



ROGER

THE MODERN ALARM SERVER



META  SEC

made
in
Germany

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CLOCKWISE SYNCHRONOUS IN UNISON

»The conducting is the orientation, coordination and design support for the performing musicians of a musical ensemble« - Excerpt Wikipedia

The conductor assumes the direction of the orchestra and forms from the individual musicians, a homogeneous picture for the listener.

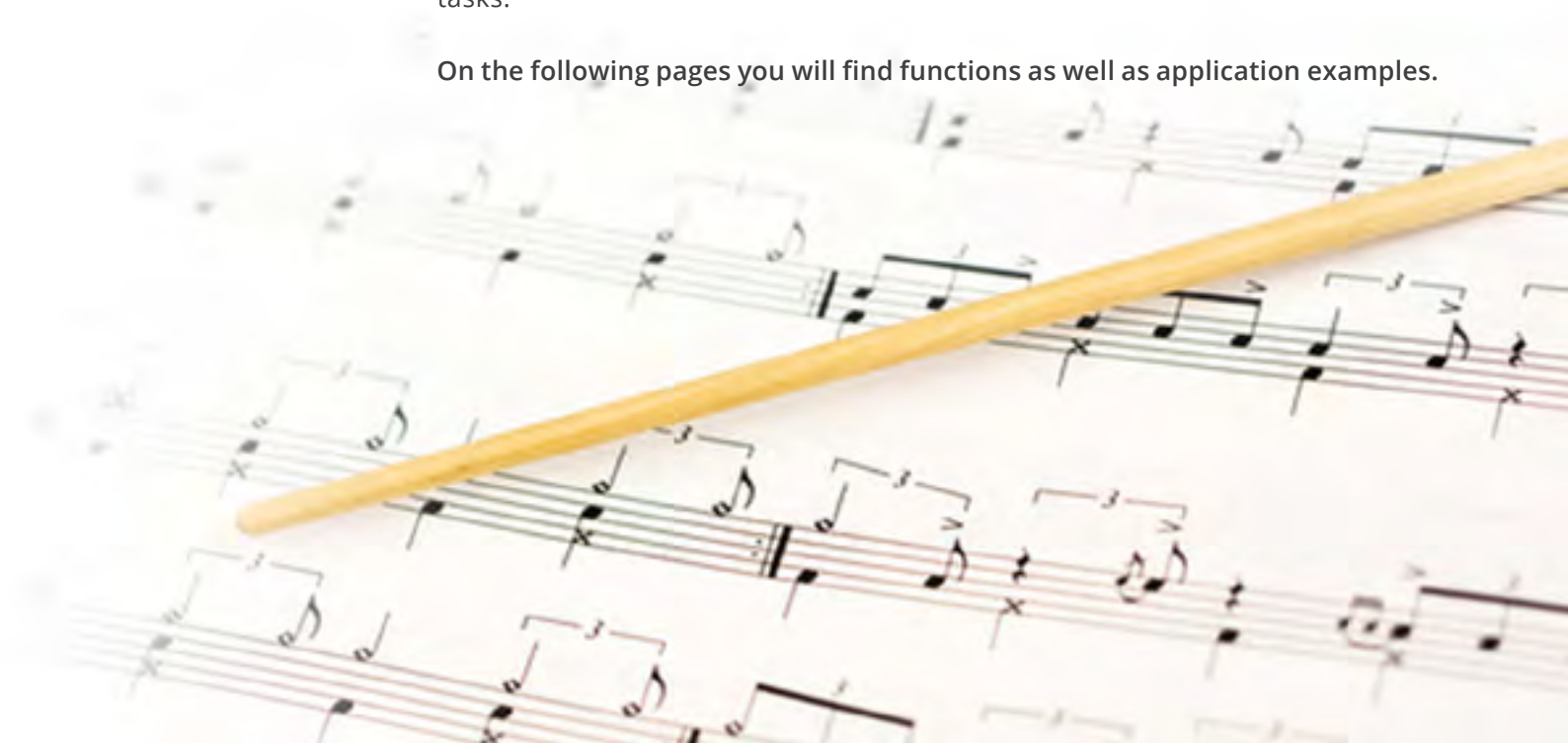
Through the precise guidance of the time, intensity and duration of the respective playing time of the individual or groups, a unique experience is created.

