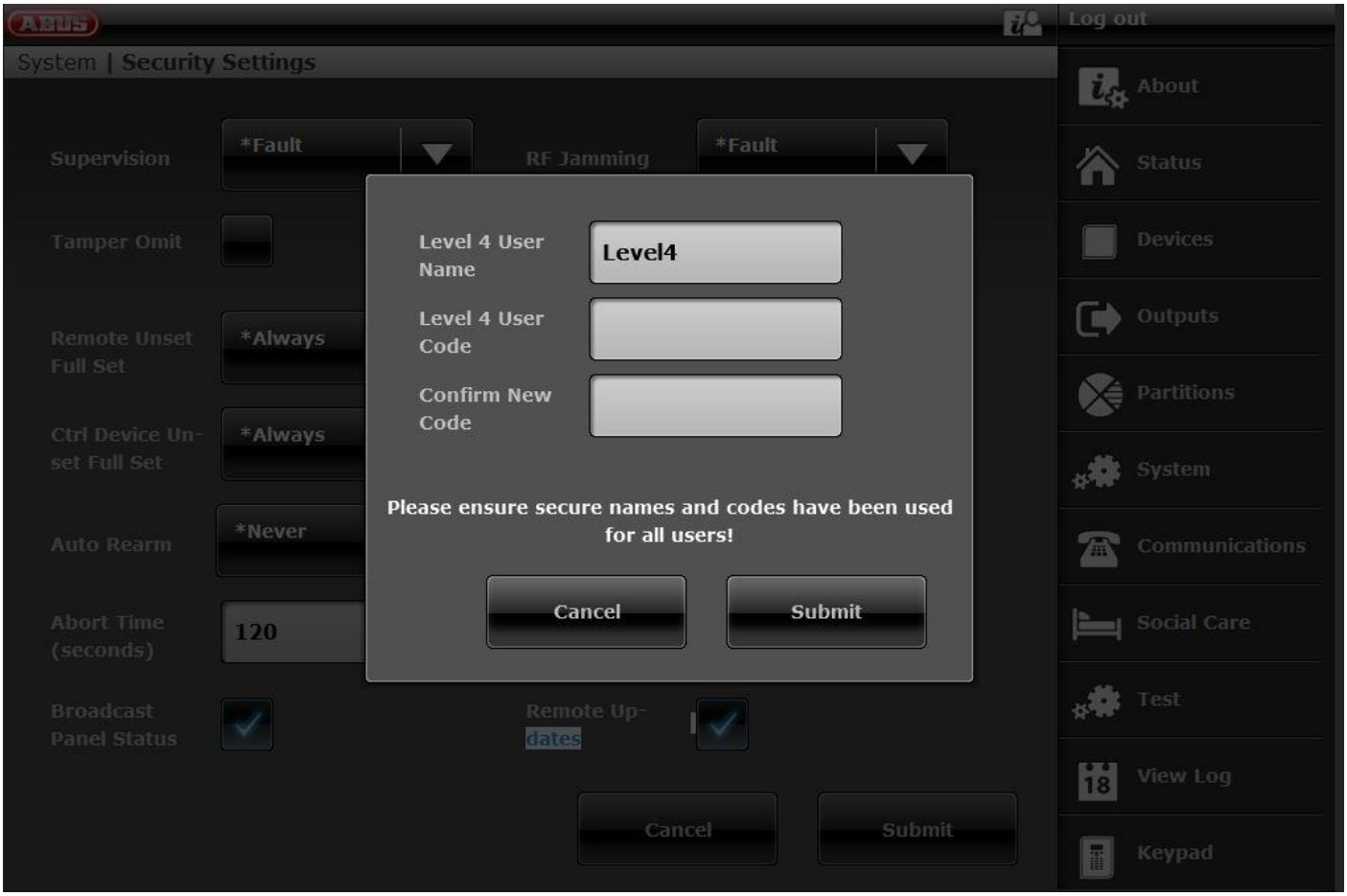
Preparation:
Adding new "Level 4 user"
Alarm panel
Installer Mode -> System -> Security -> Level4 Updates -> Enabled

Or
WBI
Installer Mode -> System -> Security Settings -> Level4 Updates -> Enabled (activated, ticked)

If this option is activated, a new Level 4 code must be entered. This is only the case if this Level 4 code was never programmed to begin with (as delivered or since the last reset to the factory defaults). This Level 4 code has the same number of digits as the Installer code or the User code.

Enter a "New Level 4 code" and "Confirm Level 4 code" (enter the code again to confirm it).
A new user is added automatically. See "User" menu.
Name: "Level4"
Note:
For security reasons, you should change the "Level4" default name of the Level 4 user.

Note:
Further details can be found under the menu explanations in the corresponding instruction manuals.



Starting the "Remote Update" procedure:

Ensure that

Alarm panel
Installer Mode -> System -> Security -> Level4 Updates -> Enabled
User Menu -> Configuration -> Level4 Updates -> Enabled
Or
WBI
Installer Mode -> System -> Security Settings -> Level4 Updates -> Enabled (activated, ticked)

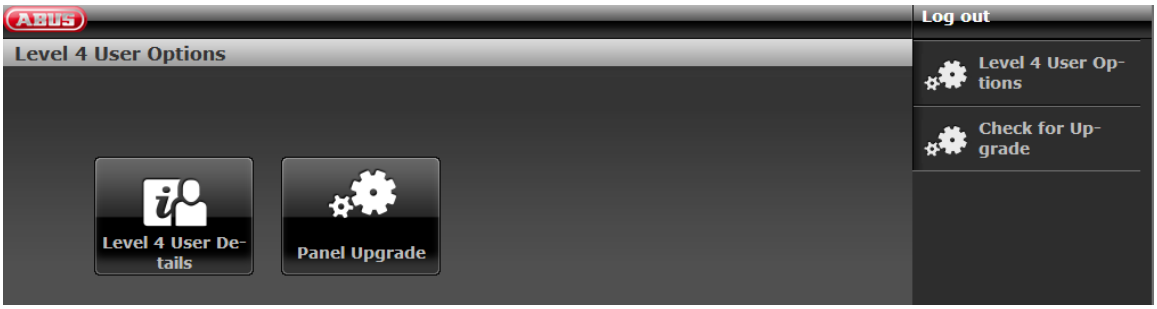
User Menu -> Configuration -> Security Settings -> Level4 Updates -> Enabled (activated, ticked)

Provided both "Remote Update" options are enabled, a Level 4 user will only be shown 3 menu options if they log in to the web server using their Level 4 User Name and Level 4 User Code:

Level 4 User Details for amendment
Level 4 User Name
Level 4 User Code
and
Panel upgrade

These options are not displayed if you log in as an Installer.

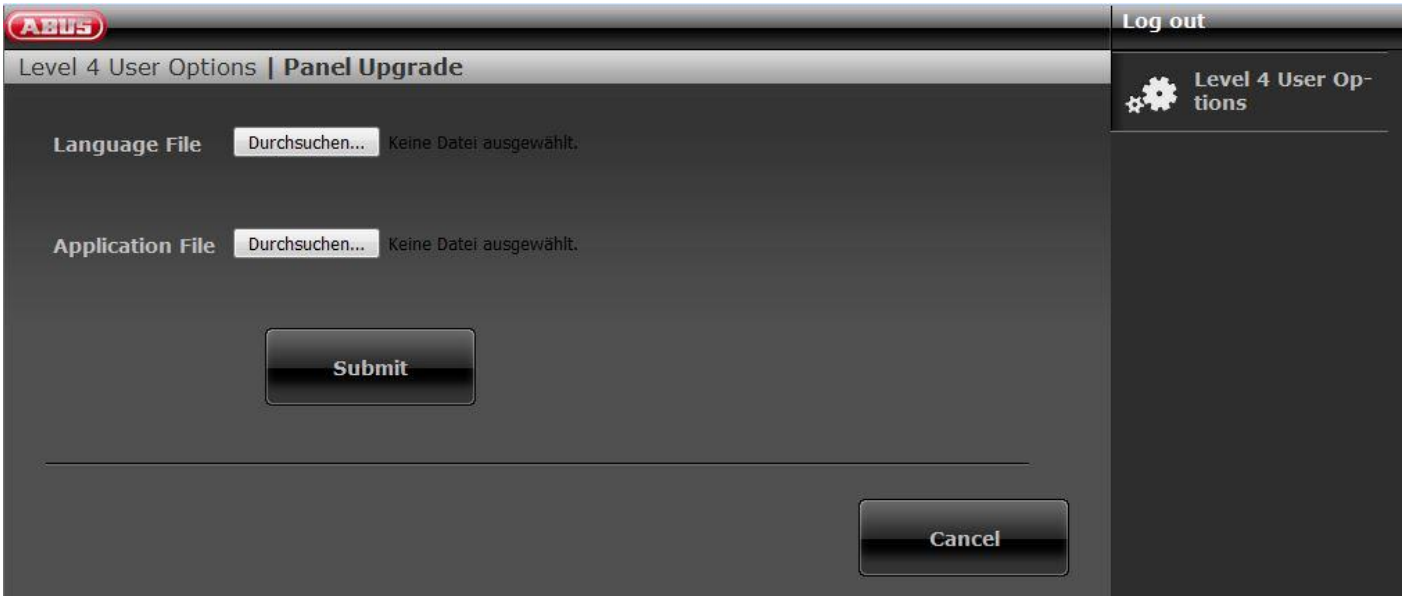
SW >= 3.00.03



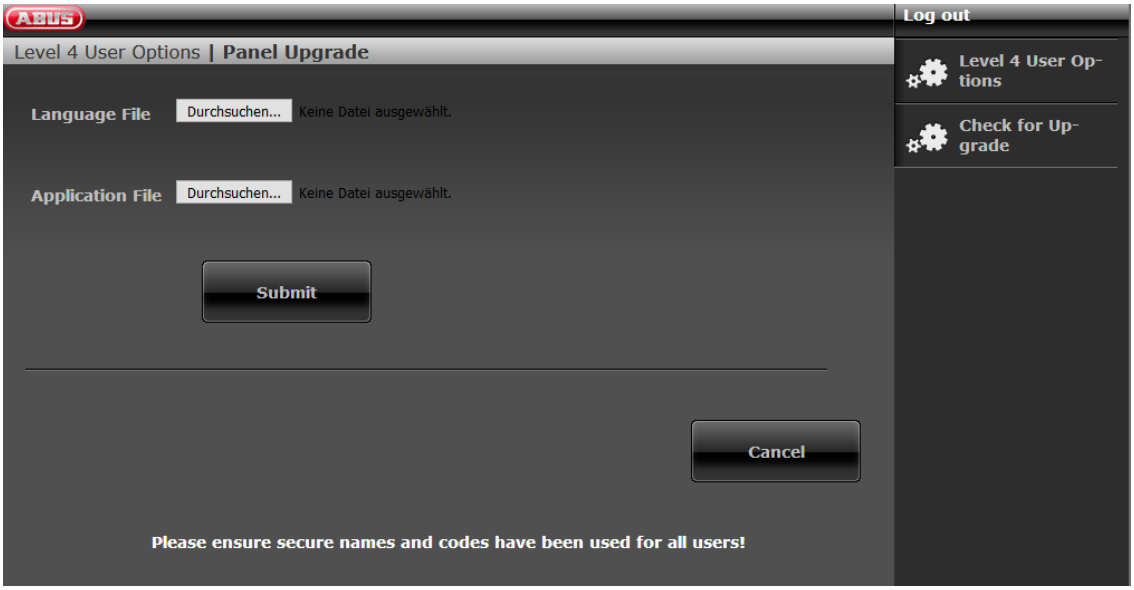
Note

Click on this symbol to generate a PDF version of the "Release notes" file.

Click "Panel Upgrade"



SW >= 3.00.03



Important

Please ensure that you only load

- a language file that is compatible with the existing application file or
- a application file that is compatible with the existing language file or
- a language file and an application file that are compatible with one another

.

Please consult the corresponding release notes when doing so.

Select a "Language file"

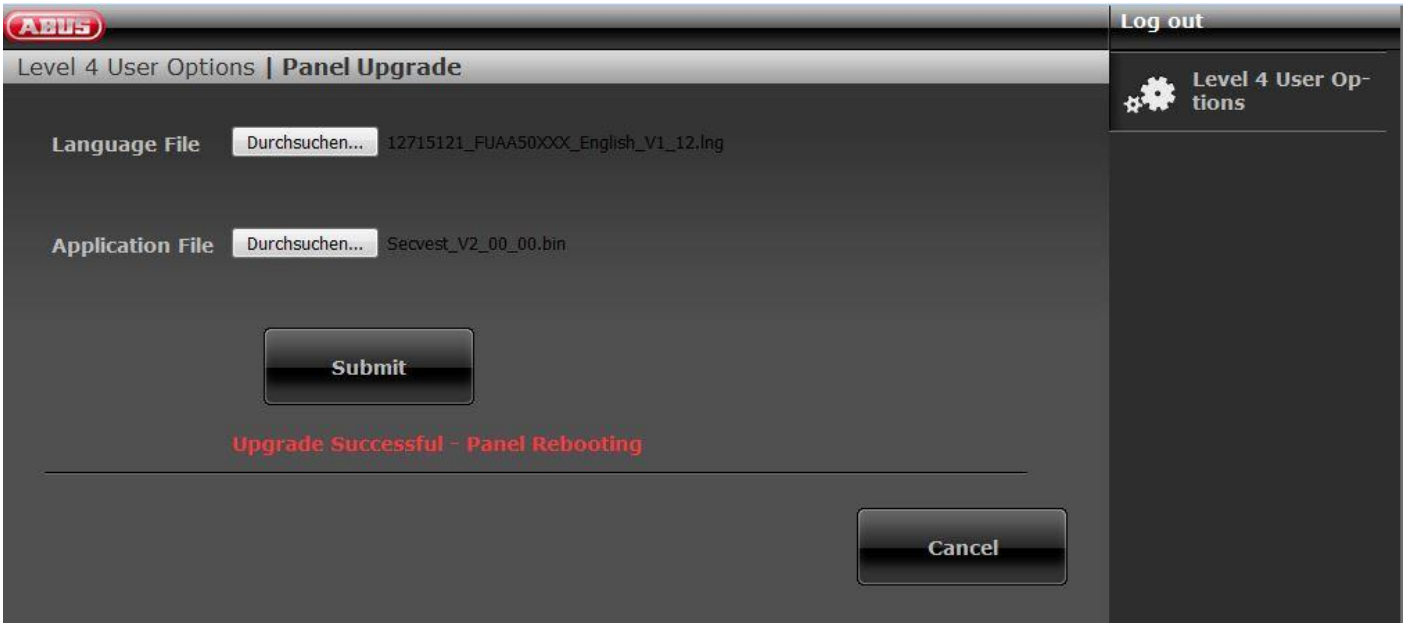
Click the **"Browse"** button to enter the path and file name of the language file that should be loaded.
Click the **"Submit"** button to import the selected file into the wireless alarm system.

Select an "Application file"

Click the **"Browse"** button to enter the path and file name of the application file that should be loaded.
Click the **"Submit"** button to import the selected file into the wireless alarm system.

You can also do both at the same time.
Select a "Language file".
Select an "Application file".
Click "Submit".

Once the download is complete, the alarm control panel will check the configuration number of the current S/W against the configuration number of the downloaded S/W. If these numbers match, the alarm control panel automatically re-starts and installs the new S/W.



