

»Alarming and Evacuation«

INNOVATIVE ALERTING CONCEPTS
FOR SHOPPING CENTERS



ROGER – THE MODERN ALARM SERVER



CUSTOM-FIT ALERTING — THE RIGHT ALARM, AT THE RIGHT TIME WITH THE RIGHT INFORMATION

Amok raids and explosions in shopping centres have increased dramatically in recent years. It is precisely these current events which require the right measures to be able to respond in a targeted manner, either preventively or in the event of an alarm. The demands placed on a modern alarm server are versatile and difficult. With ROGER, you have the possibility to respond to every situation appropriately and in real time.

In the case of accidents, technical faults, fire or in the event of an rampage or a terrorist attack, the right information must be directed to the appropriate places in fractions of a second. But also the types of alarming and triggering are decisive. If, for example, in the event of an assault a silent alarm, which can be triggered by a hidden button is required, the situation in the event of fire provides an automatic recognition by various sensors.

As a modern alarm server, ROGER is able to respond to various requirements in a targeted manner. All existing technology, such as sensors, cameras or access control systems, can be integrated as well as existing digital signage systems, which can be converted as escape route signposts in case of evacuation. This allows you to make your existing infrastructure a modern and comprehensive alarm system. Holistic scaling concepts are the key to effective alarm and evacuation.

What are the advantages of combining security services with state-of-the-art alerting?

- Conversion of partly self-sufficient security personnel to well-networked and fully equipped mobile units (mobile control center see metaGuard on page 11)
- Unification of all processes and requirements
- Integration and connection of sub-systems to the alarm server (upgrading existing technology)
- Targeted information distribution to the appropriate recipients (control room, police, fire brigade)
- Fast and secure evacuation of employees and visitors via digital signage
- Multichannel alarms (alarm via telephone, announcements, signals or SMS and social media)



ROGER - FEATURES AT A GLANCE

ROGER offers a variety of useful functions that help to coordinate the processes in the event of an alarm and to adapt them to the customer's needs. This starts with the triggering of an alarm and ends with the evaluation and the reporting. We have listed the most important functions.

The following functions are currently offered and supported:



Triggered by:

- Telephone button
- PC client / hotkey
- Hidden contact



System functions:

- Any number of group and alerting parties
- Powerful event machines for call processing
- Acknowledges the alarms via DTMF, callback, app, web, SMS
- Call chains circular and star shaped
- High availability
- Redundancy
- Emergency conferences
- Recordings and logging
- Can be connected to telephone systems, intercom, mobile phone networks
- Connection to MS Active Directory



Alarms and notification options:

- Speech recordings
- Live announcement
- SMS
- E-mail
- Dynamic building blocks
- Videopanel and infoterminals
- Social Media
- Combinations of the above



Evaluation and reporting:

- Consolidated reviews of tactical dashboards
- The alarm server provides a full evaluation and analysis module
- Evaluations using the following parameters:
 - When?
 - Who?
 - How long until the first receipt?
 - Which way?
- In addition, a tactical panel for real-time visualization is offered

*You need a special adaptation or a special solution?
Just contact us!*





ROGER – THE SMART ALARM SERVER

Automatic notification, silent alerting or accessibility of individuals or groups in emergency scenarios are current issues.

Our alarm server covers efficiently and flexible various features, among others fast reaction after accidents on factory area or a subtle rescue alarm during escalation scenarios.

The server can be used in different modi:

- Silent alarming
- Plant alarming
- Control centre alarming
- Automotive, events-based notification

Our alarm server receives its final function, depending on the programming and customer requirements. The so-called »Eventengine« reacts to manual or automatic triggering and processes it in such a way, that processing and notification of the respective persons takes place as quickly as possible. In an emergency, seconds can be decisive.

Thanks to its modular design, ROGER can be used either as an integrated solution or as a complement to existing solutions. The integration of your existing infrastructure (cameras, smoke detectors, digital signage) allows comprehensive alarm and evacuation and saves costs.