Alarming as the key word and the subsequent handling of a special situation, is essentially nothing but the play of an orchestra.

WHO does WHEN WHAT and in which order? How must a co-operation be orchestrated so that a crisis, a disaster or any other situation can be managed be managed cleanly and structured?

ROGER as a modern alarm server can help you or your organization with many tasks.

On the following pages you will find functions as well as application examples.





ROGER – SILENT ALARM OR FACTORY/ PLANT ALARM

Automated notification, silent alarming, or access to persons or groups is a current topic.

Our alarm server covers efficiently and flexibly 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
- Operational centre alarming
- Automotive, events-based notification

Our alarm server is programmed depending on its features and demands of the user. The so-called »event engine« reacts to manual or automatic releases and provokes instantly certain processes and notifications of registered persons.

Interaction with the surrounding works either via self-sustaining communication ways or via a sub installation of your existing »PBX«-solution.



Release via phone, switch or PC client / user



Dynamic call chain with individual thresholds



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



Emergency and team conference



Control center alarming



Dynamic modules



Acknowledgement and reporting



Fast reaction to average and hitch / malfunction / breakdown



Connection / linkage to BMA, EMA, or relay contacts



Digital map



Alarming via live announcements, audio recordings



Autonomous learning feature for recurring introduction

SILENT ALARMING AMOK- AND ASSAULT ALARM

More and more often assaults on employees at open to the public offices are publicized. Process owners in communities are requested to find and implement solutions to protect their employees. Hence, a new market develops.

The following advantages are interesting to end users:

- Setting off of the alarm via existent phones
- Secret button or software client
- Software as a sub-installation to every TK-solution is possible
- Repeated training for users concerning auto learning features.



PLANT ALARMING ACCIDENT OR EMERGENCY MANAGEMENT

In business, an effective and reliable alarm server is not only necessary in breakdown or software malfunction cases. Most common scenarios are: coordination of workforce in the daily process/business or automatic triggering of processes at the most common scenarios.

- Automatic or manual release in emergency
- Team conferences for briefing and coordination
- Connection/Bounding to BMA or EMA
- Introduction of mobile guards





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 Announce
- SMS
- E-Mail
- Dynamic Building Blocks
- Video Panels and Infoterminals
- Social Media
- Combinations from the above



Evaluation and reporting

- Consolidated reports on 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 – USER STORY

ALARMSERVERINSTALLATION FOR A COMPLETE FEDERAL STATE

A common public sector environment is a Cisco Callmanager or Alcatel telephony system. Here we can also show some references. Decisions are usually made on the basis of the reasons and functions listed below:

The main reasons for the decision:

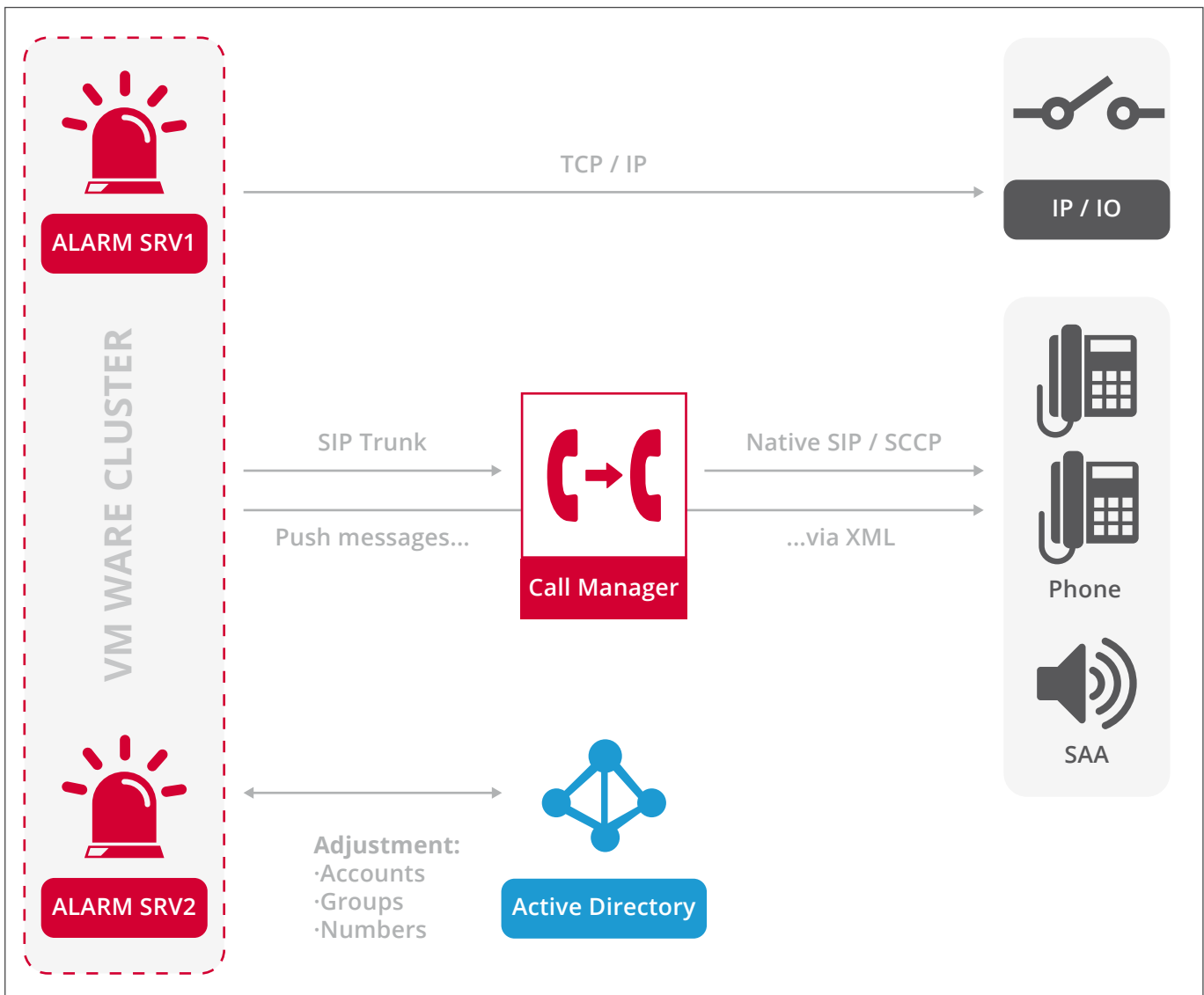
- Virtualization (full integration in existing infrastructure)
- Microsoft Active Directory (AD) Integration for central management of the alarm circuits, participants and groups
- AD integration minimizes administration and maintenance costs
- Tenant capability - image of the organizational structures
- Integration of external pulse generators (hidden buttons, fire alarm systems, etc.) via IP to the central cluster

Result:

The result is an operator model which is offered per port to the authorities.









Perspectives:

- Further development to the central middleware for audio and video transmission far beyond the pure alarming
- Connection to central management systems and control rooms e.g. GMA managers, central crises teams or external security providers



Exemplary construction of a central alarm server in the public sector.