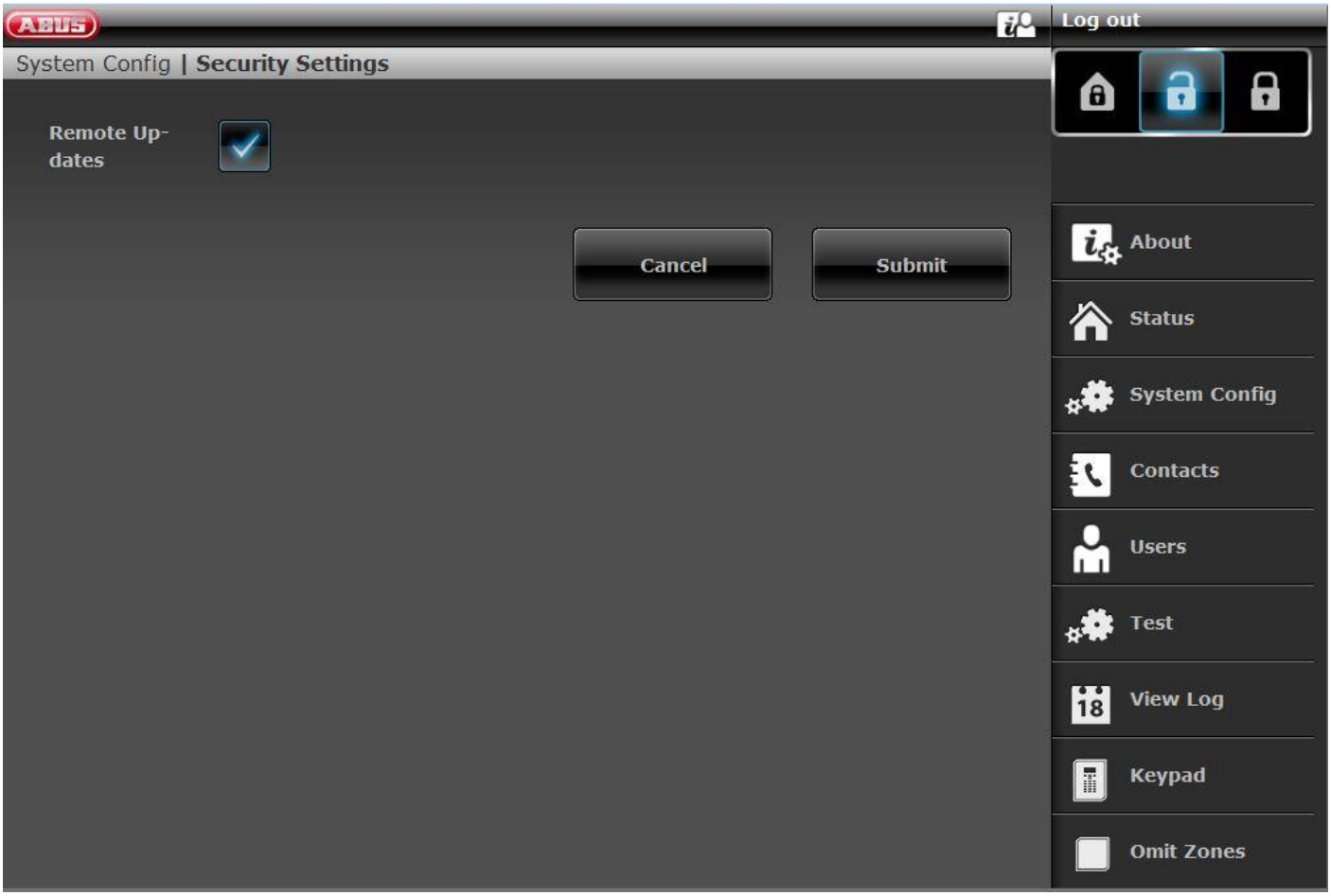
If they do not match, the web server warns the user that the alarm control panel will restart, their configuration will be lost and the Installer on Site will need to come to reconfigure the alarm control panel (the alarm control panel remains in "Start assistant").

If the user selects "No", then the downloaded file will be deleted from the SD card.

This prevents a Level 3 user from arriving on-site and installing the new S/W on the SD card without opening the alarm control panel. This is not permitted for a Level 3 user, unless the alarm control panel is open.

Please note that the above-mentioned configuration number check is only run on alarm control panels, on which a version of the software with this function has already been installed (1.01.00 and later).

See also the user manual, chapter Remote Updates / Level4 Updates



Alarm panel
User Menu -> Configuration -> Level4 Updates
Or
WBI
User Menu -> Configuration -> Security Settings -> Level4 Updates

Blocked (deactivated – not ticked)
A Level 4 user can only change the "Level 4 Code" and the "Level 4 User Name".

Enabled (activated – ticked)
Provided the "Remote Update" option is also enabled in Installer Mode, a Level 4 user will only be shown 3 menu options if they log in to the web server using their Level 4 User Name and Level 4 User Code:
Level 4 User Details for amendment
Level 4 User Name
Level 4 User Code
and
Panel upgrade

Note
SSL certificate will be created, this can take several minutes (approx. 3 min).

Network functions are not available during this time.

Note

This message will display: Network initialisation, please wait...

Note

You can tell an update process is running from the following 3 processes on the alarm panel.

1)
   Menu keys light up
   Arm/disarm keys flash
   Number keys are dark

4.
   Menu keys light up
   Arm/disarm keys are dark
   Number keys flash

3)
   Menu keys are dark
   Arm/disarm keys start flashing again to show that the upgrade process is almost finished.
   Number keys are dark

The first point of the start wizard appears (language selection).

Important

Wait until this process is fully complete. The power supply must not be disconnected during the upgrade process under any circumstances. This could lead to a complete crash/failure of the software.

If a touch front is installed, no keys light up during this process.

Important

Wait until something appears again on the display. The power supply must not be disconnected during the upgrade process under any circumstances. This could lead to a complete crash/failure of the software.

Software upgrade with new files from the FTP server

SW >= 3.00.03

Note
Please also observe the information in the chapter above.

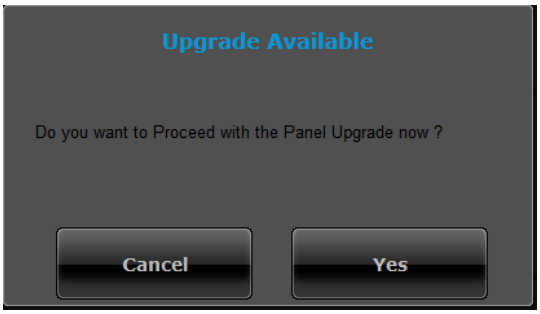
This function is also available directly on the alarm panel itself. You will find further details in the chapter "System -> Check for upgrade?".

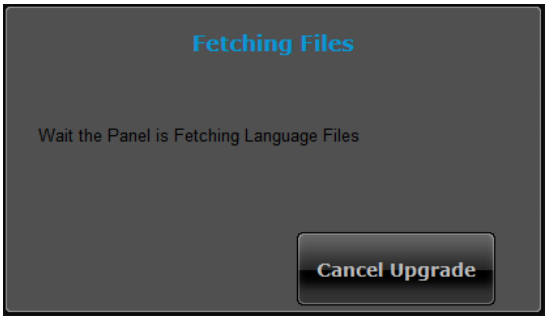
Log in to the web server as a Level 4 user.

After logging in, the software automatically asks the ABUS FTP server: "Is new software available?"

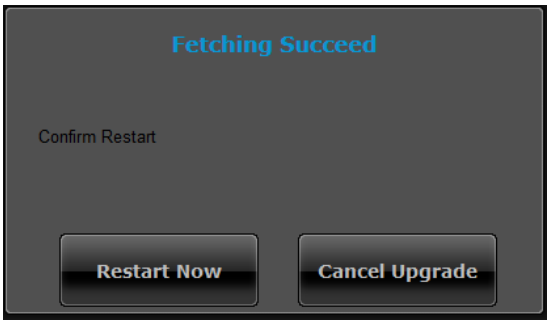
You can also start this process again manually.
Click on "Check for upgrade?"

If the FTP server replies to this question with a "Yes", the following pop-up menus appear.





Note
The current software comprises a new application file and language file. These files are stored on the SD card.



Click on "Restart the alarm panel".
The alarm panel installs the new files and performs a reboot.

Important

SW >= 3.00.06, saving and restoring the configuration

Before the alarm panel starts the upgrade, the configuration files and the SSL certificate are saved automatically on the internal flash drive. The new software is then installed, and the alarm panel restarted. At this point, the factory settings are used first, but the alarm panel then automatically reproduces the configuration files and the SSL certificate from the flash drive (as if the configuration had been saved/reproduced manually). This means that the Start Wizard is not used, the SSL certificate is not regenerated and, more importantly, that the installer does not have to go to the site in order to respond to the command prompt of the Start Wizard.

S/W upgrade with the Secvest update utility

This variant is intended for special cases.
Specialist installers can request details on this from our Support team

ARC/ESCC reporting

ARC/ESCC reporting protocol formats

Note:
To conform with EN50131, ARC (ESCC) reporting must be enabled.
The alarm control panel automatically uses the classic protocols if the alarm control panel uses PSTN or GSM/wireless mobile as an outgoing communication path.

Fast Format
When using Fast Format, each message sent to the ARC (ESCC) consists of the following:

4, 5 or 6-digit account number.
8 data channels.
Each channel communicates the status of an output. The type of corresponding output (channel) is set under the "FF Channels" menu item (see page xyz). Each channel can provide the following values:
1 = New alarm and not yet reported
2 = Output status is open/disarmed
3 = Alarm reset and not yet reported
4 = Output status is closed/enabled
5 = No alarm
6 = Alarm but reported earlier
Test signal or status

Contact ID
The Contact ID format transmits data from the log book entries to the ARC (ESCC). Examples of messages in Contact ID format are:

Example 1
1234 18 1137 01 015 2

1234	This is the account number as specified in the Account Numbers menu item (page xyz).
18	This is the message type used to identify the message as a Contact ID
1137	This is the event identifier for a new event (1), followed by the event code for a system tamper alarm (137)
01	This is the partition number
015	This is the zone number
2	This is the checksum value that the ARC (ESCC) needs to check and confirm that a valid message has been received

Example 2
1234 18 3137 01 015 3

The only difference between this example and the first example is the event identifier of 3 to show a restore for the system tamper alarm and the checksum value.

SIA 1, SIA 2, SIA 3, Extended SIA 3 and Extended SIA 3 V2

The SIA formats transmit data from the log book entries to the ARC (ESCC).
The four SIA formats differ based on the data volume that is transferred with each message.

Type	Format
SIA1	#AAAAAA|NCCcc
SIA2	#AAAAAA|Nidnnn/rinn/CCcc
SIA3	#AAAAAA|Ntihh:mm/idnnn/rinn/CCcc
	#AAAAAA|AS
Extended SIA 3	#AAAAAA|Ntihh:mm/idnnn/rinn/CCcc/AS
Extended SIA 3 V2	#AAAAAA|Ntihh:mm|idnnn|rinn|CCcc|AS
Extended SIA 3 V3	#AAAAAA|Ntihh:mm/idnnn/rinn/CCcc^AS^

Whereby:

AAAAAA	Adjustable 6-digit account number (e.g. 123456).
"N"	New event (always N)
"ti"hh:mm/	Time (e.g. ti10:23/).
"id"nnn/	User number, when usable, otherwise not sent (e.g. id123/ or id6/)
"ri"nn/	Partition number (e.g. ri12/ or ri3).
CC	Event code (e.g. FA = Fire Alarm).
cc	Zone or control panel number, when usable, otherwise not sent (e.g. 23 or 5)
"A"S	Text description of the event, usually a description of the log book event

Note:
The alarm control panel sends the characters that are between " and " shown above exactly as they are listed in the table above.

Example
The different formats for the SIA protocol appear as follows in the event of a fire alarm in zone 2 of partition 4 at 10:15 with the account number 10 for partition 4:

SIA1	#000010|NFA2
SIA2	#000010|N/ri4/FA2
SIA3	#000010|Nti10:15/ri4/FA2
	#000010|AFire Zone 2
Extended SIA3	#000010|Nti10:15/ri4/FA2/AFire Zone 2
Extended SIA3 V2	#000010|Nti10:15|ri4|FA2|AFire Zone 2
Extended SIA3 V3	#000010|Nti10:15/ri4/FA2^AFire Zone 2^

Note about Extended SIA3 V2:

Some S/W versions that work in the SIA recipients do not always recognise the "/" text separator. This may cause problems. This incorrectly results in "mains fail" messages on the ARC (ESCC). This may occur when arming or disarming the alarm control panel or when entering or exiting the Installer Mode.
Therefore, in version 2 of Extended SIA3, the "/" text separator has been replaced by a "|" text separator.

For example, the string will change from:

#000010|Nti10:15/ri4/FA2/AFire Zone 2

to:

#000010|Nti10:15|ri4|FA2|AFire Zone 2

If you are having problems with incorrect"power failure" messages, try this extended SIA3 V2 option.

Note about Extended SIA3 V3:
Some S/W versions that work in the SIA recipients do not always recognise the "/" text separator. This may cause problems.
Therefore, in version 3 of Extended SIA3, the "/" text separator has been replaced by a "^" text separator in two positions.

For example, the string will change from:

#000010|Nti10:15/ri4/FA2/AFire Zone 2

to:

#000010|Nti10:15/ri4/FA2^AFire Zone 2^

DC-09

Note
The provisions of the following document apply here.

ANSI/SIA DC-09-2013: Internet Protocol Event Reporting
SIA Digital Communication Standard – Internet Protocol Event Reporting

S/W <= v3.00.03 Messages are sent **without encryption (unencrypted)**.
S/W >= v3.00.03 Messages can also be sent **with encryption**.

The alarm control panel automatically uses the IP-based protocol DC-09 if the alarm control panel uses Ethernet (LAN) as an outgoing communication path.
In doing so, the data from traditional protocols are packed into IP packages and transferred.

Note:
Details can be found in the DC-09 and DC-07 specification from SIA and in the corresponding standards that are mentioned in these documents.

The **tokens** used are:

Protocol	Token	Definition
FF	“SCN-S8”	Scancom 4-8-1, 5-8-1, 6-8-1
CID	“ADM-CID”	Ademco Contact ID
SIA 1, SIA 2, SIA 3, Ex SIA 3, Ex SIA 3 V2, Ex SIA 3 V3	“SIA-DCS”	SIA DCS

TCP
The **TCP** internet protocol is used for the transmission.

Note

TCP uses port 9999.
If it is not possible to send messages, it may be that the firewall has also blocked various **outgoing** ports. Therefore, check the firewall settings on the router/IAD.

Information on implementation in the Secvest with reference to chapter 5.5.1 "Event Messages (PE)" of the CD-09 specification.

