





### Overview of all new features -

feature package F06, F07, F08, and now F09.

### Feature package

### F06

Performance characteristics of update feature package F06

### **New components**

- Day alarm module TM2 C2B
- Interface KNX 400 IP / BMS lite
- Integration of comXline transmission devices with LTE cellular module

### **Function expansions**

- Integration of "Linking as a linked input"
- Integration of extensive discounter functions
- Entry in the event memory for executing a switching action can be parameterized
- Expanded personal authorizations
- Expanded functions for the partition dependencies

### Feature package

### **F07**

Performance characteristics of update feature package F07

### **Function expansions**

- Integration of time models
- In a graphical representation, a total of 5 time models with 8 time periods each can be freely defined.
- Authorizations can then be linked to the time models in the user administration thereby enabling time-controlled organization of functions at the readers and keypads.
- You can control the following authorization procedures using the time models:
  - Access control
  - Setting/unsetting on the reader
  - Switching actions
  - Display and operation of keypads
- More than 100 doors and 1000 personal authorizations can be linked with time models







With the evolutionary stages F06, F07, F08, and F09, TELENOT is consistently further developing its latest generation hiplex 8400H hazard alarm control panel. The new evolutionary stages enable a vast expansion of the performance range.

### Feature package

F08

Performance characteristics of update feature package F08

### **Function expansions**

- Digital platform hiXserver: highly secure remote connection between hipas, hipas-User or BuildSec 4.0 and the IACP possible
- Minimum signal duration parameterizable
- Control functions at conventional inputs and FP keypad button parameterizable e.g. disable input group, reset and much more
- Reader outputs that are not required for reader-specific signaling are freely parameterizable
- Grouping of input groups parameterizable
- Learning in of hybrid transponders with RFID write/read device TWN4
- Transponder can be read in with third-party application

### **Usability optimization**

- Only one-time entry of the hipas password necessary
- Note regarding missing access level "Installer" in the keypad
- Deactivated components are displayed visually in the topology view

# NEW Update feature package F09 You can find an overview of all innovations in the hipas Help.

### Feature package

**F09** 

Performance characteristics of update feature package F09

### **Function expansions**

- Time models with expanded functions
  - Assignment as an output function
  - Assignment in connections
  - Time-controlled setting/unsetting
  - Nighttime mode on keypads
- Push messaging: Alarms and setting/unsetting messages can be sent to the hiXserver and via BuildSec 4.0 app to the mobile terminal
- Print topology as PDF
- Export parameterization as CSV
- Electronic door handles/door fittings
- Documentation of date and time of one-man inspection
- Parameterizable continuous unset indication on readers
- Parameterizable exit time on conventional switching devices

### **Usability optimization**

- Change module partitions in a few clicks
- Topology display options: Displaying levels, centering or focusing components
- Deletion using DEL key
- Dedicated signal texts can be copied according to input groups
- Documentation of customer data in hipas
- Help for parameterizing personal authorizations

### The platform for all requirements -

### hiplex® 8400H.

The intruder alarm control panel hiplex 8400H offers maximum security and flexibility for all your security requirements. It combines the latest installation technology with maximum reliability and functionality.

Thanks to its modular design, the hiplex 8400H can be customized to meet all current and future requirements. A diverse program of peripheral components such as access control readers, motion detectors, touch keypads in different design variants as well as technical detectors provides the building blocks for practical and stylish solutions.

In everyday use, the hiplex 8400H impresses with its completely redesigned hardware that easily fulfills all current and future requirements.

The all-new parameterization software hipas also convinces with its user-friendly graphical user interface. Remote service and remote parameterization round out its superb handling.

Depending upon the control panel type, medium-sized to large systems can be expanded on a modular basis. Different housing types are available for the various expansion stages. The sturdy sheet steel housings are sealable and equipped with cable entries.

Using the reader interface for connecting comlock/cryplock readers, switching device and access control functions can be realized. Thanks to the extensive range of components, we can offer customized and cost-efficient solutions for all security issues.

The powerful switching power supply unit (12 V / 34 Ah) is integrated on the control panel board. A mounting space is provided to allow the installation of a TELENOT transmission device. The control panel can be mounted over the telephone box.