-  Available for all employees at the Cisco Cluster
-  Tripping over desk telephone
-  Autolearn function for cyclic instruction
-  Emergency and team meetings
-  Fast reaction in case of attack and amok
-  Acknowledgment and logging
-  Dynamic call chains with individual thresholds
-  Alarms on live announcements, voice mail, etc.
-  Dynamic building blocks

AMOK- AND ASSAULT ALARM

There is more and more frequent attacks on employees in public offices. The responsible persons in the state authorities are asked to implement solutions to protect their employees

The following product characteristics are currently defined:

- Triggering the alarm on the telephone
- Notification within the group
- Announce which room and which scenario
- Explore the situation
- Personal clarification or handing over to the emergency personnel
- De-escalation







EMERGENCY CALL

Automatic notification, the subtle fetch of help or accessibility of individuals or groups in emergency scenarios are current issues. In an emergency, seconds can be decisive.

The following product characteristics are currently defined:

- Triggering the alarm on the telephone
- Notification within the group
- Announce which room and which scenario
- Explore the situation
- Personal clarification or handing over to the emergency personnel
- De-escalation



-  Revaluation of existing sound reinforcement
-  Available for all employees at the Cisco Cluster
-  Alarms by voice mail via telephone system
-  Dynamic call chains with individual thresholds
-  Coupling to the Active Directory
-  Acknowledgment and logging via reporting module
-  Triggering via existing fire detection system

FIRE ALARM VIA THE TELEPHONE SYSTEM

A fast and secure alarming will decide life and death in case of emergency. The alarm server manages all alarm sources and connects them to the telephone system.

In the case of an alarm, voice announcements are made via the telephone, which provide detailed information on the alarm as well as evacuation measures.

The following product characteristics are currently defined:

- Alarming via voice mail
- Notification via desk phones
- Announce which room and which scenario
- Explore the situation
- Personal clarification or handing over to the emergency personnel



OPERATION AND ROLLOUT

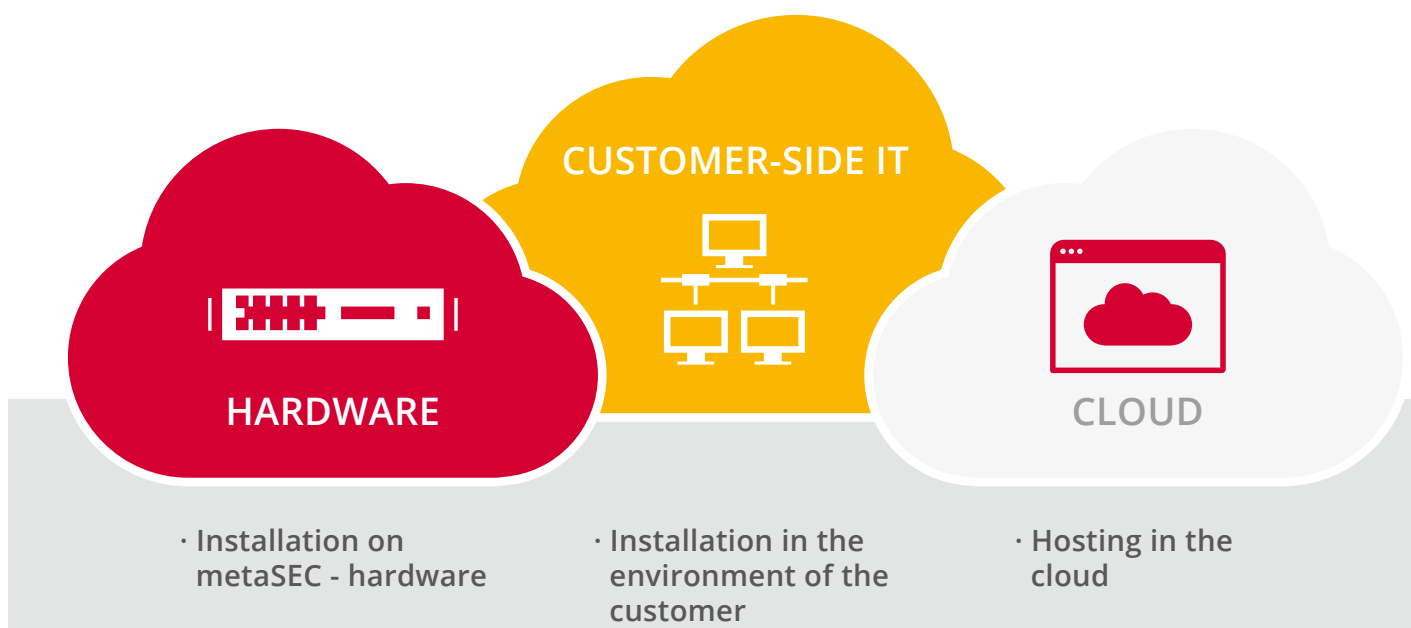
ROGER requires a server backend for the operation of the databases as well as the web services. The server system is based on a Linux and is largely independent of the system environment.