Contents	Chapter DC-09 Specification	Use in the Secvest	Comments
LF	5.5.1.1	Yes	
CRC	5.5.1.2	Yes	
0LLL	5.5.1.3	Yes	
ID	5.5.1.4	Yes	Token, see above
Seq	5.5.1.5	Yes	
Rrcvr Receiver number	5.5.1.6.3	No	Nothing is sent
Lpref Account prefix	5.5.1.6.2	No	L0 is sent
#acct Account number	5.5.1.6.1	Yes	
Pad	5.5.1.7	Yes	Within the parentheses "[" and "]"
Data	5.5.1.7	Yes	Within the parentheses "[" and "]"
Timestamp	5.5.1.9	Yes	Only in encrypted messages. Actual GMT Time difference (inaccuracy) between central time and ARC/ESCC recipient time must be max. +20/-40 seconds.
CR	5.5.1.10	Yes	

Note

A time zone is an area consisting of several countries and parts of larger countries in which the same officially-regulated time applies.

The zone time indicates the difference between the local time and UTC (Coordinated Universal Time), otherwise known as GMT (Greenwich Mean Time).

For example, the time in Germany is:

- Winter time: UTC/GMT +1
- Summer time: UTC/GMT +2

CID/SIA Events

This menu only appears if you select "Contact ID" or one of the SIA versions at the following point:

Installer Mode -> Communication -> ARC Reporting -> Protocol

A detailed description of the CID and SIA formats can be found in the "ARC (ESCC) reporting protocol formats" appendix

To simplify the programming, the possible CID/SIA events are assigned to corresponding groups. In Table 1 and 3, you can see the CID/SIA events with the corresponding group assignment. In Table 2 and 4, you can see the groups with the corresponding CID/SIA events.

If you approve a group using "Yes", the alarm control panel can send every event from this group.

Notes:

CID/SIA alarm transmissions require significantly more time than Scancom Fast Format as the system transfers extended alarm data to the alarm receiving centre (ARC, ESCC).

Note

The alarm control panel delays the ARC reporting and entering in the log book by approx. 15-22 minutes (randomly), either in the event of a mains failure (power cut) or when leaving the Installer Mode with an existing mains failure (power cut).

The alarm control panel delays the ARC reporting and entering in the log book by approx. 60-90 seconds (randomly), either once the power supply is restored or when leaving the Installer Mode and the power supply is restored.

Table 1 CID codes – CID report groups

CID code	Contains:	CID report group
100	Medical alarm	Medical Alarm
101	Social Care (Social Emergency)	Medical Alarm
110	Fire Alarm and Fire Restore	Fire
120	Hold Up zone (Panic) and Restore Hold Up (Panic) silent and Restore Hold Up keypad (Panic) and Restore Hold Up RF (Panic) and Restore Hold Up wireless control panel (Panic) and Restore	Panic alarm
121	Duress Code alarm	Panic alarm
129	Hold Up (Panic) alarm acknowledged	Panic alarm
130	Intrusion Alarm and Intrusion Restore	Intruder alarm
131	Perimeter and Perimeter ok Entry attempt and glass breakage e.g. of FTSE	Intruder alarm
137	Alarm control panel housing front tampering and Restore Keypad tampering and Restore Detector tampering and Restore Control panel tampering and Restore Bell tampering and Restore Wireless control panel tampering and Restore External Sirens tampering and Restore WAM tampering and Restore Door Lock tampering and Restore	Tampers
139	Alarm confirmation	Intruder alarm
150	Technical alarm and Restore	Technical Alarm
150	Key Box open and closed	Key Box
300	Fault and Restore for: Aux. 12 V, system 12 V	Faults
301	A/C mains fail and Restore Alarm panel, HyMo	Mains Fault
302	Panel Battery flat/fault and Restore	Panel Battery
305	System or partition reset	Reset
311	Panel Battery flat/missing and Restore	Panel Battery
311	External battery fault and Restore	Faults
320	External sounder zone fault and Restore WAM fault and Restore	Faults
337	Indoor sounder, control panel, repeater, HyMo, smoke alarm, UVM PSU fault and Restor	RF Battery/PSU
337	External PSU fault and Restore via Zone n HyMo	Faults
338	External siren, UVM, repeater Flat battery / battery fault and Restore	RF Battery/PSU
338	External PSU low voltage via Zone n	Faults

342	External PSU AC fault and Restore	Faults
344	Jamming fault and Restore 1)	RF Jamming
351	Communication path fault and Restore	Faults
373	Smoke alarm device fault and Restore	Faults
375	Hold Up zone component fault and Restore	Faults
380	IP zone camera supervision fault and ok e.g. IP zone missing, IP-zone timeout).	Camera supervision
381	Zone supervision fault and Restore Supervision wireless control panel fault and Restore External Siren supervision fault and Restore 1) Supervision indoor sounder fault and Restore WAM supervision fault and Restore Door Locks supervision fault and Restore Repeater supervision fault and Restore HyMo supervision fault and Restore	RF Supervision
384	Flat battery zone fault and Restore	RF Battery/PSU
401	System or partition armed and disarmed	Set/Unset
401	System or partition armed internally	Part set
406	Alarm Abort	Intruder alarm
409	System or partition armed and disarmed with key switch	Set/Unset
409	System or partition armed internally with key switch	Part set
412	Download successful	Download
457	Exit Timeout and Restore	Exit Timeout
461	4 incorrect User Codes entered one after the other (also known as "User Code Tampering")	Tampers
573	User/system zone hidden, zone shown	Omit
601	Manually triggering test report 2)	/
602	Periodic/automatic test report 2)	/
625	Reset date and time	Time/Date Reset
627	Start alarm control panel Installer Mode (Web)	Installer Mode
628	End alarm control panel Installer Mode (Web)	Installer Mode

Note:
1) The alarm control panel communicates Jamming and Supervision if the system is disarmed.
2) Independent of a group/no reference to a group

Table 2 CID report groups – CID codes

CID report group	CID code	Contains:
Fire	110	Fire Alarm and Fire Restore
Panic alarm	120	Hold Up zone (Panic) and Restore Hold Up (Panic) silent and Restore Hold Up keypad (Panic) and Restore Hold Up RF (Panic) and Restore Hold Up wireless control panel (Panic) and Restore
Panic alarm	121	Duress Code alarm
Panic alarm	129	Hold Up (Panic) alarm acknowledged
Medical Alarm	100	Medical alarm
Medical Alarm	101	Social Care (Social Emergency)
Intruder alarm	130	Intrusion Alarm and Intrusion Restore
Intruder alarm	131	Perimeter and Perimeter ok Entry attempt and glass breakage e.g. of FTSE
Intruder alarm	139	Alarm confirmation
Intruder alarm	406	Alarm Abort
Technical Alarm	150	Technical alarm and Restore
Tampers	137	Alarm control panel housing front tampering and Restore Keypad tampering and Restore Detector tampering and Restore Control panel tampering and Restore Bell tampering and Restore Wireless control panel tampering and Restore External Sirens tampering and Restore WAM tampering and Restore Door Lock tampering and Restore
Tampers	461	4 incorrect User Codes entered one after the other (also known as "User Code Tampering")
Set/Unset	401	System or partition armed and disarmed
Set/Unset	409	System or partition armed and disarmed with key switch
Part set	401	System or partition armed internally
Part set	409	System or partition armed internally with key switch
Reset	305	System or partition reset
Exit Timeout	457	Exit Timeout and Restore

Omit	573	User/system zone hidden, zone shown
Key Box	150	Key Box open and closed
RF Supervision	381	Zone supervision fault and Restore Supervision wireless control panel fault and Restore External Siren supervision fault and Restore 1) Supervision indoor sounder fault and Restore WAM supervision fault and Restore Door Locks supervision fault and Restore Repeater supervision fault and Restore HyMo supervision fault and Restore
RF Jamming	344	Jamming fault and Restore 1)
RF Battery/PSU	337	Indoor sounder, control panel, repeater, HyMo, smoke alarm, UVM PSU fault and Restor
RF Battery/PSU	338	External siren, UVM, repeater Flat battery / battery fault and Restore
RF Battery/PSU	384	Flat battery zone fault and Restore
Panel Battery	302	Panel Battery flat/fault and Restore
Panel Battery	311	Panel Battery flat/missing and Restore
Mains Fault	301	A/C mains fail and Restore Alarm panel, HyMo
Faults	300	Fault and Restore for: Aux. 12 V, system 12 V
Faults	311	External battery fault and Restore
Faults	320	External sounder zone fault and Restore WAM fault and Restore
Faults	337	External PSU fault and Restore via Zone n HyMo
Faults	338	External PSU low voltage via Zone n
Faults	342	External PSU AC fault and Restore
Faults	351	Communication path fault and Restore
Faults	373	Smoke alarm device fault and Restore
Faults	375	Hold Up zone component fault and Restore
Installer Mode	627	Start alarm control panel Installer Mode (Web)
Installer Mode	628	End alarm control panel Installer Mode (Web)
User Code Chnge	/	/

Time/Date Reset	625	Reset date and time
Camera supervision	380	IP zone camera supervision fault and ok e.g. IP zone missing, IP-zone timeout).
Download	412	Download successful
/	601	Manually triggering test report 2)
/	602	Periodic/automatic test report 2)

Note:
1) The alarm control panel communicates Jamming and Supervision if the system is disarmed.
2) Independent of a group/no reference to a group

Table 3 SIA codes – SIA report groups

SIA code	Contains:	SIA report group
AT, AR	Mains fail and Restore Alarm panel, HyMo	Mains Fault
AT, AR	External PSU AC fault and Restore Alarm panel, HyMo	Faults
BA, BR	Intrusion Alarm and Intrusion Restore	Intruder alarm
BA, BR	Perimeter and Perimeter ok Entry attempt and glass breakage e.g. of FTSE	Intruder alarm
BA, BR	Key Box open and closed	Key Box
BB, BU	User/system zone hidden, zone shown	Omit
BC	Alarm Abort	Intruder alarm
BV	Alarm confirmation	Intruder alarm
BZ	Zone supervision fault and Restore Supervision wireless control panel fault and Restore External Siren supervision fault and Restore 1) Supervision indoor sounder fault and Restore WAM supervision fault and Restore Door Locks supervision fault and Restore Repeater supervision fault and Restore HyMo supervision fault and Restore	RF Supervision
BZ	IP zone camera supervision fault and ok e.g. IP zone missing, IP-zone timeout).	Camera supervision
CA, OA	Schedule arming, schedule disarming	Set/Unset
CE	Schedule arming delayed	Set/Unset
CL	System or partition armed internally	Part set
CL, OP	System or partition armed and disarmed	Set/Unset
CS	System or partition armed internally with key switch	Part set
CS, OS	System or partition armed and disarmed with key switch	Set/Unset
EA	Exit Timeout and Restore	Exit Timeout
FA, FR	Fire Alarm and Fire Restore	Fire
FT, FJ	Smoke alarm device fault and Restore	Faults
HA, HR	Duress and Restore	Panic alarm
HV	Hold Up (Panic) alarm acknowledged	Panic alarm
Yes	4 incorrect User Codes entered one after the other (also known as "User Code Tampering")	Tampers
JT	Reset date and time	Time/Date Reset
JV	User A changes User B’s code	User Code Chnge
JX	User A deletes User B	User Code Chnge
LB (RB)	Start alarm control panel Installer Mode (Web)	Installer Mode
LS (RS)	End alarm control panel Installer Mode (Web)	Installer Mode
LT, LR	Communication path fault and Restore	Faults
MA; MH	Medical alarm and Restore	Medical Alarm
OA, CA	Schedule disarming, schedule arming	Set/Unset

OR	System or partition reset	Reset
PA, PR	Hold Up zone (Panic) and Restore Hold Up keypad (Panic) and Restore Hold Up RF (Panic) and Restore Hold Up wireless control panel (Panic) and Restore	Panic alarm
PT, PJ	Hold Up zone component fault and Restore	Faults
QA, QH	Social Care (Social Emergency)	Medical Alarm
RH	User codes reset to default	User Code Chnge
RP	Periodic/automatic test report 2)	/
RS	Download successful	Download
RU	Download failed	Download
RX	Manually triggering test report 2)	/
TA, TR	Keypad tampering and Restore Detector tampering and Restore Alarm control panel housing front tampering and Restore Bell tampering and Restore Wireless control panel tampering and Restore External Sirens tampering and Restore WAM tampering and Restore Control panel tampering and Restore Door Lock tampering and Restore	Tampers
TA, TR	WAM fault and Restore	Faults
UA, UR	Technical alarm and Restore	Technical Alarm
XQ, XH	Jamming fault and Restore 1)	RF Jamming
XT, XR	Flat battery zone fault and Restore	RF Battery/PSU
YA, YH	External sounder zone fault and Restore	Faults
YM, YR	Panel Battery flat/missing and Restore	Panel Battery
YM, YR	External battery fault and Restore	Faults
YP, YQ	Indoor sounder, control panel, repeater, smoke alarm, UVM PSU fault and Restor	RF Battery/PSU
YP, YQ	Fault and Restore for: Aux. 12 V, system 12 V	Faults
YP, YQ	External PSU fault and Restore via Zone n	Faults
YT, YR	External siren, UVM, repeater Flat battery / battery fault and Restore	RF Battery/PSU
YT, YR	Panel Battery flat/fault and Restore	Panel Battery
YT, YR	External PSU low voltage via Zone n HyMo	Faults
YW	System error	Faults

Note
1) The alarm control panel communicates Jamming and Supervision if the system is disarmed.
2) Independent of a group/no reference to a group

Table 4 SIA report groups – SIA codes

SIA report group	SIA code	Contains:
Fire	FA, FR	Fire Alarm and Fire Restore
Panic alarm	HA, HR	Duress and Restore
Panic alarm	HV	Hold Up (Panic) alarm acknowledged
Panic alarm	PA, PR	Hold Up zone (Panic) and Restore Hold Up keypad (Panic) and Restore Hold Up RF (Panic) and Restore Hold Up wireless control panel (Panic) and Restore
Medical Alarm	MA; MH	Medical alarm and Restore
Medical Alarm	QA, QH	Social Care (Social Emergency)
Intruder alarm	BA, BR	Intrusion Alarm and Intrusion Restore
Intruder alarm	BA, BR	Perimeter and Perimeter ok Entry attempt and glass breakage e.g. of FTSE
Intruder alarm	BC	Alarm Abort
Intruder alarm	BV	Alarm confirmation
Technical Alarm	UA, UR	Technical alarm and Restore
Tampers	Yes	4 incorrect User Codes entered one after the other (also known as "User Code Tampering")
Tampers	TA, TR	Keypad tampering and Restore Detector tampering and Restore Alarm control panel housing front tampering and Restore Bell tampering and Restore Wireless control panel tampering and Restore External Sirens tampering and Restore WAM tampering and Restore Control panel tampering and Restore Door Lock tampering and Restore
Set/Unset	CA, OA	Schedule arming, schedule disarming
Set/Unset	CE	Schedule arming delayed
Set/Unset	CL, OP	System or partition armed and disarmed
Set/Unset	CS, OS	System or partition armed and disarmed with key switch
Part set	CL	System or partition armed internally
Part set	CS	System or partition armed internally with key switch
Reset	OR	System or partition reset