The alarm system app BuildSec 4.0 enables the operation and display of operating states of the intruder alarm control panel via a smartphone and tablet. The supported operating systems are iOS and Android.

Via the integrated Ethernet interface, the alarm system app BuildSec 4.0 and the remote service can be used directly.

A connection can be established via the highly secure digital platform hiXserver or as a direct connection.







Association of security companies in Austria



SES Swiss Association of Installers of Security Systems



### **Experience certified security without limits -**

### hiplex® 8400H.

Is security merely a matter of feeling good? Or how can security be defined? When are people, property and goods in commercial, industrial, public and private buildings truly secure and reliably protected?

For 50 years, TELENOT has used every minute of development time to provide definitive answers to these questions. The result is a constant stream of new products that not only give all users that good feeling of security, but have also proven their reliability in countless tests in lab and field applications as well as over decades of practical use:

Security means reliability. Security can be defined. Security means TELENOT. The new generation of intruder and hazard alarm control panels hiplex continues this tradition with unprecedented success.

**TELENOT** hiplex control panels conform to and fulfill the following provisions, regulations, and directives, as confirmed by the officially accredited testing institutes in the relevant countries and the higher-level

European bodies with responsibility for checking security products:

- VdS Schadenverhütung GmbH VdS class A, B and C
- DIN EN 50131: Grade 3
- VDF 0833
- BSI German Federal Office for Information Security
- Guidelines for hold-up and intruder alarm systems with connection to the police (ÜEA)
- VSÖ Verband der Sicherheitsunternehmen Österreichs (Association of Austrian Security Companies)

SES Swiss Association of Installers of Security Systems



Anerkennung

### **Approved Intruder Alarm Systems**



### System approvals hiplex 8400H

- Intruder alarm system TELENOT 8000 A S 117702 (class A)
- Intruder alarm system TELENOT 8000 H S 117502 (class B)
- Intruder alarm system TELENOT 8000 G S 117018 (class C)



### hiplex 8400H

- VSÖ class WS W 170918/02 (intruder alarm control panel)
- VSÖ class WS W 170918/03 (switching device)



#### hiplex 8400H

SES-EMA-RL-T2:2010-08



### hiplex 8400H

■ EN 50131-3: Grade 3

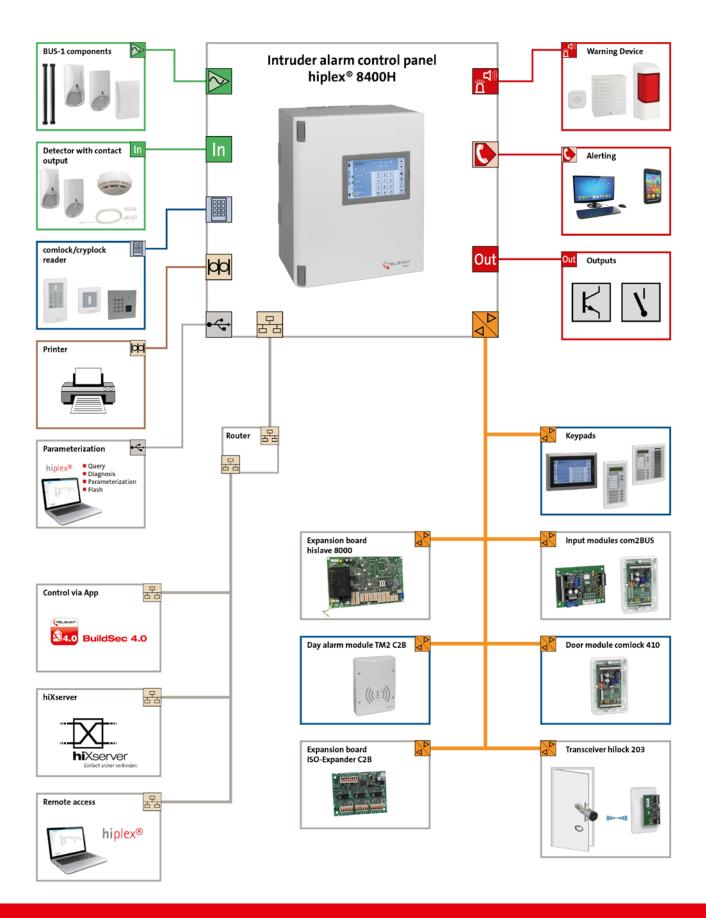


### Device approvals hiplex 8400H

- G 117001 (intruder alarm control panel)
- G 117002 (switching device)

### Sophisticated system architecture -

hiplex® 8400H.