Interaction with the environment can take place either via self-sufficient communication paths or as broadband multi-channel alarming.



Triggering via phone, switch or PC client/user



Triggered by existing Fire alarm system



Emergency and team conference



Digital map



Dynamic call chain with individual thresholds



Control center alarming



Social Media alerting, e.g. Twitter, WhatsApp etc.



Alarming via live announcements, audio recordings



Alarming via phone, self phone/cell phone, SMS, e-Mail



Alarming via in-house apps / push messages



Dynamic modules



Use of digital signage for evacuation



Connection/linkage to BMA, EMA, or relay contacts



Connection to the access control



Acknowledgment and logging



Autonomous learning feature for recurring introduction



MOBILE ALARM ALARMING ANYTIME & ANYWHERE

In times of advanced mobilization, ROGER reaches employees and customers alike via the mobile devices - in real time.

In the case of an alarm, this means a multichannel alarming over all available channels. In the case of smartphones, e.g. announcements by call, SMS, WhatsApp, Twitter messages or so-called push messages, which can be routed directly to the smartphone via existing in-house apps.

ALARM IN CASE OF FIRE, AMOK OR TERRORIST ATTACKS

Attacks or terrorist attacks on so-called »soft targets«, e.g. shopping centers are growing dramatically worldwide. Responsible operators are requested to implement solutions to protect their objects.

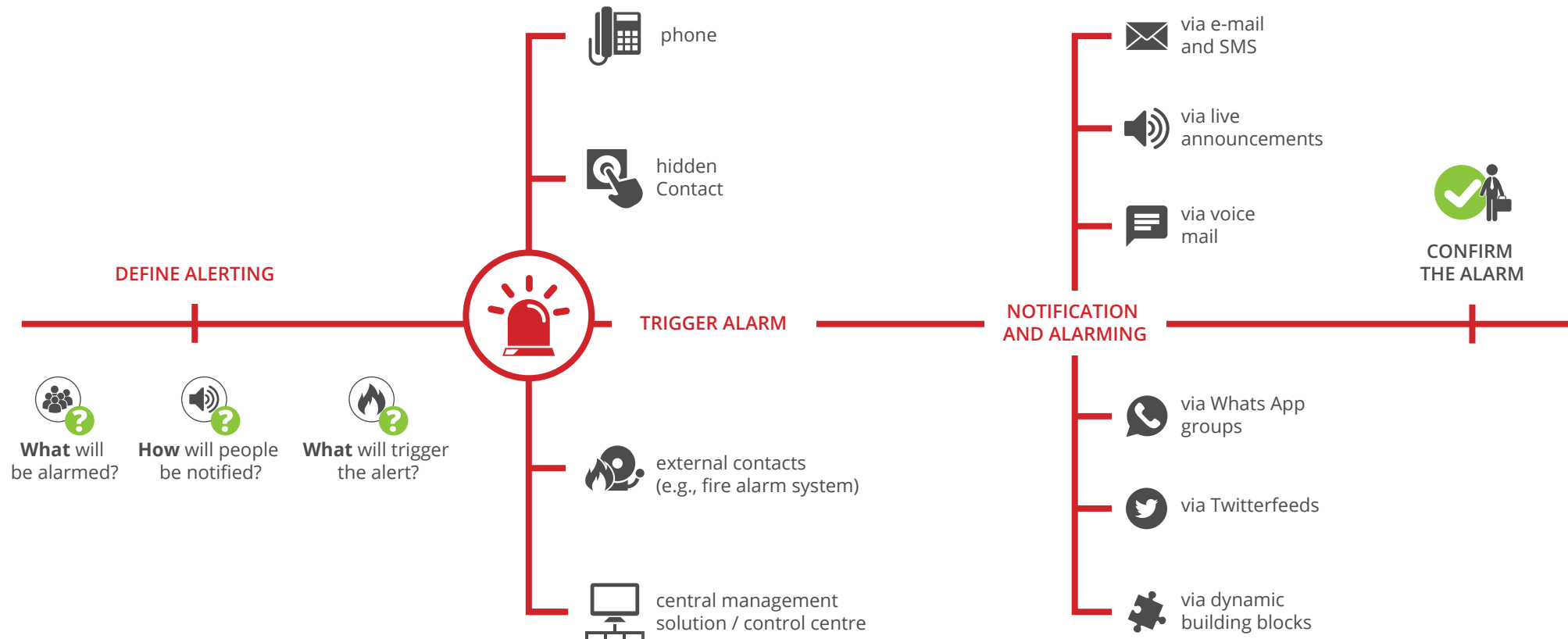
The following features are interesting for the target user:

- Triggering the alarm via hidden buttons (see press2R)
- Utilization and upgrading of existing infrastructure
- Alarming via various channels such as announcements, tones, SMS or social media
- Alarming possible via inhouse apps / push messages



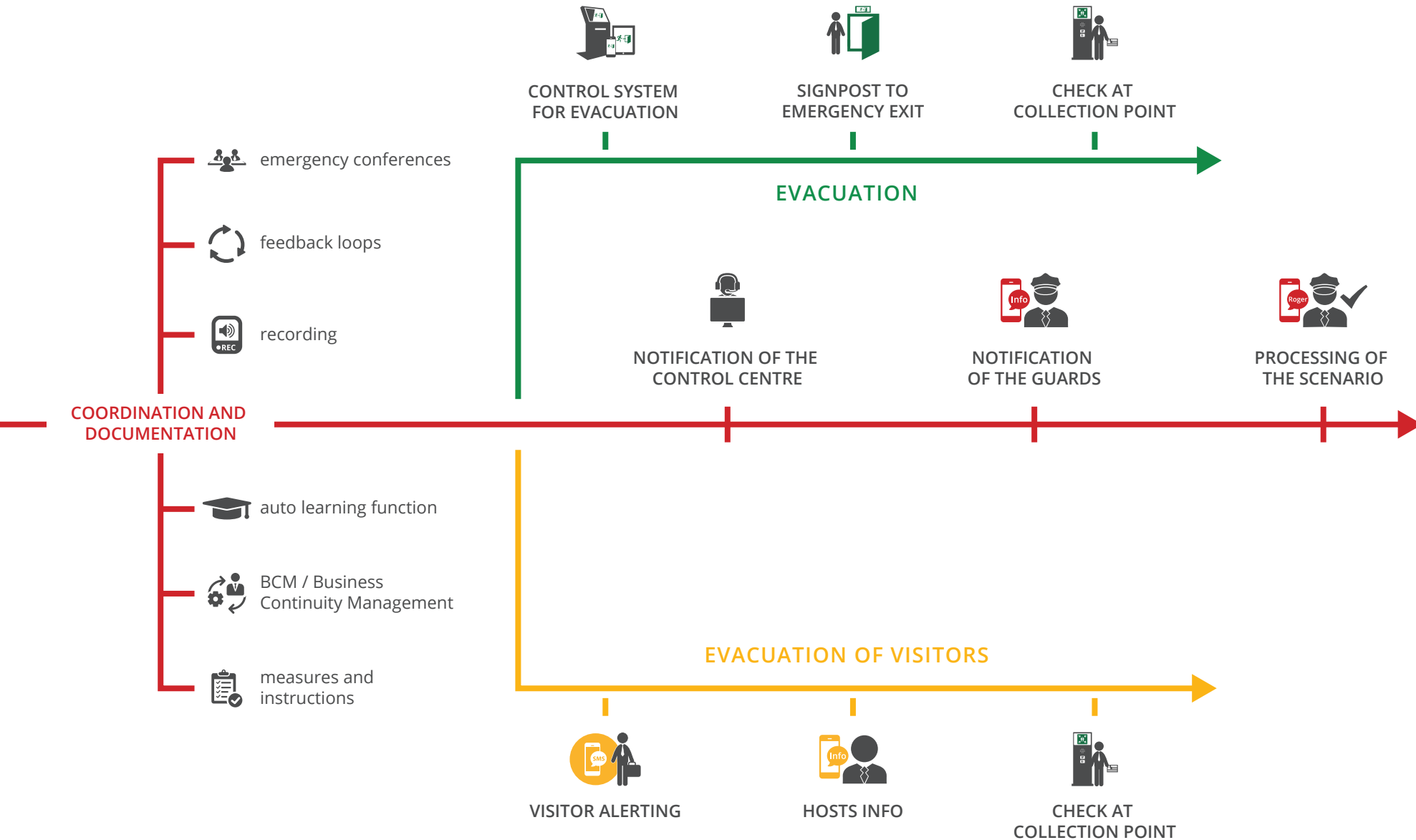


EVENT SEQUENCE FOR ALARMS



Scan the QR code and watch the animated "Roger Story".







PRESS 2 R – THE EVERYWHERE ALARM BUTTON FOR ROGER

The hype surrounding the Internet of things not only brings out playful gadgets. With increasing maturity and availability of wireless networks, coupled with ever-improving cost-efficiency, there is a growing number of opportunities for innovative security applications.

As an extension to the ROGER alarm server, we offer the »press2R« alarm button. A small wireless IoT functional unit full of innovation. The main motivation behind the »press 2 R« concept was the difficulty of connecting hidden buttons, buzzers or other