Exit Timeout	EA	Exit Timeout and Restore
Omit	BB, BU	User/system zone hidden, zone shown
Key Box	BA, BR	Key Box open and closed
RF Supervision	BZ	Zone supervision fault and Restore Supervision wireless control panel fault and Restore External Siren supervision fault and Restore 1) Supervision indoor sounder fault and Restore WAM supervision fault and Restore Door Locks supervision fault and Restore Repeater supervision fault and Restore HyMo supervision fault and Restore
RF Jamming	XQ, XH	Jamming fault and Restore 1)
RF Battery/PSU	XT, XR	Flat battery zone fault and Restore
RF Battery/PSU	YP, YQ	Indoor sounder, control panel, repeater, smoke alarm, UVM PSU fault and Restor
RF Battery/PSU	YT, YR	External siren, UVM, repeater Flat battery / battery fault and Restore
Panel Battery	YM, YR	Panel Battery flat/missing and Restore
Panel Battery	YT, YR	Panel Battery flat/fault and Restore
Mains Fault	AT, AR	Mains fail and Restore Alarm panel, HyMo
Faults	AT, AR	External PSU AC fault and Restore Alarm panel, HyMo
Faults	FT, FJ	Smoke alarm device fault and Restore
Faults	LT, LR	Communication path fault and Restore
Faults	PT, PJ	Hold Up zone component fault and Restore
Faults	TA, TR	WAM fault and Restore
Faults	YA, YH	External sounder zone fault and Restore
Faults	YM, YR	External battery fault and Restore
Faults	YP, YQ	Fault and Restore for: Aux. 12 V, system 12 V
Faults	YP, YQ	External PSU fault and Restore via Zone n
Faults	YT, YR	External PSU low voltage via Zone n HyMo
Faults	YW	System error
Installer Mode	LB (RB)	Start alarm control panel Installer Mode (Web)
Installer Mode	LS (RS)	End alarm control panel Installer Mode (Web)

User Code Chnge	JV	User A changes User B’s code
User Code Chnge	JX	User A deletes User B
User Code Chnge	RH	User codes reset to default
Time/Date Reset	JT	Reset date and time
Camera supervision	BZ	IP zone camera supervision fault and ok e.g. IP zone missing, IP-zone timeout).
Download	RS	Download successful
Download	RU	Download failed
/	RP	Periodic/automatic test report 2)
/	RX	Manually triggering test report 2)

Note
1) The alarm control panel communicates Jamming and Supervision if the system is disarmed.
2) Independent of a group/no reference to a group

Email error messages

The following table shows the SMTP server response codes:

200	non standard success response, see RFC876
211	System status, or system help reply
214	Help message
220	<domain> service ready
221	<domain> service closing transmission channel
235	successful authentication
250	Requested mail action OK, completed
251	User not local, will forward to <forward-path>
252	Cannot VRFY user, but will accept message and attempt delivery
253	Pending message for node started
334	server challenge
354	Start mail input, end with <CRLF>.<CRLF>
355	Octet offset is the transaction offset
421	<domain> service not available, closing transmission channel
432	A password transition is needed
450	Requested mail action not taken: mailbox unavailable
451	Requested action aborted: error in processing
452	Requested action not taken: insufficient system storage
453	no mail
454	TLS not available due to temporary reason. Encryption required for requested authentication mechanism
455	Server unable to accommodate parameters
458	Unable to queue message for node
459	Node not allowed: <reason>
500	Syntax error, command unrecognised
501	Syntax error in parameters or arguments
502	Command not implemented
503	Bad sequence of commands
504	Command parameter not implemented
510	Check the recipient address
512	<domain> cannot be found. Unknown host
515	Destination mailbox address invalid
517	Problem with senders mail attribute, check properties
521	<domain> does not accept mail (see RFC1846)
522	Recipient has exceeded mailbox limit
523	Server limit exceeded. Message too large
530	Encryption required for authentication mechanism
531	Mail system full
533	Remote server has insufficient disk space to hold email
534	Authentication mechanism is too weak. Message too big
535	Authentication unsuccessful/Bad user name or password
538	Encryption required for authentication mechanism
550	Requested action not taken: mailbox unavailable
551	User not local, please try <forward-path>
552	Requested mail action aborted: exceeded storage allocation
553	Requested action not taken: mailbox name not allowed
554	Transaction failed
555	MAIL FROM/RCPT TO parameters not recognised or not implemented

TCP/IP error messages

The following table shows the TCP/IP error messages:

1001	General Error
1002	Invalid socket descriptor
1003	Invalid parameter
1004	It would have blocked
1005	Not enough memory in memory pool
1006	Connection is closed or aborted
1007	Socket is locked in RTX environment
1008	Socket, Host Resolver timeout
1009	Host Name resolving in progress
1010	Host Name not existing

Overview of the SSL-relevant messages

The following table shows SSL-relevant messages that are used in the SSL stack – these may change in a future update:

10064	Failed to get an IP address for the given hostname
10066	Failed to open a socket
10068	The connection to the given server / port failed
10070	Binding of the socket failed
10072	Could not listen on the socket
10074	Could not accept the incoming connection
10076	Reading information from the socket failed
10078	Sending information through the socket failed
10080	Connection was reset by peer
10082	Connection requires a read call
10084	Connection requires a write call
37520	A counter would wrap (eg, too many messages exchanged).
37648	Internal error (eg, unexpected failure in lower-level module)
37776	Unknown identity received (eg, PSK identity)
37904	Public key type mismatch (eg, asked for RSA key exchange and presented EC key)
38032	Session ticket has expired.
38160	Processing of the NewSessionTicket handshake message failed.
38288	Handshake protocol not within min/max boundaries
38416	Processing of the compression / decompression failed
38544	Hardware acceleration function skipped / left alone data
38800	The requested feature is not available
38928	Bad input parameters to function
39056	Verification of the message MAC failed
39184	An invalid SSL record was received
39312	The connection indicated an EOF
39440	An unknown cipher was received
39568	The server has no ciphersuites in common with the client
39696	No RNG was provided to the SSL module
39824	No client certification received from the client, but required by the authentication mode
39952	Our own certificate(s) is/are too large to send in an SSL message
40080	The own certificate is not set, but needed by the server
40208	The own private key or pre-shared key is not set, but needed
40336	No CA Chain is set, but required to operate
40464	An unexpected message was received from our peer
40592	A fatal alert message was received from our peer
40720	Verification of our peer failed

40848	The peer notified us that the connection is going to be closed
40976	Processing of the ClientHello handshake message failed
41104	Processing of the ServerHello handshake message failed
41232	Processing of the Certificate handshake message failed
41360	Processing of the CertificateRequest handshake message failed
41488	Processing of the ServerKeyExchange handshake message failed
41616	Processing of the ServerHelloDone handshake message failed
41744	Processing of the ClientKeyExchange handshake message failed
41872	Processing of the ClientKeyExchange handshake message failed in DHM / ECDH Read Public
42000	Processing of the ClientKeyExchange handshake message failed in DHM / ECDH Calculate Secret
42128	Processing of the CertificateVerify handshake message failed
42256	Processing of the ChangeCipherSpec handshake message failed
42384	Processing of the Finished handshake message failed
42512	Memory allocation failed
42640	Hardware acceleration function returned with error

VoIP error messages

The following table shows the user-relevant error messages:

VOIP_CALL_NO_RESULT	0
VOIP_CALL_FAIL_NO_LINK	1
VOIP_CALL_FAIL_NO_LOCAL_ADDRESS	2
VOIP_CALL_REJECTED	3
VOIP_CALL_TIMEOUT_NO_ANSWER	4
VOIP_CALL_CANCELLED	5
VOIP_CALL_DECLINED	6
VOIP_CALL_FORBIDDEN	7
VOIP_CALL_NOT_FOUND	8
VOIP_CALL_INIT_SIP_URL_ERROR	9
VOIP_CALL_CALLER_ABORT	10
VOIP_CALL_DISCONNECT	11
VOIP_CALL_PASSWORD_ERROR	12
VOIP_CALL_LINK_LOST_ERROR	13

The following table shows the internal error messages:

VOIP_CALL_INIT_PARAM_ERROR	14
VOIP_CALL_PJSIP_APP_ERROR	15
VOIP_CALL_ICE_CREATE_ERROR	16
VOIP_CALL_ICE_PROCEDURE_ERROR	17
VOIP_CALL_ICE_INVITE_CREATION_ERROR	18
VOIP_CALL_ICE_REINVITE_CREATION_ERROR	19
VOIP_CALL_ICE_REINVITE_SEND_ERROR	20
VOIP_CALL_ICE_UPDATE_CREATION_ERROR	21
VOIP_CALL_ICE_UPDATE_SEND_ERROR	22
VOIP_CALL_ICE_SDP_POINTER_ERROR	23
VOIP_CALL_ICE_NEGOTIATION_FAIL_ERROR	24
VOIP_CALL_REGISTRATION_CREATION_ERROR	25
VOIP_CALL_REGISTRATION_INIT_ERROR	26
VOIP_CALL_REGISTRATION_CRED_ERROR	27
VOIP_CALL_REGISTRATION_REG_ERROR	28
VOIP_CALL_REGISTRATION_SEND_ERROR	29
VOIP_CALL_REGISTRATION_SERVER_RESPONSE_TIMEOUT	30
VOIP_CALL_REGISTRATION_RESULT_INTERNAL_ERROR	31
VOIP_CALL_REGISTRATION_SERVER_RESPONSE_ERROR	32
VOIP_CALL_PJSIP_ASSERT_ERROR	33
VOIP_CALL_AUDIO_PLAYBACK_NOT_CONNECTED_ERROR	40

GSM CME / CMS Error messages

The following tables show the user-relevant error messages:

CME Error codes

GSM Equipment related codes

0	Phone failure
1	No connection to phone
2	Phone-adapter link reserved
3	Operation not allowed
4	Operation not supported
5	PH-SIM PIN required
6	PH-FSIM PIN required
7	PH-FSIM PUK required
10	SIM not inserted
11	SIM PIN required
12	SIM PUK required
13	SIM failure
14	SIM busy
15	SIM wrong
16	Incorrect password
17	SIM PIN2 required
18	SIM PUK2 required
20	Memory full
21	Invalid index
22	Not found
23	Memory failure
24	Text string too long
25	Invalid characters in text string
26	Dial string too long
27	Invalid characters in dial string
30	No network service
31	Network timeout
32	Network not allowed - emergency call only
40	Network personalisation PIN required
41	Network personalisation PUK required
42	Network subset personalisation PIN required
43	Network subset personalisation PUK required
44	Service provider personalisation PIN required
45	Service provider personalisation PUK required
46	Corporate personalisation PIN required
47	Corporate personalisation PUK required
48	Hidden key required
49	EAP method not supported
50	Incorrect parameters
99	Resource limitation
100	Unknown
103	Illegal MS
106	Illegal ME

107	GPRS services not allowed
111	PLMN not allowed
112	Location area not allowed
113	Roaming not allowed in this location area
132	Service option not supported
133	Requested service option not subscribed
134	Service option temporarily out of order
148	Unspecified GPRS error
149	PDP authentication failure
150	Invalid mobile class
201	Alternate SIM conflict
256	Operation temporarily not allowed
257	Call barred
258	Phone is busy
259	User abort
260	Invalid dial string
261	SS not executed
262	SIM blocked
263	Invalid block
500	CTS Handover on Progress
501	Cellular Protocol Stack out of service state
502	CTS Unspecified Error
650	General AVMS error
651	Communication error
652	Session in progress
654	RDMS services are in “deactivated” state
655	RDMS services are in “prohibited” state
656	RDMS services are in “to be provisioned” state; no available NAP
772	SIM powered down
800	SIM Security unspecified error
902	No more sockets available; the maximum number has been reached
903	Memory problem
904	DNS error
905	TCP disconnection by the server
906	TCP/UDP connection error
907	Generic error
908	Fail to accept client request's
909	Data from KTCPSND/KUDPSND incoherent
910	Bad session ID
911	Session is already running
912	No more sessions can be used (maximum session number is 32)
913	Socket connection timer timeout
914	Control socket connection timer timeout
915	A parameter is not expected
916	A parameter has an invalid range of values
917	A parameter is missing
918	Feature is not supported
919	Feature is not available
920	Protocol is not supported
921	Error due to invalid state of bearer connection
922	Error due to invalid state of session
923	Error due to invalid state of terminate port data mode
924	Error due to session busy, retry later
925	Failed to decode HTTP header's name, missing ':'
926	Failed to decode HTTP header's value, missing 'cr/lf'

927	HTTP header's name is an empty string
928	HTTP header's value is an empty string
929	Format of input data is invalid
930	Content of input data is invalid or not supported
931	The length of a parameter is invalid
932	The format of a parameter is invalid

CMS Error codes

GSM Network related codes

1	Unassigned (unallocated) number
8	Operator determined barring
10	Call barred
21	Short message transfer rejected
27	Destination out of service
28	Unidentified subscriber
29	Facility rejected
30	Unknown subscriber
38	Network out of order
41	Temporary failure
42	Congestion
47	Resources unavailable, unspecified
50	Requested facility not subscribed
69	Requested facility not implemented
81	Invalid short message transfer reference value
95	Invalid message, unspecified
96	Invalid mandatory information
97	Message type non-existent or not implemented
98	Message not compatible with short message protocol state
99	Information element non-existent or not implemented
111	Protocol error, unspecified
127	Interworking, unspecified
128	Telematic interworking not supported
129	Short message Type 0 not supported
130	Cannot replace short message
143	Unspecified TP-PID error
144	Data coding scheme (alphabet) not supported
145	Message class not supported
159	Unspecified TP-DCS error
160	Command cannot be executed
161	Command unsupported
175	Unspecified TP-Command error
176	TPDU not supported
192	SC busy
193	No SC subscription
194	SC system failure
195	Invalid SME address
196	Destination SME barred
197	SM Rejected-Duplicate SM
198	TP-VPF not supported
199	TP-VP not supported
208	D0 SIM SMS storage full

209	No SMS storage capability in SIM
210	Error in MS
211	Memory capacity exceeded
212	SIM Application Toolkit busy
213	SIM data download error
255	Unspecified error cause
300	ME failure
301	SMS service of ME reserved
302	Operation not allowed
303	Operation not supported
304	Invalid PDU mode parameter
305	Invalid text mode parameter
310	SIM not inserted
311	SIM PIN required
312	PH-SIM PIN required
313	SIM failure
314	SIM busy
315	SIM wrong
316	SIM PUK required
317	SIM PIN2 required
318	SIM PUK2 required
320	Memory failure
321	Invalid memory index
322	Memory full
330	SMSC address unknown
331	No network service
332	Network timeout
340	NO +CNMA ACK EXPECTED
500	Unknown error
512	User abort
513	Unable to store
514	Invalid status
515	Device busy or invalid character in string
516	Invalid length
517	Invalid character in PDU
518	Invalid parameter
519	Invalid length or character
520	Invalid character in text
521	Timer expired
522	Operation temporary not allowed
532	SIM not ready
534	Cell broadcast error unknown
535	Protocol stack busy
538	Invalid parameter
615	Network failure
616	Network is down
639	Service type not yet available
640	Operation of service temporary not allowed
764	Missing input value
765	Invalid input value
767	Operation failed

Log

Log book entries

This appendix provides a short explanation of the messages that may appear in the alarm panel log.
Please note that many of these messages refer to specific components with the respective component numbers. For this reason, it is not possible to show the exact log messages that you would see in a particular installation in this list. The list itself is in alphabetical order according to the message text. In the “Log entry” column you will see “==” or sometimes “#”. These characters stand for zone, user or component numbers which the alarm panel has recorded for the event. In the “Explanation” column, this will be displayed as “nn” or “n”.
In the listed communication messages, “$m” stands for the type of the communication channel used.