### Modular structure -

### hiplex® 8400H.

Intruder alarm control panel hiplex <sup>®</sup> 8400H		hiplex 8400H	hislave 8000	External components				
				Door module comlock 410	Day alarm module TM2 C2B	Transceiver hilock 203/213	Input module 5-MGM C2B	Total amount
			max. 8 pcs.	max. 48 pcs.	max. 48 pcs.	max. 48 pcs.	max. 48 pcs.	(max. expansion)
Partitions		15 + Z						15 + Z
Input groups		512						512
Time model (time period per time model)		5 (8)						5 (8)
Reader interfaces		2	+ 2 (16)	+ 1 (48)	+ 1 (48) <sup>(5)</sup>			114 (5)
Codes ①		1000						1000
BUS-1		2	+ 2 (16)					18
BUS-1 addresses		126	+ 126 (1008)					1134
com2BUS		2 + Z						2 + Z
Conventional inputs 2		16	+ 16 (128)	+ 5 (240)	+ 5 (240)	+ 3 (144)	+ 5 (240)	1008 ③
Outputs	Relay	3	+2 (16)	+ 1 (48)	+ 1 (48)		+ 1 (48)	163
	TA +12-V switching 4	15	+ 15 (120)	+ 5 (240)	+ 2 (96)		+ 5 (240)	696
	TA GND switching 4	6	+ 6 (48)					54
S1 serial interface to the TD		1						1
S1 parallel interface to the TD		1						1
Ethernet interface		1						1
Digital lock cylinder hilock 2200						+ 1 (48)		48
App-enabled (alarm system app BuildSec) Via LAN / WLAN / Internet		\$TELENDT						
hiXserver		<b>hi</b> Xserver						
Keypads BT 8xx		32						32
Event memory		> 100.000						> 100.000

- 1 The number of authorization codes includes the codes for the keypads and comlock/cryplock readers.
- The number of conventional inputs includes detector connections, inputs for conventional switching devices, dead bolts etc.
- (3) With BUS-1 input modules, the conventional inputs can be expanded.
- The number of outputs also includes the outputs for warning devices, coils, LEDs, buzzer etc.
- (5) The reader is integrated in the housing of the day alarm module TM2 C2B and exclusively usable for day alarm.

### Performance characteristics -

### intruder alarm control panel hiplex® 8400H.

- Bus-oriented system, based on the TELENOT system bus com2BUS
- Up to 15 independent partitions and
   1 control panel partition can be realized
- Up to 512 input groups are parameterizable
- Up to 1000 codes are parameterizable
- 5 time models parameterizable with 8 time periods each
- First alarm indication
- Walk test function
- One-man inspection
- Can be operated using exit/entry route (e.g. external setting via a keypad)
- Event memory
  - VdS (4000 events)
  - VdS set / unset (1000 events)
  - Alarms (1000 events)
  - Global (100,000 events)

- Can be expanded with up to 8 expansion boards hislave 8000
- Can be expanded with up to 48 day alarm modules TM2 C2B
- Can be expanded with up to 48 door modules comlock 410
- Can be expanded with up to 48 transceivers hilock 203
- Can be expanded with up to 48 input modules 5-MGM C2B
- Parallel and serial interface (for detailed message transmission) to the transmission device
- Ethernet interface for connection to a router for the remote service via hipas and operation using the alarm system app BuildSec 4.0

- App-enabled (alarm system app BuildSec 4.0)
- Built-in power supply 12 V / 34 Ah
- Updating of firmware is possible using the parameterization software hipas
- hiXserver-compatible for remote parameterization, firmware update, BuildSec 4.0 use

### **GR80** housing



### S110 / S120 housing



### **GR100** housing



### **GR104** housing





### BuildSec 4.0 for you and your alarm system

# Maximum security for your living comfort, your home, and your commercial property

With the new app BuildSec 4.0 for controlling Smart Home automation functions, displaying all operating states and controlling your alarm system, TELENOT offers a security standard that is unique in this area and puts your privacy at the top of the agenda.