triggers in a wire-bound manner, whether for structural reasons or for reasons of cost. The system requires only electricity. The connection to the outside world is optionally via the local WLAN or GSM.

»Press 2 R« is designed for highest industrial requirements. Not only the unit is

permanently monitored. The triggering button is also cyclically tested via a remote release. This monitoring process is a major part of the product. This ensures high availability.

»Press 2 R« can optionally be connected to your local ROGER server or directly to the hosted variant R (as) ².

Possible application scenarios:

- Concealed button (under a table)
- Silent alarming
- House alarm

press **2 R**





ROGER AS A SERVICE - R(AS)²

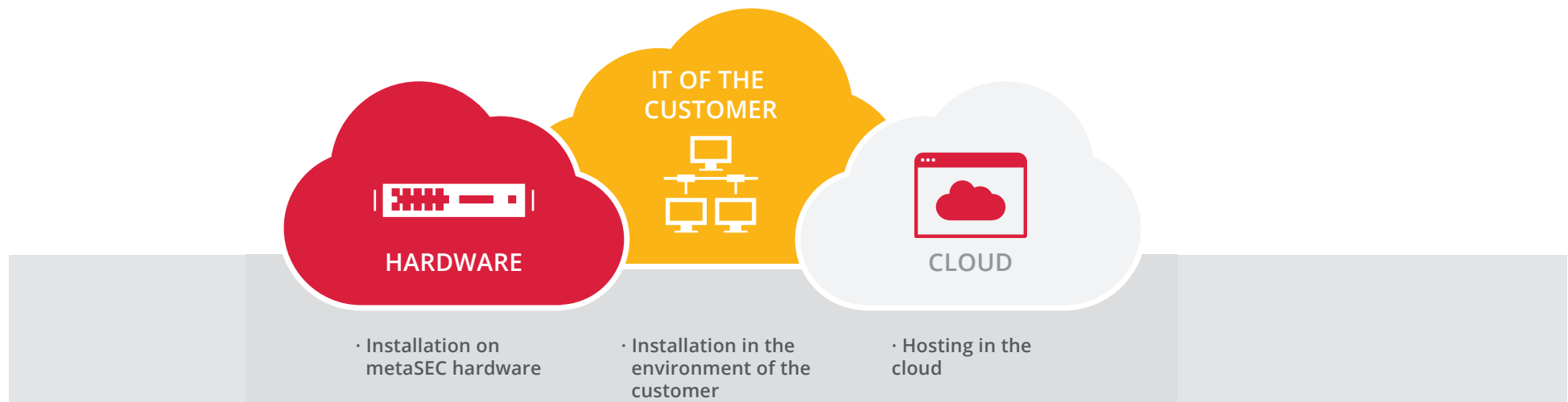
ROGER requires a server backend for the operation of the databases as well as the web services. The server system is based on a Linux and is largely independent of the system environment.