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 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 is necessary to ensure that the system is sufficiently dimensioned in terms of performance.

On all systems, the software is preinstalled on the latest software version at the time of delivery. You can start with the facility immediately.





HARDWARE APPLIANCE

The hardware systems are supplied in two variants - M and L. Both differ only in the equipment and the maximum retrievable performance. All functions can be displayed on both systems. The M system is sufficient for small to medium installations. However, if you plan a larger system, with many clients or branches with the corresponding high number of parallel operations, the L system is the better choice. A determination of the required power can be predicted well by a specification sheet.

It is also possible to switch to a larger system or a virtual appliance at any time. Only one backup must be installed on the new system.



VIRTUAL APPLIANCE

Virtualization and cloud computing are the biggest trends in recent years in the IT industry. Consolidation of IT processes or the simplification of the infrastructure are the primary drivers of this trend.

The virtual appliance is our response to these market needs. The system includes all the features offered by the hardware systems and can cover almost any power requirement. The performance limit is only determined by the underlying host hardware. Larger environments can be split into several instances to achieve even greater efficiency within the infrastructure. The server is available as a »ready to run« VMware® Image or deployment template.

You can also download a VMware® Player image for demo - an unbelievable advantage in the sales process and customer experience.



ROGER AS A SERVICE – R(AS)²

If the user does not wish to operate his own backend system, he can obtain the entire service via the online platform www.ras-quadrat.com. The platform provides all functions, right up to client and multisite capabilities. A big advantage is that the user always keeps up with the latest software.

The billing is done here on a monthly basis and depends on the chosen package. For more information, please visit www.ras-quadrat.com



ROGER AS A SERVICE - R(AS)²

ALARM SERVER AS A RENTAL PLATFORM

Total failure of infrastructure, BCM or K-case concepts - there are some situations which require the operation of an alarm server and the associated processes.

However, it is not just process specifications that make a rental product attractive. The user gets rid of all administrative maintenance work as well as infrastructural investments at the same time.

With the product R (as) ², we offer the complete functional diversity within the framework of a rental and hosting concept. You manage your alarm circuits and action plans via a central management interface. From any location in the world.

Some of the basic functions that ROGER also offers you as SaaS are:



Centralized data management
in a secure external data center in Germany



Access to alarming and processes
even in case of total failure of the infrastructure