Log book entry	Explanation
"$m Alarm OK"	Successful alarm transmission to the ARC via the corresponding transmission path (PSTN / IP / GSM / wireless mobile)
"$m Email Fail"	$m Email Fail
"$m Line Restore"	Communication channel restored
"$m Line Fault"	Communication channel fault
"$m Modem Fault"	$m modem fault
"$m Modem Restore"	$M Modem Restore
"$m fault ESCC protocol"	$m fault in communication monitoring station log
"$m Social Fail"	$M fail when sending the social care protocol
"$m SMS Fail"	$m SMS Fail communication
"$m Speech Fail"	$m Speech Dialler failed
"$m WAN fault"	Faults in the IP communication channel ○ Public area (WAN) ○ Private area (LAN) in addition to the "Ethernet communication channel" directly at the alarm panel
"$m WAN OK"	IP communication channel restored
"== A/C Fail Flt"	Extension == power supply restored
"== A/C Fail Rst"	Extension == power supply failure
"== Aux Fuse Flt"	Extension == fuse missing
"== Aux Tamper Rstr"	Extension == fuse restored
"== Aux1 O/P Flt"	Extension == power failure in output 1
"== Aux1 O/P Rst"	Extension == power in output 1 OK
"== Aux2 O/P Flt"	Extension == power in output 2 faulty
"== Aux2 O/P Rst"	Extension == power in output 2 ok
"== Miss Batt 1"	Extension == battery 1 missing
"== Batt 1 OK"	Extension == battery 1 ok
"== Miss Batt 2"	Extension == battery 2 missing
"== Batt 2 OK"	Extension == battery 2 ok

"== Ex Keys Rstr"	Tampering via too many incorrect code entries will be reset
"== Chargr 1 Flt"	Extension == battery 1 charger faulty
"== Chargr 1 RESTORE"	Extension == battery 1 charger ok
"== Chargr 2 FLT"	Extension == battery 2 charger faulty
"== Chargr 2 Restore"	Extension == battery 2 charger ok
“== Load 1 OK”	Extension == battery 1 load test OK
"== Load 2 OK"	Extension == battery 2 load test OK
"== Load 1 Fail"	Extension == load test for battery 1 failed
"== Load 2 Fail"	Extension == load test for battery 2 failed
"== Low Voltage"	Extension == power supply low
"== Low Batt 1"	Extension == battery 1 low
"== Low Batt 2"	Extension == battery 2 low charge
"== Sys Volt Flt"	Extension == system voltage fault
"== Sys Volt Rst"	Extension == system voltage repaired
"== Coms O/P Rst"	Extension == communication output restored
"== Coms O/P Flt"	Extension == communication output faulty
"== Voltage OK"	Extension == power supply OK
"Auxiliary 12V Rstr"	Alarm panel 12V output restored
"Auxiliary 12V Fail"	Alarm panel 12V output faulty
"Keypad 12V Restore"	Control panel 12V power supply restored
"24 hr Z=== Alarm"	24-hour alarm in zone n.
"24 hr Z=== OK"	24-hour alarm reset in zone n.
"24 hr Z== Alarm"	24-hour alarm in zone n.
"24 hr Z== OK"	24-hour alarm reset in zone n.
"Log out"	Logged out from the web server
"A/C restore"	Mains voltage was restored
"A/C Rstr Ptn ##"	Power supply fault in partition ## was reset
"A/C Fail Ptn ##"	Power supply fault in partition ##
"A/C fail"	No mains voltage
"Batt# Charger Rstr"	Battery # charged
"Batt# Charger Fail"	Battery # charging failure
"Battery # Load OK"	Battery # load test OK
"Batt # Load Fail"	Battery # load test failure
"Batt # Fault Rst"	Battery # failure corrected
"Batt # Low/Missing"	Battery # is low or missing
"Batt Load Tst Fail"	Battery load test failed
"Batt Low/Missing"	Battery is low or missing
"Set Fail Z=="	Arming not possible, zone == faulty or open
"Alarm CONF web server"	Alarm confirmed by web server
"Alarm CONF Z=="	Alarm confirmed by zone ==

"Alarm CONF "	Alarm confirmed on keypad
"Alarm CONF aux #"	Alarm confirmed by equipment # tampering
"Alarm CONF==ER"	Alarm confirmed by external proxy reader ==ER
"Alarm CONF =="	Alarm confirmed by extension ==*
"Alarm test call"	Test alarm has been triggered
"Alarm abort U--"	Alarm abort by user --
"Alarm Confirm K=="	Confirmed alarm control panel ==
"Alarm CONF CDV=="	Confirmed alarm wireless control panel ==
"Alarm CONF bell #"	Confirmed alarm sounder#
"Alarm sound generator"	Confirmed alarm sound generator
"Alarm CONF siren =="	Confirmed alarm siren ==
"Alarm CONF WAM =="	Confirmed alarm WAM ==
"AlarmCONF Z=="	Confirmed alarm zone ===
"Alarm CONF panel lid"	Confirmed alarm control panel tampering
"Alarm CONF aux"	Confirmed alarm connected accessories
"Alarm confirm"	Confirmed alarm
"Alarm CONF RPT=="	Confirmed alarm repeater
"Alarm CONF panel jam"	Confirmed alarm control panel jamming
"Log in"	Logged in to the web server
"ATE L.F. All"	All alarm transmission unit lines are faulty
"ATE L.F. Single"	One alarm transmission unit line is faulty
"ATE L.F. Restore"	All alarm transmission unit lines are repaired
"Auto Part Set #"	System # internally automatically activated
"Auto System Unset"	System automatically deactivated
"Auto System Set"	System automatically activated
"Auto Ptn # Set"	Partition # automatically activated
"Auto Ptn # Unset"	Partition # automatically deactivated
"Autoset off Ptn #"	Autoset partition # is disarmed
"Autoset on Ptn #"	Autoset partition # is activated
"Autoset defer U--"	Autoset was shunted by user --
"AS defer U-- P#"	User -- has delayed autoset of partition #
"Autoset off"	Autoset is switched off
"Autoset on"	Autoset is switched on
"Autoset Fail P#"	Autoset partition # is faulty
"Auto Ptn # PtSet"	Partition # internally automatically activated
"Aux # Tamper Rstr"	Tampering with the power supply, external device # reset
"Aux. 14V4 # Fail"	Alarm panel 14 V output faulty
"Aux Tamper Rstr"	Tampering with the power supply, external device reset
"Aux # Tamper"	Tampering with the power supply, external device #
"Aux 14V4 # Rstr"	Alarm panel 14 V output OK
"Aux Tamper"	Tampering with the power supply, external device
"U-- Sys. PtSet #"	User -- has part set the system
"U-- Set Override"	User -- has cancelled system activation

"U-- Download Fail"	User == download failure
"U-- Config Change"	The configuration was == changed by the user
"U--- PtSet # Exit"	User -- has started the output delay from output #
"U--- Medical Alm"	Medical emergency alarm triggered by user --
"U-- Panel Restart"	User -- has restarted the alarm control panel
"U--- Duress Restr"	Duress alarm from user == reset
"U--- Duress"	Duress alarm from user ==
"U--- Shunt Code"	Shunt code from user -- entered
"U-- Spch Tel = Chg"	User -- has changed a number on the speech dialler
"U-- System Exit"	User -- has started the exit delay
"U--- Ptn ## Exit"	User -- has activated the output delay in partition ##
"U--- Ptn ## Duress Rstr"	Duress alarm from user == in partition ## reset
"U--- Ptn ## Duress"	Duress alarm from user == in partition ##
"U-- Override"	User -- has activated system despite warning
"Low Battery Z==="	Low battery zone ===
"Low battery Z===restore"	Battery zone === restore
"Low Battery Z== restore"	Battery zone == restore
"Low Battery Z =="	Low battery zone ==
"Low Batt Restore"	Battery is OK
"Batt Low"	Low battery
"Fire Restore"	Fire alarm on control panel == reset
"K== Excess Keys"	Tampering via too many incorrect code entries on the control panel ==
"CDV== Fire"	Fire alarm on control panel == triggered
"CDV== Medical"	Control panel == medical alarm has been triggered
"CDV== HUA"	Control panel == hold up alarm has been triggered
"Occupancy Set W#"	Event log used by #
"U-- Change U =="	User -- has changed the code for user ==
"U-- On-Site"	User -- has opened the menu
"U-- Off-Site"	User -- has exited menu
"U-- Delete U =="	User -- has deleted user --
"U-- System Set"	User -- has activated the system
"U-- System Unset"	System unset by user --
"U-- System Reset"	User -- has reset the system
"U-- Ptn # Set"	User -- has activated partition #
"U-- Ptn # Unset"	User -- has disarmed partition #
"U-- Ptn # PtSet"	User -- has internally activated partition #
"U-- Ptn # Reset"	User -- has reset partition #
"U-- On-Site (Web)"	User -- has opened the web menu
"U-- Off-Site (Web)"	User -- has exited web menu
"U-- Time/Date"	User -- has changed time/date
"U-- Z == Omit"	User -- has omitted zone ==
"U-- Z === Omit Rst"	User --- has reactivated zone ===
"U-- Z === Omit"	User --- has omitted zone ===

"U--- Z=== HUA Omit"	Zone === hold up via user --- omitted
"U-- Soc. Emergency"	User -- has triggered an emergency social care call
"U-- Rem Download"	User == remote download successful
"Keypad == found"	New control panel == found
"Kpd == deleted"	Control panel == deleted
"Keypad == added"	Control panel == has been added
"RK== Excess Keys"	Tampering via too many incorrect code entries on the control panel ==
"Missing K=="	Control panel == missing
"Missing K== Restore"	Control panel == is restored
"U-- Ptn # Override"	User -- has activated partition # despite warning
"Care U-- Low Bat"	Care alarm battery low
"CO Z== Alarm"	Carbon monoxide alarm zone ==
"CO Z== Restore"	Carbon monoxide alarm zone == reset
"Excess Keys"	Tampering via too many incorrect code entries
"Codes Defaulted"	Codes have been reset to factory settings. Codes have been deleted and re-entered.
"Downloader Lockout"	Downloader locked out
"Wired SRN== Fault"	Wired sounder fault== Check the wiring between the TRB(Trouble) connection and 0 V as well.
"Wired SRN== Fault OK"	Wired sounder fault== has been reset
"Dup. == Restore"	Error: address given twice has been corrected
"Duplicate =="	Error: address given twice
"Burg Z== Alarm"	Burglar alarm zone ==
"Burg Z== Restore"	Burglar alarm zone == reset
"Burg Z=== Alarm"	Burglar alarm zone ===
"Burg Z=== Restore"	Burglar alarm zone == reset
"Entry Started Z==="	Zone === entry delay started
"Entry Stray Z=="	Straying from entry route, zone === triggered
"Entry Stray Z==="	Straying from entry route, zone === triggered
"Set Z=== Shunted"	Settings from zone === were shunted
"Config Change"	The configuration was changed
"Email error ---"	Email error ---
"Email error $w"	Email error "w
"Email Test Call"	Email Test Call
"Expndr == found"	New extension == found
"Expndr == deleted"	Extension == was deleted
"Expndr == added"	New extension == has been added
"Ext A/C Rstr Z=="	Z== external supply voltage restored
"Ext A/C Rstr Z==="	Z=== external supply voltage restored
"Ext A/C Fail Z=="	External fault with Z== supply voltage
"Ext A/C Fail Z=="	External fault with Z=== supply voltage
"Ext Batt Fault Z=="	Z== external battery fault
"Ext Batt Flt Z==="	Z=== external battery fault
"Ext Batt Rstr Z=="	Z== external battery restore

"Ext Batt Rstr Z==="	Z=== external battery restore
"Ext DC Rstr Ptn ##"	External direct current in partition ## restored
"Ext DC Fail Ptn ##"	External direct current in partition ## faulty
"Ext Low Volts Z=="	Z== low voltage in external power supply
"Ext Low Volts Z==="	Z=== low voltage in external power supply
"Ext PSU Fault Z=="	Z== external power supply fault
"Ext PSU Restr Z==="	Z=== external power supply restore
"Ext PSU Rstr Z=="	Z== external power supply restore
"Ext PSU Fail Z=="	Z=== external power supply fault
"Ext Volts Rst Z==="	Z=== external power supply restore
"Ext Volts Rstr Z=="	Z== external power supply restore
"External DC Fail"	External failure in the direct current
"Remote U-- Low Bat"	User -- remote control battery is low
"CDV== SUPERV fail"	Remote control device == Warning: radio monitoring fault detected
"CDV== Superv Rstr"	Remote control device == radio monitoring restored
"Missing == Rstr"	Extension == restored to system
"Missing == Rstr"	Missing control panel == is accessible again
"Missing =="	Extension == missing
"Missing =="	Control panel == missing
"Missing ==ER Rs"	External proxy reader == restored on control panel
"Missing ==ER"	External proxy reader == missing on control panel
"Remote Reset"	System was reset remotely
"Remsvc Complete"	Remote servicing successfully completed
"Fire alarm error was reset P#"	Fire partition # OK
"Fire Restore"	Fire alarm was reset
"Fire Restore"	Fire alarm on control panel reset
"Fire Reset"	Fire alarm was reset
"Fire Z== Alarm"	Fire alarm zone ==
"Fire Z== Restore"	Fire alarm zone == was reset
"Fire Z=== Alarm"	Fire alarm zone ===
"Fire Z=== Restore"	Fire alarm zone == was reset
"Fire alarm"	Fire alarm triggered on control panel
"Fire K== Alarm"	Fire alarm on control panel == triggered
"CDV## Care Emergency"	Remote control device ## care alarm triggered
"CDV== 4/6 Mismatch"	Remote control device == Wrong code length (4/6)
"CDV== low batt"	Remote control device battery low ==
"RK == Ex Keys Rstr"	Tampering via too many incorrect code entries on the wireless control panel == have been reset
"CDV== PSU Restore"	Remote control device == external power supply restored
"CDV== PSU Fail"	Remote control device == external power supply failure
"CDV== RF OK"	Wireless control panel == wireless connection ok
"CDV== RF Warning"	Wireless control panel == no wireless connection with the alarm panel for over 15 min
"CDV== SUPERV rstr"	Remote control device radio monitoring == restored