No matter which type of property you want to protect against unauthorized access, water damage, fire hazard, intrusion, technical faults or access by unauthorized persons:

- Apartments, privat homes or holiday homes
- Commercial properties
- Offices, law firms or medical practices
- Craft businesses

With the alarm system app BuildSec 4.0, you always know if everything is in good order.

You can look up all important status information via your smartphone. You can see where in the building an intrusion or fire alarm has been triggered or water damage is occurring. This information allows you to take immediate further action.

In addition, the alarm system app BuildSec 4.0 offers comprehensive switching functions for Smart Home applications. For example:

- Opening and closing the garage door
- Switching the outside light on and off
- Opening and closing blinds
- and lots more.

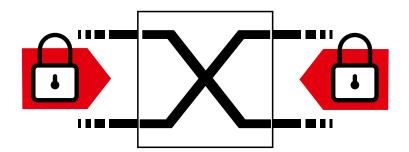
All communication between your alarm system and the new alarm system app BuildSec 4.0 takes place on the digital platform hiXserver, which has been developed to meet the strictest security requirements.

The communication is performed on two separate channels using TLS and AES encryption. You can also receive all important status information remotely on your smartphone. It doesn't matter whether you are visiting friends, sitting in the theater, enjoying a meal in a restaurant or traveling abroad.

The platform is offered by TELENOT Smart Services GmbH, an affiliate of TELENOT ELECTRONIC GMBH.

With this digital platform, TELENOT sets a new standard for completely secure and intelligent building security and control.









### Experience the new graphic parameterization software - hipas<sup>®</sup>.

A modern, dynamically flexible and open-system platform requires an equally innovative and easy-to-use parameterization software – the new hipas.

hipas, with currently over half a million lines of code, is proof to all users that security technology can indeed be redefined when decades of hands-on expertise and innovative thinking are effectively combined. The all-new graphical interface guarantees exceptional ease of operation for all users.

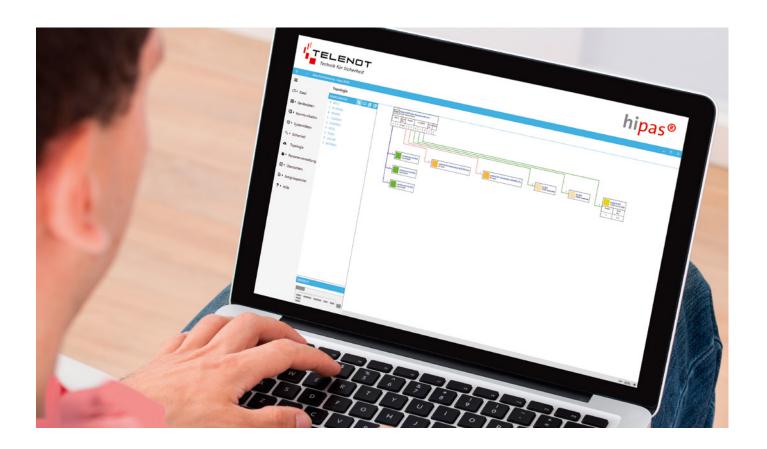
You can parameterize a hiplex easily, quickly and intuitively using hipas via the USB interface.

Via simple mouse clicks and 'drag & drop' function, the component available in the software is "connected" to the control panel. Simple and intelligent because the system recognizes which components can be connected to which interfaces. This way, the system parameterization is actively guided.

Real benefit for installers and their technicians is saving time. What's more: you can also parameterize the hiplex using hipas remotely via Ethernet. After a single training course, you can rely on a cutting-edge platform and innovative system parameterization software. Standardized from a small control panel all the way to large-scale applications.