No investment
In own hardware and software updates, no maintenance costs



Transparent cost control



Adhoc implementation of alerting processes



Structured processing and follow-up of events



Can be integrated into other internal IT processes via API



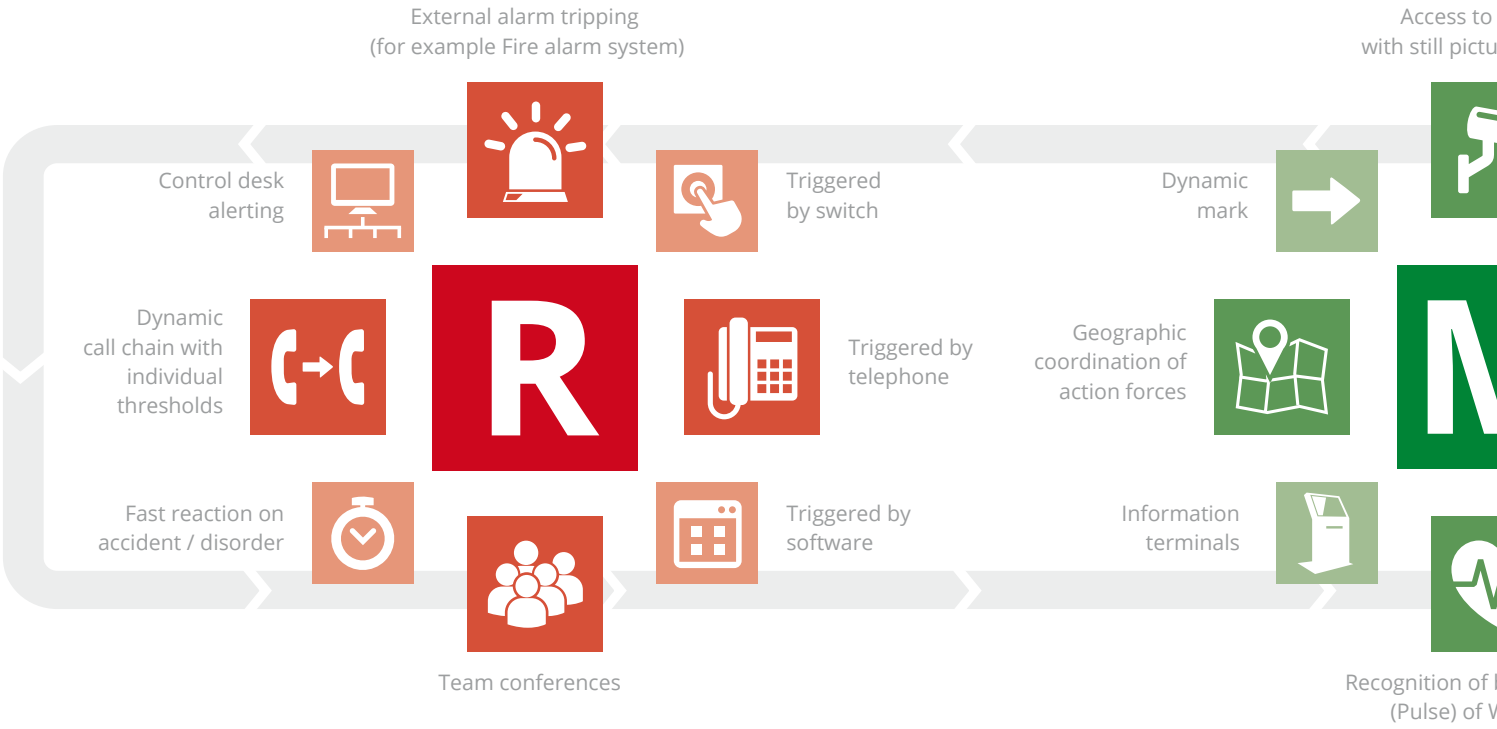
Our rental and hosting platform allows a quick introduction into the process of visitor management. It not only saves expenses in the acquisition of licenses and hardware, but also allows the design of new business

models and recurring sales. SaaS as a major topic in the IT industry is another buzzword for addressing new customer strata.