"CDV== SUPERV fail"	Remote control device == radio monitoring failure
"Enabled =="	...is enabled
"CDV== Tamper Rstr"	Remote control device == Tampering reset
"CDV== Tamper"	Remote control device == Tampering triggered
"RSN== Battery Rstr"	Radio siren == battery OK
"RSN== Low Battery"	Radio siren == low battery
"RSN== Tamper Rstr"	Radio siren == tampering error was reset
"RSN== Tamper"	Radio siren == tampering
"RSN== Superv Fail"	External siren == radio monitoring fault
"RF Failure Restore"	Radio frequency failure rectified
"RF Failure"	Radio frequency failure
"Lid Tamper Restore"	Tampering with alarm control panel housing has been reset
"Panel lid open"	Tampering with alarm control panel housing
"Disabled == "	...is disabled
"Glass Brk Rst Z==="	Glass breakage zone == was reset
"Glass Brk Z==="	Glass breakage detected in zone ==
"GSM CME Info --"	GSM CME info --
"GSM CME Info $w"	GSM CME info $w
"GSM CMS Info --"	GSM CMS info --
"GSM CMS Info $w"	GSM CMS info $w
"H/M== Tamper"	Housing opened at the hybrid module
"H/M== Tamper OK"	Housing closed at the hybrid module
"H/M== PSU battery empty"	Hybrid module power supply battery empty
"H/M== PSU battery OK"	Hybrid module power supply battery OK
"H/M== Superv fault"	No wireless connection with hybrid module for over 2 h
"H/M== Superv OK"	Wireless connection with hybrid module OK
"H/M== RF warning	No wireless connection with hybrid module for over 20 min
"H/M== RF OK"	Wireless connection with hybrid module OK
"H/M== Jamming"	Hybrid module detected jamming
"H/M== Jamming OK"	No jamming at the hybrid module
"H/M== AC PSU fault	230 V power supply fault at hybrid module
"H/M== AC PSU OK"	12 V power supply fault rectified at hybrid module
"H/M== DC fault"	12 V power supply fault at hybrid module
"H/M== DC OK"	12 V power supply fault rectified at hybrid module
"H/M== Aux fault"	12 V output power supply fault at hybrid module
"H/M== Aux OK"	12 V output power supply fault rectified at hybrid module
"H/M== Sounder tamper"	Sounde rhousing opened, TR input at hybrid module
"H/M== Sounder tamper OK"	Sounde rhousing closed, TR input at hybrid module
"Social Inactive P#"	Emergency social care call in partition # triggered due to inactivity
"Indoor sounder== Tamper"	Housing opened at the indoor sounder
"Indoor sounder== Tamper OK"	Housing closed at the indoor sounder
"In-SG== Low batt"	Indoor sounder batteries flat
"In-SG== Low batt OK"	Indoor sounder batteries OK

"Indoor sounder== LT sup fault"	No wireless connection with indoor sounder for over 2 h
"Indoor sounder== LT sup fault OK"	Indoor sounder wireless connection OK
"Indoor sounder== RF warning"	No wireless connection with indoor sounder for over 20 min
"Indoor sounder== RF OK"	Indoor sounder wireless connection OK
"Indoor sounder== Jamming"	Indoor sounder detected jamming
"Indoor sounder== Jamming OK"	No jamming at the indoor sounder
"Indoor sounder== PSU fault"	12 V power supply fault at indoor sounder
"Indoor sounder== PSU fault OK"	12 V power supply fault rectified at indoor sounder
"IP device disc."	IP device disconnected
"IP device connected"	IP device connected
"IP Polling Restore"	IP polling restored
"IP Polling Fault"	IP polling fault
"IP Z=== HTTP Err."	IP zone === HTTP Error
"IP Z=== Miss Rest."	IP zone === reconnected
"IP Z=== Missing"	IP zone === zone missing
"IP Z=== Timeout"	IP zone === Timeout
"IPZ=== IP Err 404"	IP zone === IP error "page not accessible"
"IPZ=== IP Err Auth"	IP zone === IP authorisation error
"Jamming == Rstr"	Extension == Jamming repaired
"Jamming =="	Extension == Jamming detected
"Comms 12V Restore"	Communication in the 12V power supply restored
"Comms 12V Fail"	Communication fault in the 12V power supply
"Comms Fail"	Communication failure
"Configuration Fail"	False configuration
"Sound generator # 12 V OK"	12 V sound generator # restored
"Sound generator # 12 V fault"	12 V fault in sound generator #
"Low Batt # Restore"	Battery # is OK
"Low Battery #"	Battery # is empty
"LO"	Login has been cancelled.
"Lockset Z=== Set"	Lock zone === has been activated
"Lockset Z=== Unset"	Lock zone === has been deactivated
"Log Event Types"	Log event types
"Log Search Cleared"	Log search ended
"Mask Restore Z==="	Masking fault zone === restored
"Mask Z==="	Masking zone ===
"Mask Fault Z==="	Masking fault zone ===
"Medi U-- Low Bat"	User's medical emergency alarm -- has a low battery
"Medical Alarm"	Medical emergency alarm triggered via control panel
"Medical Restore P#"	Medical alarm partition # restored
"Medical Restore"	Medical alarm has been restored
"Medical K== Alarm"	Medical emergency alarm via control panel == triggered
"Detector Flt Z==="	Zone === Terminal resistance fault
"Det Restore Z==="	Zone === Terminal resistance fault has been reset

"Soak Fail Z =="	Zone == soak fail
"Log Only"	Log only
"Batt Fault Restore"	Battery failure corrected
"External DC Rstr"	External failure in direct current restored
"Perim. Warn. Z=="	Perimeter breach alarm ==
"Social Emergency"	Care alarm triggered on control panel
"Pend U-- Low Bat"	User's care alarm -- has a low battery
"Bad Checksum"	Bad checksum
"PSTN Line Restore"	Communications fault on telephone line repaired
"PSTN Line Fault"	Communications fault on telephone line
“REP== low batt"	Repeater == battery empty
“REP== jamming Rstr"	Repeater == no jamming on the repeater
“REP== jamming"	Repeater == jamming identified
“REP== PSU failure Rstr"	Repeater == no power supply failure on the 12V input
"REP== PSU failure"	Repeater == power supply failure on the 12V input
"REP== RF warning"	Repeater == no wireless connection with the alarm panel for over 15 min
“REP== tamper Rstr"	Repeater == tamper restore
“REP== tamper"	Repeater == tamper
“REP== SUP failure Rstr"	Repeater == wireless monitoring failed, has been reset
“REP== SUP failure"	Repeater == wireless monitoring failed
"RF Jamming Restore"	Radio overlay OK
"RF Jamming"	Radio overlay
"Tamper ==ER Rst"	External proxy reader tampering == was reset
"Tamper ==ER"	External proxy reader tampering ==
"Tamper == Rstr"	Extension == tampering error was reset
"Tamper == Rstr"	Control panel == tamper alarm was reset
"Tamper =="	Extension == tampering triggered
"Tamper =="	Tamper alarm via control panel ==
"Tamper K== Restore"	Control panel == tamper alarm was reset
"Tamper K=="	Control panel == tamper alarm
"Tamper Z== Restore"	Tampering in zone == reset
"Tamper Z=="	Zone == tampering
"Tamper Z==="	Zone == tampering
"Tamper Z=== Restore"	Tampering in zone === reset
"Bell # Tamper Rstr"	Sounder # sabotage alarm was reset
"Bell # Tamper"	Sounder # sabotage alarm
"Bell Tamper Rstr"	Sounder sabotage alarm was reset
"Bell Tamper"	Sounder sabotage alarm
"Key Box Open Z==="	Key box open zone ===
"Key Box Close Z=="	Key box closed zone ===
"Key Box Open Z=="	Key box open zone ===
"Key Box Close Z=="	Key box closed zone ===
"Lock Sab Rst Z==="	Entry attempt zone == was reset

"Lock Sab Z==="	Entry attempt zone ==
"Key Sw Ptn # Set"	Partition # has been activated by the key switch
"Key Sw Ptn # Unset"	Partition # has been deactivated by the key switch
"Key Sw System Set"	System has been activated by the key switch
"Key Sw System Unset"	System has been deactivated by the key switch
"Key Sw System PtSet"	System has been activated internally by the key switch
"Key Sw Ptn # PtSet"	Partition # has been activated internally by the key switch
"SD Card Error or Not Fitted"	SD memory card error or card not fitted
"Shunt Group ## OFF"	Group ## shunting OFF
"Shunt Group ## ON"	Group ## shunting ON
"SRN== Superv Rstr"	Radio siren == radio monitoring restored
"SRN== Superv Fail"	Radio siren == radio monitoring faulty
"RSN== Superv Rstr"	External siren == radio monitoring restored
"RSN== Jamming Rstr"	Radio siren == jamming repaired
"RSN== Jamming"	Radio siren == jamming detected
"RSN== Fault Rstr"	Radio siren == fault repaired
"RSN== Fault"	Radio siren == fault
"Software changed"	The software has been changed
"Spch Tel = Ack All"	Speech dialler settings: All those called must acknowledge
"Spch Tel = No Ack"	Speech dialler settings: No acknowledgement required
"Speech Tel = Ack"	Speech dialler settings: Anyone called must acknowledge
"SRN== RF OK"	Wireless siren == wireless connection ok
"SRN== RF Warning"	Wireless siren == no wireless connection with the alarm panel for over 15 min
"PLGON Line Restore"	Integrated module in alarm panel reports communication channel OK
"PLGON Line Fault"	Integrated module in alarm panel reports faulty communication channel
"Keypad 12V Fail"	Control panel 12V power supply failure
"Set Fail Z==="	Arming not possible, zone == faulty or open
"Autoset Fail"	Autoset has failed
"Ext WD Fault Z==="	Z=== external wired sounder fault
"Remsvc Comms Fail"	Communications fault in remote servicing
"Soak Fail Z === Alm"	Soak fail zone === alarm triggered
"Soak Fail Z === Tmp"	Soak fail zone === tamper triggered
"Ext WD Restr Z==="	Z=== external wired sounder restore
"Soak Fail Z ==="	Zone === soak fail
"System 12V Restore”	12 V system supply restored
"System 12V Fail”	12 V System Fail
"System Tamper OK"	System Tamper was reset
"System Tamper"	System Tamper triggered
"System Rearmed"	System was rearmed
"System error"	Fault in main processor of alarm control panel. Try restarting.
"System start"	The system has been restarted after a power failure (main power supply and battery).
"Ptn # Remote Rst"	Partition # has been reset by the remote control device

"Tech Z== Alarm"	Technical alarm in zone ==
"Tech Z== Restore"	Technical alarm in zone == was reset
"Tech Z=== Alarm"	Technical alarm in zone ===
"Tech Z===Restore	Technical alarm in zone === was reset
"Partn # Rearmed"	Partition # was rearmed
"Test Call OK"	Test call successful
"Test Call Fail"	Test call failed
"SMS Test Call"	Emergency social care test call carried out
"SMS Test Call"	SMS test call carried out
"Speech Test Call"	Speech dialler test call carried out
"Sound generator # Tamper OK"	Sabotage alarm sound generator # was reset
"Sound generator # Tamper"	Sabotage alarm sound generator # Check the wiring between the TR(tamper return) connection and 0 V as well.
"Sound generator tamper OK"	Sabotage alarm sound generator was reset
"Sound generator tamper"	Sabotage alarm sound generator Check the wiring between the TR(tamper return) connection and 0 V as well.
Trace	Trace ==
"Door PSU Fail Z==="	Door fault in the power supply zone ==
"Door PSU OK Z==="	Door power supply zone == OK again
"Dr Lock # Low Batt"	Battery empty at door lock #
"All Comms Pths Flt"	Faulty transmission along all communication paths
"All Comms Pths Rst"	Transmission along all communication paths restored
"Pri Comms Path Flt"	Primary transmission path fault
"Pri Comms Path Rst"	Primary transmission path repaired
"Sec Comms Path Flt"	Secondary transmission path fault
"Sec Comms Path Rst"	Secondary transmission path repaired
"HU K== Alarm"	Hold up alarm on control panel == triggered
"HUA Conf ==ER"	Hold up alarm confirmed by external proxy reader ==
"HUA Conf Panel Jam"	Hold up alarm confirmed by radio overlay of the alarm control panel
"HUA Restore P#"	Hold up alarm in partition # was reset
"HUA Restore"	Hold up alarm has been reset
"HUA Restore"	Hold up alarm has been reset
"HUA Restore"	Hold up alarm was reset
"HUA Z=== Alarm"	Hold up alarm in zone ==
"HUA Z=== Restore"	Hold up alarm in zone == was reset
"HUA Z== Alarm"	Hold up alarm in zone ==
"HUA Z=== Restore"	Hold up alarm in zone == was reset
"HUD Fault Z==="	Fault with hold up zone === has been reset
"HUA Confirm =="	Hold up alarm confirmed via sabotage sensor on WUM --
"HUA Confirm =="	Hold up alarm confirmed via control panel ==
"HUA Confirm Aux #"	Hold up alarm confirmed via external power supply to equipment #
"HUA Confirm Aux"	Hold up alarm confirmed via external power supply to the equipment
"HUA Confirm CDV=="	Hold up alarm confirmed via remote control device #
"HUA Conf HD =="	Hold up alarm confirmed via panic transmitter

"HUA Confirm sound generator #"	Hold up alarm confirmed by sound generator #
"HUA Confirm Sound Generator"	Hold up alarm confirmed by sound generator
"HUA Cnf RF HD U---"	Hold up alarm confirmed via user's emergency call transmitter ==
"HUA Confirm Pa CDV=="	Hold up alarm confirmed via HUA keys on wireless control panel.
"HUA Confirm SRN=="	Hold up alarm confirmed via external siren --
"HUA Cnf RF MD U---"	Hold up alarm confirmed via user's dead man switch ==
"HUA Confirm WAM=="	Hold up alarm confirmed via WUM
"HUA Confirm Websvr"	Hold up alarm confirmed by web server
"HUA Confirm Z==="	Hold up alarm confirmed from zone ==
"HUA Conf Panel Lid"	Hold up alarm confirmed by tamper contact with the alarm control panel
"Hold Up Alarm"	Hold up alarm triggered on control panel
"HUD Fault Z ==="	Fault with hold up zone ===
"Override"	System has been activated despite warning
"HUA U-- -- Alarm"	Alarm triggered by remote control of user --
"HUA U-- Low Batt"	User's remote control device -- has a low battery
"Invalid"	Invalid
"WAM== Superv Fail"	WAM == Wireless monitoring failed
"WAM== Battery Rstr"	WAM== Battery Rstr
"WAM== Low Battery"	WAM== Low Battery
"WAM== PSU Restore"	WAM== Fault with power supply
"WAM== PSU Fail"	WAM == Power supply restore
"WAM== RF OK"	WAM == wireless monitoring restore
"WAM== RF Warning"	WAM == no wireless connection with the alarm panel for over 15 min
"WAM== Tamper Rstr"	WAM== Tampering restore
"WAM== Tamper"	WAM== Tampering
"WAM== Sndr Tamper"	WAM== Sounder tampering
"WAM== Sndr Trouble"	WAM== Sounder fault
"WAM== Sndr Tmp Rst"	WAM== Sounder tampering restore
"WAM== Sndr Trb Rst"	WAM== Sounder trouble reset
"WAM== Superv Rstr"	WAM == Wireless monitoring restore
"WAM== Superv Rstr"	WAM == Wireless monitoring restore
"WAM== SupervFail"	WAM== Wireless monitoring failed
"Flood Z== Alarm"	Flood detector zone == Alarm"
"Flood Z== Restore"	Flood detector zone == was reset
"Websvr Excess Keys"	Tampering via too many incorrect code entries on the webserver access
"Websvr Ex Keys Rst"	Tampering via too many incorrect code entries on the webserver access, has been reset
"Defaults Loaded"	System set to default settings
"WSN== Trouble Rstr"	Fault with wired sirens has been reset
"WSN== Trouble"	Wired sounder fault
"Z== Follow Photos"	Photos were recorded because zone === was triggered.
"Z== PSU Rst"	Zone == smoke detector power supply unit fault reset
"Z== PSU Flt"	Zone == smoke detector power supply unit fault
"Z== Smoke PSU Rst"	Zone === smoke detector power supply unit fault reset

"Z== Smoke PSU Flt"	Zone === smoke detector power supply unit fault
"Z== Smoke Flt Rst"	Zone === smoke detector fault reset
"Z== Smoke Flt Rst"	Zone == smoke detector fault reset
"Z== Smoke Flt"	Zone == smoke detector fault
"Z== RF OK"	Zone === wireless connection ok
"Z== RF Warning"	Zone == no wireless connection with the alarm panel for over 15 min
"Z== Superv Rstr"	Zone == wireless monitoring restore
"Z== Superv Fail"	Zone == wireless monitoring failed
"Z=== Open"	Zone === is open
"Z== Closed"	Zone === closed
"Z=== UnShunted"	Zone === was not shunted
"Z=== Smoke Flt"	Zone === smoke detector fault
"Z=== RF Warning"	Zone === no wireless connection with the alarm panel for over 15 min
"Z=== Superv Restr"	Zone === wireless monitoring restore
"Z=== Superv Fail"	Zone === wireless monitoring failed
"Z=== Shunted"	Zone === was shunted
"Z== Mon. OK"	Zone == wireless monitoring restore
"Panel A/C Restore"	Power supply to the alarm panel restored
"Panel A/C Fail"	Fault in power supply to alarm panel
"Panel Excess Keys Restore"	Tampering via too many incorrect code entries on the alarm panel has been reset
"Panel Excess Keys"	Tampering via too many incorrect code entries on the alarm panel
"Panel Ext DC Restore"	External power supply to alarm panel restored
"Panel Ext DC Fail"	Fault in external power supply to alarm panel

User numbers

S/W >=1.01.00

User number	Explanation
00	Installer
01	Administrator
02-50	User
51	Quick Set/Quick Set keys pressed
52	Level 4/user access level 4
53	System/alarm control panel e.g. for summer/winter time change B053 time/date System 03:00:00 27/03/2015
54	Key switch
55	ARC/ESCC remote access, reset
56	Downloader
57	Virtual keypad via WBI
58	RF process
59	Alarm control panel output (without user code), status changes on the alarm control panel
60	IP Finder, ABUS IP installer This user number is recorded if the IP Finder application is used to find Secvest in the network. Name, IP address, type, status and MAC address can be determined with the IP Finder.
61	ABUS server DDNS client This user number is recorded as part of the configuration change, while the assigned ID is received after the device is added to the ABUS server.