The all-new parameterization software hipas impresses with its user-friendly graphical user interface:

- Graphical parameterization of the IAS structure
- Component-oriented parameterization
- Component selection register by interfaces or by catalog
- Clear arrangement
- Ultra-modern user interface
- Graphical representation of the system topology
- Context-sensitive help function







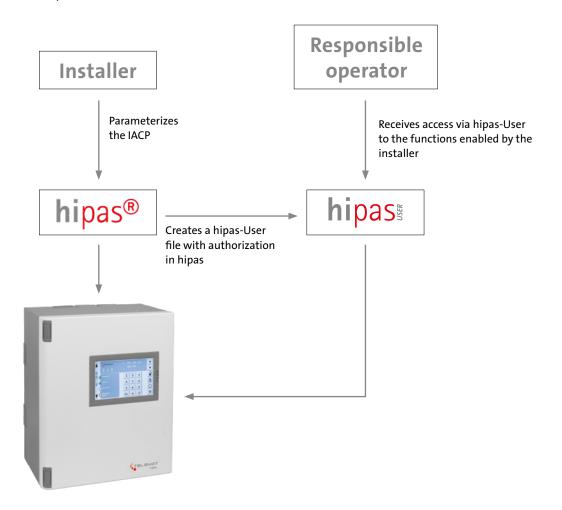
### hipas-User

# The parameterization software for customers, responsible operators, and security services

hipas-User gives customers, responsible operators, or security services the option of managing the intruder alarm system hiplex 8400H themselves. This gives the user access to the following functions:

- read and parameterize the user administration
  - Time model
  - Authorization code groups
  - Persons
  - Personal authorizations
- Read-out event memory
  - EVM global
  - EVM VdS
  - EVM alarm
  - EVM VdS set/unset

The installer assigns user rights in hipas beforehand for this purpose. Every user receives a dedicated password-protected profile. A hipas-User file is created from this user profile, which the installer makes available to the user. Convenient remote access is possible via Ethernet or hiXserver. hipas-User does not have access to the parameterization of the components of the intruder alarm system. This sensitive data is reserved for the installer.



### Adjustable configuration -

### for all applications.



### **GR80** housing

■ 1 space for rechargeable battery 12 V / 7.2 Ah

### Additional mounting space for

- 1 transmission device
- 1 switching controller (WLAN adapter WLAN-2)
- Mounting carrier for MICRO-connection terminals

#### **Device models**

- Without keypad
- With LCD keypad BT 820
- With touch keypad BT 800



Depending on the size of the housing there are several mounting spaces available.

- The "additional mounting spaces" are intended for specific boards, for example, transmission device.
- The "universal mounting spaces" allow any expansion modules such as a relay board to be built-in.
- If the universal mounting space is not needed for mounting of an expansion module, it can be used as an "alternative mounting space" for mounting of the soldering strips or LSA-Plus connection strips.





### **GR100** housing

2 spaces for rechargeable batteries12 V / 12 Ah

### Additional mounting space for

- 1 transmission device
- 1 switching controller (WLAN adapter WLAN-2)

### 4 universal mounting spaces, e.g.

- Input module com2BUS 5-MGM C2
- Expansion board REL8-FK
- Universal switching relay module USR-M
- Light-switching relay LSR 16-M
- DIN rail for MICRO connectors

### Alternative mounting spaces for max.

- 6 LSA-Plus strips 10 DA
- 8 soldering strips 16-pole

### **Device models**

- Without keypad
- With LCD keypad BT 820
- With touch keypad BT 800



see page 12

### Modular structure -

### flexible housing concepts.



### **GR104** housing

- 2 mounting spaces, each with one mounting plate hiplex / GR104 (not in scope of delivery with empty housings)
- 2 spaces for rechargeable battery 12 V / 26 Ah or 4 spaces for 12 V / 12 Ah

### Additional mounting space for

■ 1 transmission device

#### **Device models**

- Without keypad
- With LCD keypad BT 820

### Mounting plates for GR104

- Mounting plate complex / GR104
- Mounting plate hiplex / GR104
- Mounting plate hilock 5500 / Type 1 / GR104
- Mounting plate hilock 5500 / Type 2 / GR104
- Mounting plate Distributor / power supply unit / GR104
- Mounting plate Router / GR104
- Mounting plate Blank / GR104

The empty housing GR104 is a modular housing and offers 2 mounting spaces for mounting plates. There are different mounting plates available, e.g. complex, hiplex, distributor, etc. For an installation in compliance with VdS directives, both mounting spaces must be equipped with a mounting plate. The rear wall of the housing can be turned upside-down to allow the cables to be fed in from below or

The integrated keypad BT 820 enables the convenient operation of the hazard alarm system. A tear-off detector is available as an accessory for tamper detection in case of removal from the mounting surface.