The following variants are currently offered and supported:

- Hardware appliance for standalone operation
- Virtual appliance for operation within a VMware® environment
- R(as)² as an externally hosted rental model

The most common case for an alarming server is the speech alarming, which means the playing of predefined language packs. Therefore, a coupling to a higher-level telephone system is required for communication with the outside world. ROGER can also be connected directly to the telephone network via a VoIP connection. If ROGER is operated within its own virtual environment, it must be ensured that the system is sufficiently dimensioned for performance.

At the time of delivery, the software is completely preinstalled on all systems and on the latest software version. You can start with the installation immediately.






COLLECTION POINT - SAFE EVACUATION AND LOCALIZATION

During evacuation on larger facilities, it usually causes difficulties to precisely localize/asses personnel/staff and visitors at their assembly points. The idea of an active collection point solves this requirement easily and customized in a standard solution.

Regular employees register themselves using their access-control-IDs or T&A transponders at the collection point. Visitors scan a QR-Code or use a manual button/keyboard interface at the terminal.


The visualization of the recorded data is sent in real-time to third party systems.

Learn more about our Collection Point terminals on www.metasec.de

 Dynamic escape route marking


 Digital Signage

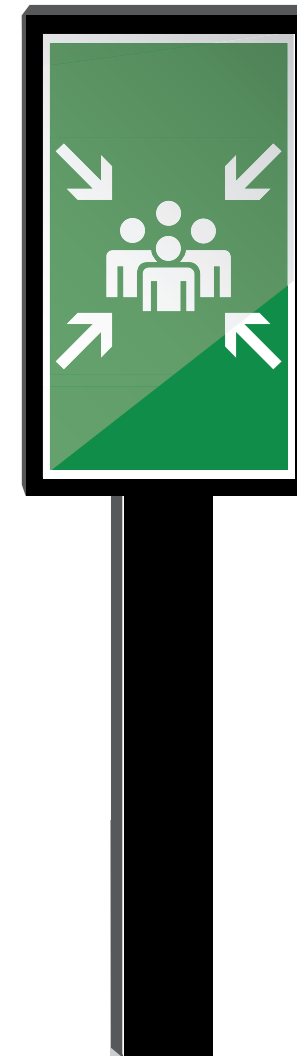
 Terrain maps

 Phone book function

 QR Code Reader

 Control of visitors flows

 Connection to access control systems



 QR code reader

 Access control reader

 Touch panel

 Intercom

* The terminal can optionally be equipped with a QR code scanner, a speech station as well as a touch panel. In the standard condition, the delivery only includes the regular reader for access control.



METAGUARD – MOBILE SICHERHEITS-LÖSUNGEN FÜR SMARTWATCHES

The growing demand for mobile applications in everyday processes is an ever-growing trend - this need is also noticeable in the security sector. These include, for example, the access to cameras, call stations or the switching of contacts. The metaGuard, designed for smartwatches, creates this interface between internal processes and the ultramobile staff.

The ability to capture biometrics as well as other sensors from modern wearables can also be used to secure workplaces as well as self-sufficient employees in highly modern ways.

Altered movements or locations can be read out remotely and trigger an alarm if necessary.

The metaGuard can be seamlessly integrated into the integrated metaSEC process. 3-rd party solutions can also be connected via our WebTAPI interface.

This not only contributes to a technical enhancement of the employee as a "mobile control center" but also ensures a quicker and more flexible responsiveness of the guards to the respective situation.

Some of the basic features that the metaguard offers are:



Cameras: Switching between various cameras allows you to access all areas of the monitored object at any time.



Alarms: Information from subsystems such as fire alarm, building automation or alarm technology can be displayed as messages on the wrist of the employee.



Todo lists: Work orders, maintenance activities and other tasks can be transmitted in real time to an employee.



Tour: To optimize control routes, this module provides an active interaction between the guards and the control center.



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