S/W <1.01.00

User number	Explanation
00	Installer
01	Administrator
02-50	User
51	Quick Set/Quick Set keys pressed
52	System/alarm control panel e.g. for summer/winter time change B053 time/date System 03:00:00 27/03/2015
53	Key switch
54	ARC/ESCC remote access, reset
55	Downloader
56	Virtual keypad via WBI
57	RF process
58	Alarm control panel output (without user code), status changes on the alarm control panel
59	IP Finder, ABUS IP installer This user number is recorded if the IP Finder application is used to find Secvest in the network. Name, IP address, type, status and MAC address can be determined with the IP Finder.
60	ABUS server DDNS client

	This user number is recorded as part of the configuration change, while the assigned ID is received after the device is added to the ABUS server.

Troubleshooting

Manual restart (switching off and switching back on)

S/W >=1.01.00

This is helpful for some problems, to reset the alarm panel to a defined initial state. All the settings and configurations are retained.

Note

A restart is only possible when

all partitions are "disarmed" and

the alarm panel has completed all important communications, transmissions and actions.

There are three ways to do this

[1] In the user menu on the alarm panel when logged in as administrator

[2] In the user menu on the web server when logged in as administrator

[3] On the alarm panel by pressing the "Up" and "Down" navigation keys

[1] Alarm panel user menu

User menu -> Configuration -> Functions -> Restart alarm panel

You can use this to restart the alarm panel manually.

Note

This menu item is only visible to the administrator, i.e. the administrator must be logged into the system.

Select "Restart alarm panel" by pressing the "Change" menu key.

You are prompted for confirmation.

Press the "Yes" menu key.

At this point you can still cancel the restart.

Press "Back".

[2] Web server user menu

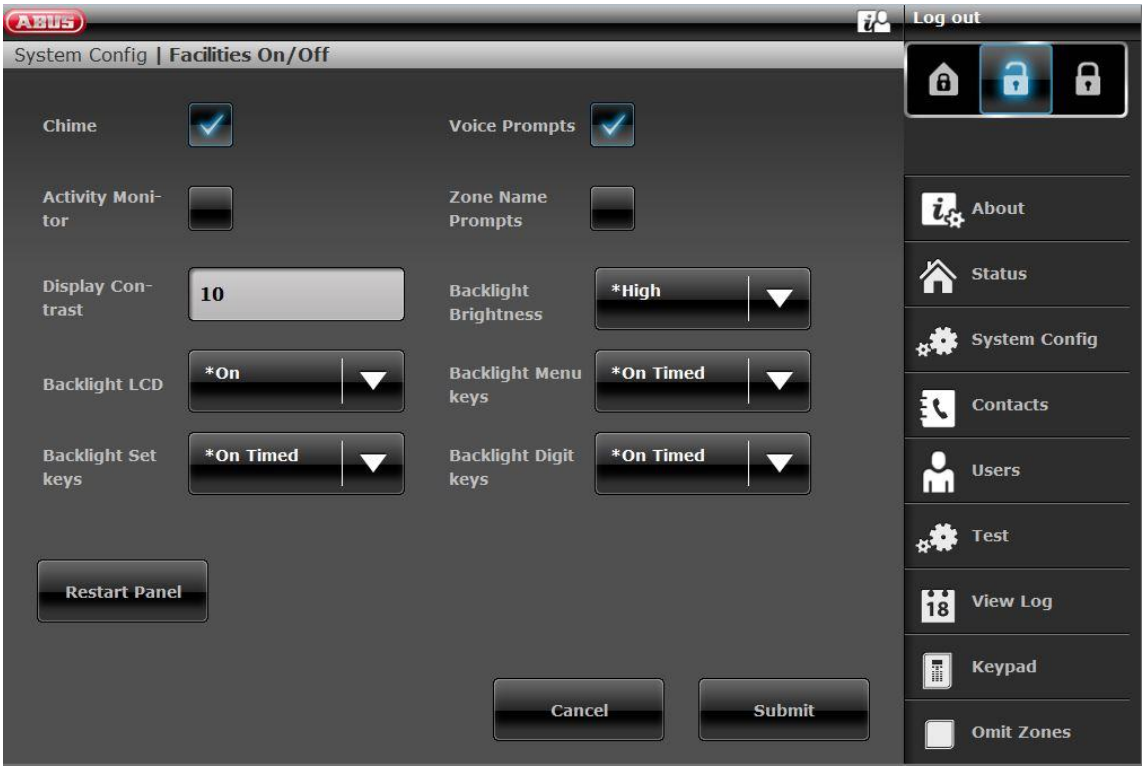
User menu -> Configuration -> Functions -> Restart alarm panel

You can use this to restart the alarm panel manually.

Note

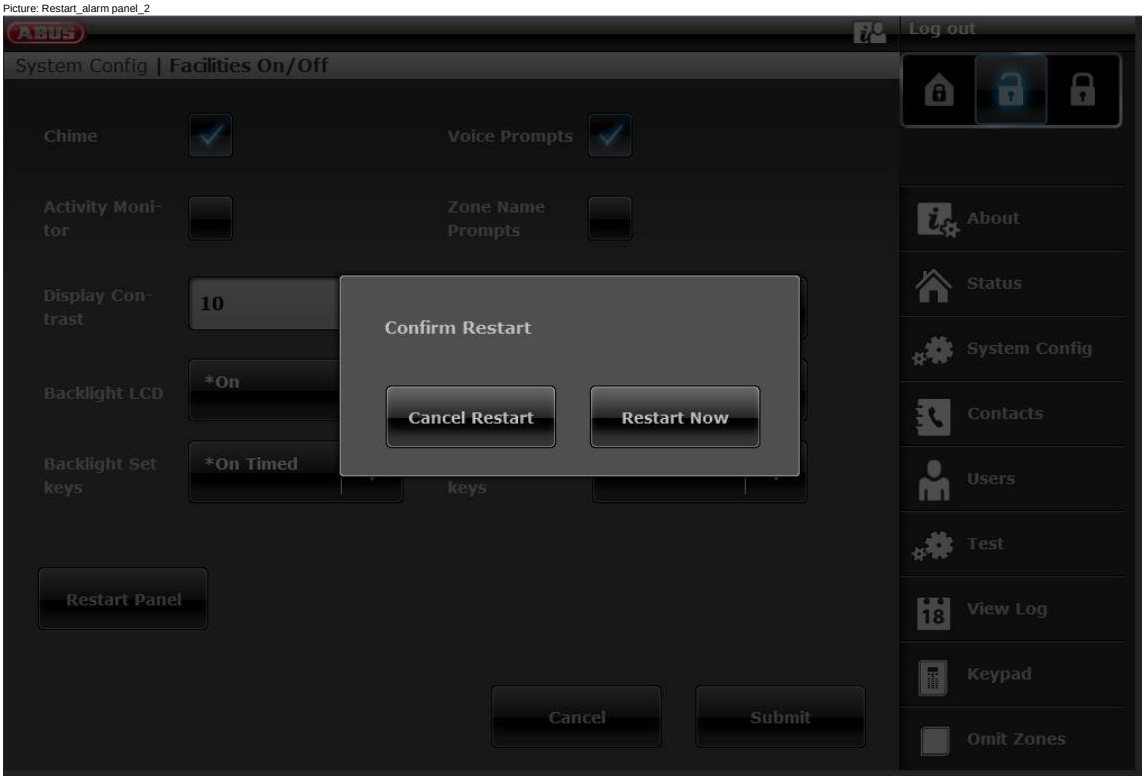
This menu item is only visible to the administrator, i.e. the administrator must be logged into the system.

Picture: Restart_alarm panel_1



Click on "Restart alarm panel".
You are prompted for confirmation.

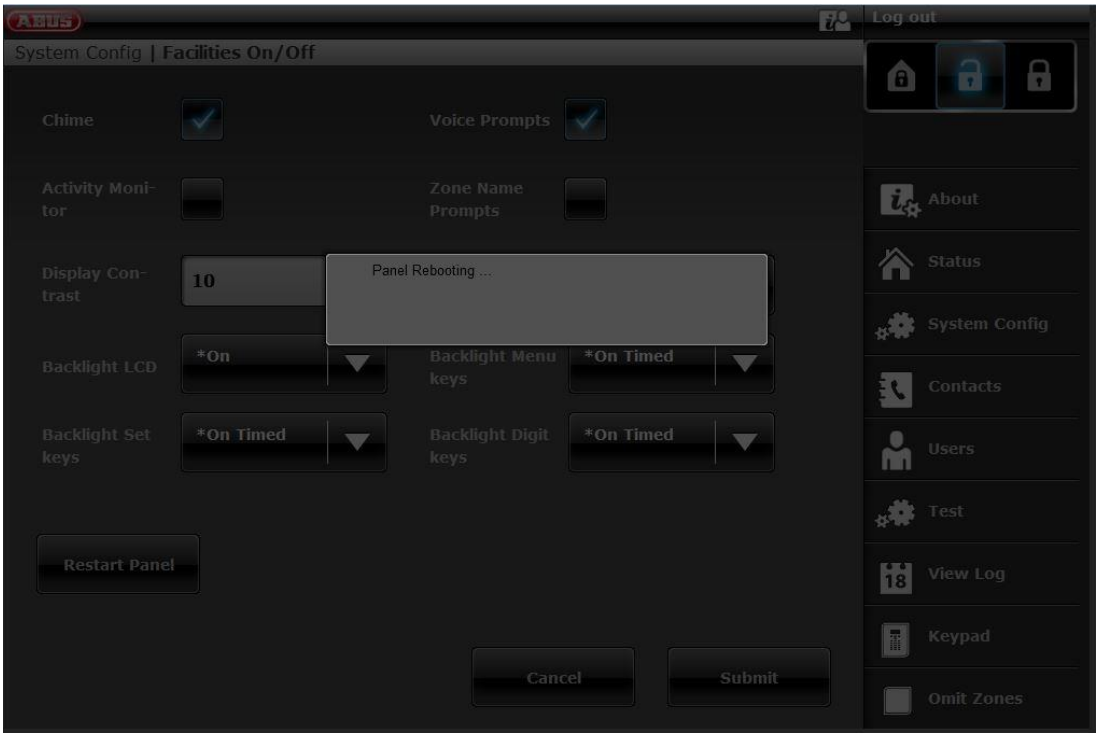
Picture: Restart_alarm panel_2



Click on "Restart alarm panel" again.
At this point you can still cancel the restart.
Click on "Cancel restart".

The restart is displayed as shown below.

Picture: Restart_alarm panel_3



After the restart you are automatically logged out of the web server. If you wish to continue working on the web server, please log in again with your user name and password.

[3] Alarm control panel – "Up" and "Down" navigation keys

Hold down the "Up" and "Down" navigation keys simultaneously for longer than five seconds.

Installer in installer mode:

If the "Up" and "Down" navigation keys are held down simultaneously for longer than five seconds the alarm panel is restarted immediately.

Administrator in the user menu:

If the "Up" and "Down" navigation keys are held down simultaneously for longer than five seconds the alarm panel is restarted immediately.

Alarm panel in standby mode:

If the "Up" and "Down" navigation keys are held down simultaneously for longer than five seconds an access code entry screen appears.
Once a valid installer code or administrator code has been entered and subsequently confirmed with "Yes" the alarm panel is restarted.

Note
SSL certificate will be created, this can take several minutes.
Network functions are not available during this time.

Note
This message will display: Network initialisation, please wait...

Carry out a GSM/wireless mobile manual test call, prepaid

Danger

and

Note

If you use a prepaid SIM card on a prepaid tariff,

e.g. CallYa, Xtra or MagentaMobil-Start

Please carry out a GSM/wireless mobile test call and/or send a GSM/wireless mobile test text message **every month** or every **three months**.

If you do not use the GSM/wireless mobile network for a long time it can be that there is:

no alarm call via GSM/wireless mobile,

no alarm SMS via GSM/wireless mobile,

and the card is temporarily locked by the network operator.

The card can no longer connect to the GSM/wireless mobile network.

You will see a fault notification on the alarm panel.

This means it is **not possible** to trigger an **alarm call** or an **alarm text message**. Furthermore, the alarm panel **cannot be contacted** via GSM/wireless mobile**.**

If the network is not used for a long time the operator may do this with contract SIM cards as well.

Therefore, please also carry out a GSM/wireless mobile test call and/or send a GSM/wireless mobile test text message **every month** or **every three months**.

GSM / Mobile communication module and Wi-Fi module

Danger

External must be used for the additional installation of the WI-FI module for the mobile communication antenna.

System -> Hardware -> Mobile antenna -> **External**

The internal wireless mobile antenna on the PCB can affect or completely suppress the connection of the Wi-Fi signal.