### S110 housing

- 4 mounting spaces for the installation of one mounting plate each (one mounting plate hiplex / S110/S120 is included in the scope of delivery)
- 3 spaces for rechargeable batteries12 V / 26 Ah or 6 spaces 12 V / 12 Ah
- 5 universal mounting spaces

### S120 housing

- 8 mounting spaces for the installation of one mounting plate each (one mounting plate hiplex / S110/S120 is included in the scope of delivery)
- 4 spaces for rechargeable batteries12 V / 26 Ah or 6 spaces 12 V / 12 Ah

### Mounting plates for \$110 / \$120

- Mounting plate complex / S110/S120
- Mounting plate hiplex / S110/S120
- Mounting plate comXline / S110/S120
- Mounting plate hilock 5500 / Type 1 / S110/S120
- Mounting plate hilock 5500 / Type 2 / S110/S120
- Mounting plate Distributor / Power supply unit / S110/S120
- Mounting plate Router / S110/S120
- Mounting plate Blank / S110/S120

There are different mounting plates available, e.g. complex, hiplex, distributor,

etc. A tear-off detector is available as an accessory for tamper detection in case of removal from the mounting surface.

In the S110 housing, cables can be fed in from below or above thanks to the rear wall of the housing that can be turned up-side-



### Expandable -

### hislave 8000.

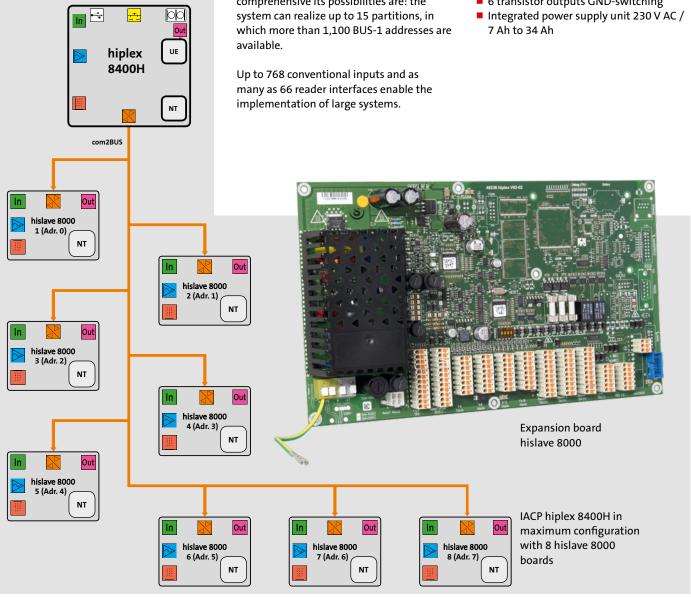
The expansion board hislave 8000 can be used to expand the intruder alarm control panel hiplex 8400H to add additional inputs/outputs and interfaces. The masterslave system opens up completely new possibilities.

A total of 8 hislave 8000 boards can be connected to the master hiplex 8400H. Each slave is powered by its own power supply unit that is integrated on the board.

One look at the performance characteristics of an intruder alarm system hiplex in maximum configuration shows just how comprehensive its possibilities are: the system can realize up to 15 partitions, in available.

#### **Performance characteristics**

- 2 separate interfaces for the connection of readers (comlock/cryplock readers)
- 2 separate BUS-1 lines (each with 63 BUS-1 addresses)
- 16 conventional inputs
- 2 floating relay outputs
- 15 transistor outputs +12-V-switching
- 6 transistor outputs GND-switching







# Optimum and reliable security solutions for all applications.

TELENOT is at your side as a leading manufacturer in the field of electronic security technology and alarm systems.

As a reliable manufacturer with a secure supply chain, TELENOT stands for innovation, reliability, solidity and optimum customer service for more than 50 years. We cover all processes, from development, production, training, planning and comprehensive technical and sales-related services for all aspects of professional security solutions.

The focus of our corporate philosophy is on the reliable and guaranteed protection of life and limb, people, property, and buildings against intrusion, hold-ups, unauthorized access, fire, and technical hazards.

No matter what your specific requirements and protection objectives are:

- Commercial and industrial facilities, craft enterprises
- Small and medium-sized companies
- Retail stores, chain stores, discounters
- Office buildings, freelancers' premises
- Private homes

Your satisfaction and safety is our inspiration. This trust is Made by TELENOT.