Diagnostic LEDs on the motherboard and GSM/wireless mobile module

LED designation on the PCB	Explanation
HEARTBEAT	Operating status display Flashing green, 1 Hz Normal operating status Secvest Update Utility in use: The "heartbeat" LED should be flashing quickly to show that the Secvest is currently working in "Update" mode. BOM: LED9 Y/G
3V3	Internal power supply 3.3 V On green Internal power supply 3.3 V is OK. BOM: LED7 Y/G
13V8	Internal power supply 13.8 V On green Internal power supply 13.8 V is OK. BOM: LED6 Y/G
ACTIVITY	Ethernet activity Off No Connection On green Connection Flashing green Activity BOM: LED10 Y/G
B1 STATUS	Battery 1 status On red Charging – preparatory treatment or constant current (CC) or constant voltage (CV). Off Charging complete Flashing red, 0.1 Hz Timer fault or cell temperature fault BOM: LED2 red
B2 STATUS	Battery 2 state On red Charging – preparatory treatment or constant current (CC) or constant voltage (CV). Off Charging complete Flashing red, 0.1 Hz Timer fault or cell temperature fault BOM: LED1 red
OFF HOOK	PSTN or a/b line status On

	The system has "lifted the telephone receiver" for PSTN Off The system has "hung up the telephone receiver" for PSTN BOM: LED3 red
RFTX	RF transmitter status On RF transmitter active Off RF transmitter not active BOM: LED4 red
STATUS (GSM/wireless mobile module)	Status GSM/wireless mobile module Off Sleep mode Flashing for 0.1 s in a period of 1 s Network search or no network status (including if the SIM card is not inserted and the PIN number is approved) Flashing for 0.1 s in a period of 3 s Connected to a 2G network Flashing for 0.1 s in a period of 0.125 s GPRS data service On Voice call BOM: LEDx red

Trace, recording communication sequences

Go to the following menu on the alarm control panel:
Installer Mode -> Info -> Communication
Press the * button and then the <x> key. Below you will learn which digit "x" may be.
A live trace buffer (live mode) is displayed.

When the trace is displayed
Press the # button to see the time stamp.
Press the * button to take a snapshot (snapshot mode). Use the up/down keys to scroll through the trace buffer. Press the * button to return to the live mode.
Press the right-hand menu key in live mode or snapshot mode to move horizontally to the right. Go back by pressing the up or down keys.
To save the relevant trace to the SD card, press key 0 in live mode or snapshot mode. After removing the SD card, the trace can also be easily evaluated on a computer.
The trace is saved as follows:
\TRACE\trace_0X.txt
Below you will learn which digit "x" may be.
Note:
">" means "outwards", the alarm control panel has sent it or it has been transferred from the alarm control panel.
"<" means "inwards", the alarm control panel has received it or it has been transferred to the alarm control panel.

S/W <= v2.01.08

X = 0 = GSM / wireless mobile (e.g. "GSM – HUAWEI MG 323-B" or "plug-by")
Communication between the motherboard and the GSM/wireless mobile module, AT commands, etc.

Example:
AT command CSQ
< +CSQ: <rssi>,<ber>

Parameter description
<rssi>: receive signal strength indicator
0: ≤ -113 dBm
1: -111 dBm
2...30: -109...-53 dBm (2dBm Schritte)
31: ≥ 51 dBm
99: unknown or immeasurable

<ber>: bit error rate in percentage. The value of **ber** can be queried only during the call processing. Otherwise, only the value **0** or **99** is returned. Currently, only the value **99** is returned.

E.g.
+CSQ: 14,99
14 = -85 dBm (Secvest display RSSI 4)

Value range of up to 0-31 represents value range from Secvest 0-9

X = 1 = Email
The communication protocol between the alarm control panel and the SMTP server.

X = 2 = VoIP SIP

The communication protocol between the alarm control panel and the VoIP server.

X = 3 = Telephone call

The telephone report from the speech dialler via a/b (PSTN) or GSM/wireless mobile
or
The telephone report from the ARC reporting via a/b (PSTN) or GSM/wireless mobile
Note
There is no communication protocol in relation to DC-09 (ARC/ESCC IP transfer).
If you would like to produce a trace of the ARC/ESCC IP transfer, please use a corresponding network tool, e.g. Wireshark. Some routers can also be used to produce network recordings. In turn, you can use Wireshark for the evaluation.

X = 4 = HTTPS client

The communication protocol between the alarm control panel and the ABUS server.

X = 5 = HTTPS server

This view shows a snapshot recording every five seconds of the currently active HTTPS connections on the web server.
Example of a snapshot:

```
00001286.98:< #  4 | up   4 | idle   1 | host 192.168.1.204:10510 | system/partitions  _=1432112428380
00001286.98:< #  3 | up   4 | idle   3 | host 192.168.1.194:54252 | logs--1
00001286.98:< #  2 | up   4 | idle   3 | host 192.168.1.194:53100 | system/partitions-2/zones
00001286.98:<HTTP(S) stats 00:21:28
```

It shows

- How long the TCP connection was (in seconds)
- How long the TCP connection was idling (in seconds)
- Host IP and port
- The requested file names, path and query string.

X = 6 = SNTP

The communication protocol between the alarm control panel and the NTP server.
Example
>***Timesync from ntp.exnet.com***

S/W >= v3.00.03

X = 0 = GSM / wireless mobile (e.g. "GSM – HUAWEI MG 323-B" or "plug-by")

See above

IP mobile / mobile

>AT+CESQ
<+CESQ: 99,99,255,255,24,47

<+CESQ: <a>, <b>, <c>, <d>, <e>, <f>

a, b
informs about the signal strength and quality in **2G**
if the current supplying wireless mobile cell is **not** a 2G cell, then it will read **99**
Value range

a = signal strength, 0 (very poor) – 63 (very good)
b = quality , 0 (very poor) – 7 (very good)

c, d

informs about the signal strength and quality in **3G**
if the current supplying wireless mobile cell is **not** a 3G cell, then it will read **255**

e, f
informs about the signal strength and quality in **4G**
if the current supplying wireless mobile cell is **not** a 4G cell, then it will read **255**
Value range
e = quality , 0 (very poor) – 34 (very good)
f = signal strength, 0 (very poor) – 97 (very good)

X = 1 = Email
See above
X = 2 = VoIP SIP
See above
X = 3 = Telephone call
See above
X = 4 = HTTPS client
See above
X = 5 = HTTPS server
See above

X = 6 = SIA-IP (DC-09)
The communication protocol between the alarm control panel and ARC/ESCC. The actual DC-09 messages are listed in ASCII notation. The display of the DC-09 messages is similar to that in the examples in chapter "Appendix B: Example Message Frames" of the DC-09 specification.

>A38700b6"*SIA-DCS"0013L0#7128[c499a115…….]….

Note
As required for DC-09, time stamps refer to GMT.

X = 7 = SNTP
The communication protocol between the alarm control panel and the NTP server.
Example
>***Timesync from ntp.exnet.com***

X = 8 = PPP
Point-to-Point Protocol
Mainly for mobile transmission
Example
>ATDT*99***1H
<CONNECT
tone dialling

X = 9 = Cloud Connection
The communication protocol between the alarm control panel and the ABUS cloud.
Example:
>Panel ID: U0yVq7k…..

X = 10 = System (**S/W >= v3.01.01)**
10 = Press the ▲ "Up" menu key
This view displays system errors

X = 11 = cameras (**S/W >= v3.01.09)**

11 = Press the ▼ "Down" menu key
This view shows communication faults between the alarm panel and the cameras.

X = 12 = ICMP Ping (**S/W >= v3.01.16)**
12 = Press the "Back" menu key
This view shows the Ping communication log between the alarm panel and the ABUS server.
Example when everything is OK:
-Ping triggered
-Trying DNS for ping.abus-server.com
-Sent ping request to 91.250.95.198
-Ping reply OK

Note
(**S/W >= v3.01.16)**
Use * followed by the 1 key and then press 1 repeatedly to cycle through the logs (the screens) of the respective communication processes.

Router, IAD, Firewall

ARC/ESCC reporting and DC-09

Note
The **TCP** internet protocol is used for the transmission. TCP uses port 9999.
If it is not possible to send messages, it may be that the firewall has also blocked various outgoing ports. Therefore, check the firewall settings on the router/IAD.

TCP port 9999 uses the Transmission Control Protocol. TCP is one of the main protocols used in TCP/IP networks. TCP is a connection-based protocol; it requires handshakes to set up end-to-end communication. Only once a connection has been established can user data be sent bidirectionally via the connection.
Note: TCP guarantees the delivery of data packets to port 9999 in the order in which they are sent. Guaranteed communication via TCP port 9999 is the main difference between TCP and UDP.

Time zones

A time zone is an area consisting of several countries and parts of larger countries in which the same officially-regulated time applies.

The zone time indicates the difference between the local time and UTC (Coordinated Universal Time), otherwise known as GMT (Greenwich Mean Time).

For example, the time in Germany is:

- Winter time: UTC/GMT +1
- Summer time: UTC/GMT +2

Landline notification centre

Germany

F-SMSC operator	Protocol	Service Centre Tel.
Materna	UCP 8N1	09003 266 9002
Telekom		01930105

Additional information can be found here:

Materna
http://www.sms-im-festnetz.de/sms/

Telekom

http://hilfe.telekom.de/hsp/cms/content/HSP/de/12556/Startseite/SMS;jsessionid=1620596013AB81A8BADD3E34609A213F

http://hilfe.telekom.de/hsp/cms/content/HSP/de/12538

GSM network notification centre

In order to send a text message (SMS) to a predefined telephone number if an event occurs, the number of the SMS service centre must be stored on the SIM card.

This section provides an overview of the providers with their mobile phone networks and the related telephone number of the SMS service centre.

Note
For detailed information please contact your mobile phone network provider.

SMS notification

Service provider	Wireless mobile phone network	SMS service centre
Telekom (D1)	Telekom	+49 (0)1710760000
Vodafone (D2)	Vodafone	+49 (0)1722270333 (alternative: +49 (0)1722270000)
o2	o2	+49 (0)1760000443
BASE (E-Plus)	E-Plus	+49 (0)1770610000
mobilcom- debitel	Telekom	+49 (0)1710760315
	Vodafone	+49 (0)1722270880
	o2	+49 (0)1760000462
	E-Plus	+49 (0)1770602300
1&1	Vodafone	+49 (0)1722270333 (alternative: +49 (0)1722270000)
blau.de	E-Plus	+49 (0)1770610000
callmobile	Telekom	+49 (0)1710760000
	Vodafone	+49 (0)1722270333
congstar	Telekom	+49 (0)1710760000
FONIC	o2	+49 (0)1760000443
klarmobil	Telekom	+49 (0)1710760000
	o2	+49 (0)1760000466
McSIM	Vodafone	+49 (0)1722270333 (alternative: +49 (0)1722270000)
PHONEX	o2	+49 (0)1760000443
simyo	E-Plus	+49 (0)1770610000

* All information subject to change.

Email notification/email setup

To send an email to a predefined email address if an event occurs, the SMTP login data for the email account must be stored in the Secvest.

Note
The SMTP functionality is not available free of charge from all freemail providers.

This section provides an overview of the email providers that offer their services free of charge.

- GMX
- web.de
- Yahoo
- T-Online
- Google Mail
- Outlook

*All information subject to change.

Arcor

Server Name	mail.arcor.de
Server IP port number	25 or 587
Account	<email address> e.g. yourname@arcor.de
User name	<email address> e.g. yourname@arcor.de
Password	<password for email account>
SSL	Disabled

GMX

Server Name	mail.gmx.net
Server IP port number	465
Account	<email address> e.g. yourname@gmx.de
User name	<email address> e.g. yourname@gmx.de
Password	<password for email account>
SSL	Enabled

GMX

Server Name	mail.gmx.net
Server IP port number	25 or 587
Account	<email address> e.g. yourname@gmx.de
User name	<email address> e.g. yourname@gmx.de
Password	<password for email account>
SSL	Disabled

Googlemail

Server Name	smtp.gmail.com
Server IP port number	465
Account	<email address> e.g. yourname@gmail.com
User name	<email address> e.g. yourname@gmail.com
Password	<password for email account>
SSL	Enabled

Googlemail

Server Name	smtp.gmail.com
Server IP port number	25 or 587
Account	<email address> e.g. yourname@gmail.com
User name	<email address> e.g. yourname@gmail.com
Password	<password for email account>
SSL	Disabled

T-Online

Server Name	securesmtp.t-online.de
Server IP port number	465
Account	<email address> e.g. yourname@t-online.de
User name	<email address> e.g. yourname@t-online.de
Password	<password for email account>
SSL	Enabled

T-Online

Server Name	securesmtp.t-online.de
Server IP port number	25 or 587
Account	<email address> e.g. yourname@t-online.de
User name	<email address> e.g. yourname@t-online.de
Password	<password for email account>
SSL	Disabled

Web.de

Server Name	smtp.web.de
Server IP port number	25 or 587
Account	<email address> e.g. yourname@web.de
User name	<email address> e.g. yourname@web.de
Password	<password for email account>
SSL	Disabled

Yahoo.de

Server Name	smtp.mail.yahoo.de
Server IP port number	465
Account	<email address> e.g. yourname@yahoo.de
User name	<email address> e.g. yourname@yahoo.de
Password	<password for email account>
SSL	Enabled

Yahoo.de

Server Name	smtp.mail.yahoo.de
Server IP port number	25 or 587
Account	<email address> e.g. yourname@yahoo.de
User name	<email address> e.g. yourname@yahoo.de
Password	<password for email account>
SSL	Disabled

IP Mobile Setup / Mobile Data Communication

Note

Here is some access data. Due to the large number of mobile network providers in Europe and an even larger number of SIM card providers (service providers), these are only a few selected examples.

All information subject to change.

Vodafone Deutschland

APN	web.vodafone.de
User name	Without/empty
Password	Without/empty

Telekom Deutschland

APN	internet.telekom
User name	t-mobile
Password	tm

blau Deutschland

APN	internet.eplus.de
User name	Blue
Password	Blue

Eplus Deutschland

APN	internet.eplus.de
User name	eplus
Password	Internet

Aldi Talk Deutschland

APN	internet.eplus.de
User name	eplus
Password	gprs

Sipgate (e.g. VoIP

APN	Internet
User name	sipgate
Password	sipgate

Customer service and support

End consumer
Please consult your dealer or installer if you have any questions.

Dealer/installer
In case of questions, please contact the appropriate support hotline.

Consult our website for product information.
ABUS Security-Center GmbH & Co. KG
86444 Affing
Linker Kreuthweg 5
GERMANY
www.abus.com
info@abus-sc.com

Decommissioning the alarm panel

- Select:
  Menu -> Installer mode
  - Open the alarm panel
  - Remove the backup battery or batteries
  - Remove the power supply, the mains connection or the external PSU
  - Remove the installation and dismount the alarm panel

Data protection

Danger

Note

When passing on the alarm panel, sending it in for repair or decommissioning it, please note that the folders

CONFIG

and

IMG_X

on the SD card **must be deleted**.
or the SD card must be **removed**.

The SD card may contain important information about the user and their property.

The folder
CONFIG
contains the configuration of the alarm panel when backing up via the GUI.
The configuration includes, for example:
the access data (password) to the ABUS server
the access data (password) to the e-mail account
the access data (password) to VoIP
the access data (password) to the cameras
the directory contact details

The folder
IMG_X
contains the images of the camera TVIP41550.
These are private images corresponding to the installation location of the camera.

Disposal

Dispose of the device and the batteries in accordance with EU Directive 2012/19/EU – WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the municipal authority responsible for disposal. Information on collection points for waste equipment can be obtained from your local authority, from local waste disposal companies or your retailer, for example.

Dispose of the packaging material in accordance with local regulations.

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ABUS wireless alarm system

Secvest

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Manufacturer
ABUS Security-Center GmbH & Co. KG
Linker Kreuthweg 5
86444 Affing, Germany