# Security knows no compromises. Security is a matter of trust.

### Trust means TELENOT.

Security is all about protecting life and limb, people, property and buildings. There is no other safety net.

Security systems and alarm systems must guarantee exceptionally reliable and failure-free operation

- 24 hours a day,
- 7 days a week,
- 365 days a year and for years to come

in order to ensure that the life-saving signal will be generated at the decisive moment. The principle of a chain only being as strong as its weakest link certainly applies here – and a hazard alarm system made up

of different security components is only as good as its weakest component.

Here at TELENOT, we know and understand every "link" of our TELENOT hazard alarm systems. TELENOT is proud of its manufacturing depth. For us, outsourcing and cost-cutting at any price at the expense of quality and flexibility are simply out of the question. All our activities are focused on your security. In the view of the above, TELENOT — as a manufacturer of electronic security and alarm systems — supports you with top-quality products. We at TELENOT aim to offer the highest quality standards with regard to development, production and customer service at our

company locations in Germany, Austria and Switzerland – now and in the future.

TELENOT components and products are perfectly matched to guarantee completely reliable and sustainable security solutions.

# Our development and manufacturing depth guarantee unique quality standards.

With a manufacturing depth of 90 %, TELENOT is your unique and reliable partner in the electronic security market.

The whole development and production process takes place under one roof at TELENOT, starting from the development of hardware and software for all security components, development of the electronic components and housings, toolmaking, plastic injection molding, metalworking and assembly of complete circuit boards and quality control.

Each individual component as well as the interaction of individual components as part of the complex security system undergo multiple quality testing procedures throughout the entire development and production process. We focus on maximum reliability and extended lifetimes from the very first steps of production when selecting the materials and electronic components. We stand for reliable and sustainable individual and system components and are your dependable

partner, delivering electronic security products today and in the future.

- ✓ Guaranty for products
- ✓ Guaranty for systems
- ✓ Guaranteed by experts

















### Experience the entire product and service range. Made by TELENOT.

Real customer proximity is reflected in our daily work routine.

You can experience it through our individual attention to each customer, the prompt availability and exceptional competence of all contact persons, consulting on individual products and systems, availability of technical sales staff in sales support and field sales or technical hotline, excellent supply availability as well as our repair and exchange service.

Only a manufacturer that can maintain this level of service over many years can be considered reliable. You and your retail customers also want to have reliable contact partners in the years to come for security solutions installed today. TELENOT has been meeting this expectation for over 50 years.

We offer a comprehensive product range, an extensive service portfolio of the highest standard and guarantee a fair and optimum price-performance ratio for long-lasting and reliable electronic security components and alarm systems.

TELENOT is at your service with an expert team of sales, hotline, and training professionals who are ready to answer all your questions.

Our excellent reachability and our fast and flexible processing of your inquiries add to the value of a smooth cooperation.

### We are pleased to offer you the following:

- A comprehensive sales network with contact persons on site
- A professional technical sales and consulting support team based at our headquarters
- A highly efficient and professional technical hotline
- An extensive program of basic, product, and system training courses
- Comprehensive information brochures about all TELENOT products
- A comprehensive e-learning and webinar program focusing on technical and sales tonics
- A quotation and calculation service
- More than 500 authorized TELENOT offices in Germany, Austria, Switzerland, Luxembourg, Italy, Poland, Croatia, Hungary, and other European countries
- A planning service for creating security solutions in compliance with guidelines for intrusion, fire detector, and access control systems for use by technical building services companies / electrical planners, architectural offices, developers, and general contractors

- Commissioning support in the areas of intrusion, fire, and access control technology
- Next-day delivery service thanks to our in-house production facilities and exceptional vertical range of manufacture
- Comprehensive technical documentation
- An Internet service portal with technical data sheets, technical descriptions, an info center, system lists, wiring diagrams, online shop, and software download options.
- A newsletter for qualified installers and engineers
- A newsletter for architects, planners, property insurers, and criminal investigation centers
- An exchange and hire service
- A repair service





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TELENOT products guarantee electronic surveillance for certified (premium) intrusion protection recognized by the police, in combination with matching mechanical protection.



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