COMMUNICATION SYSTEMS DEVELOPMENT

ROGER
INTELLIGENT ALARM
AND COMMUNICATION SERVER

MI
INFORMATION HUB FOR
CRITICAL COMMUNICATIONS



EVACUATION / ALARMS



FACTORY ALARM



MOBILE SECURITY

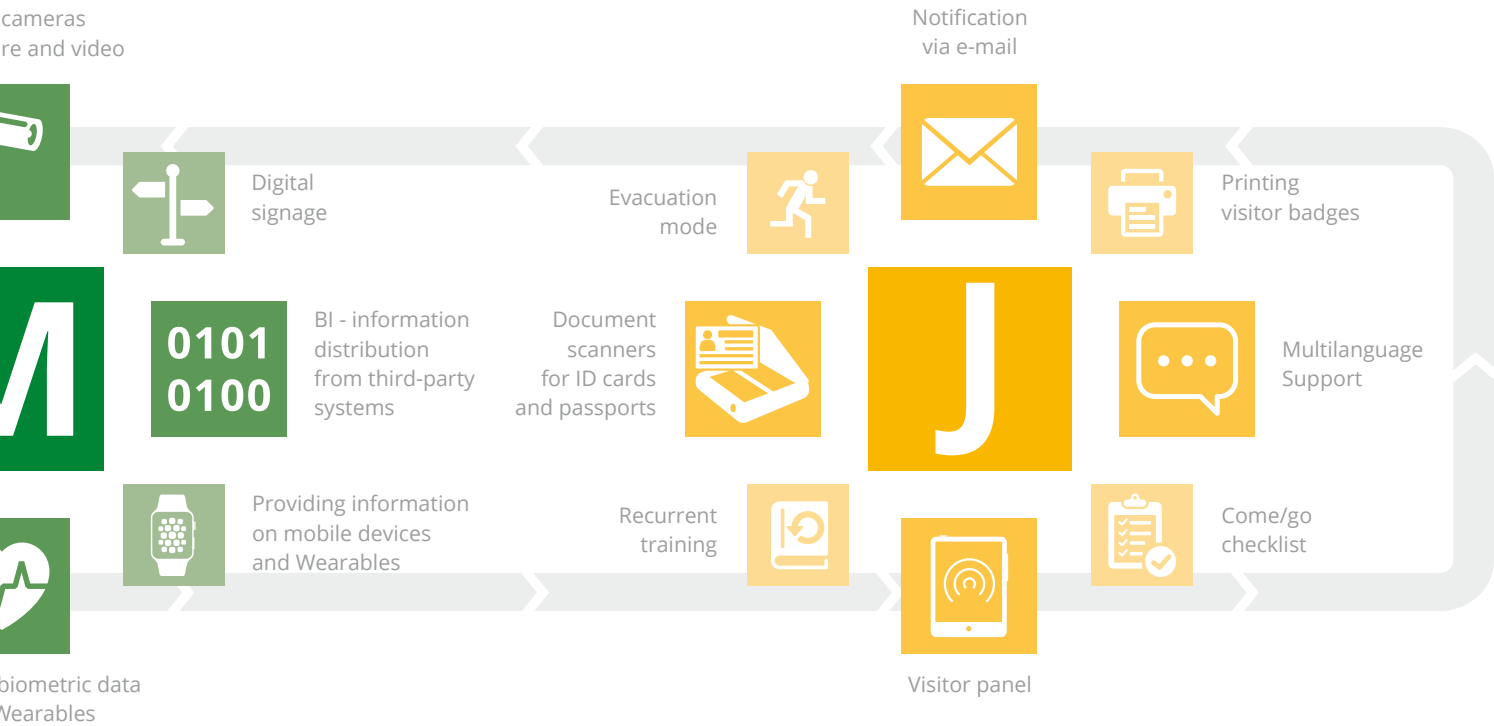
DEVELOPED WITH PEOPLE - FOR PEOPLE

DAS

FOR THE DISTRIBUTION OF
COMMUNICATION PROCESSES

JAMES

VISITOR MANAGEMENT



MOBILE DEVICES
/ WEARABLES



VISITOR MANAGEMENT



DATA / INFO TERMINALS

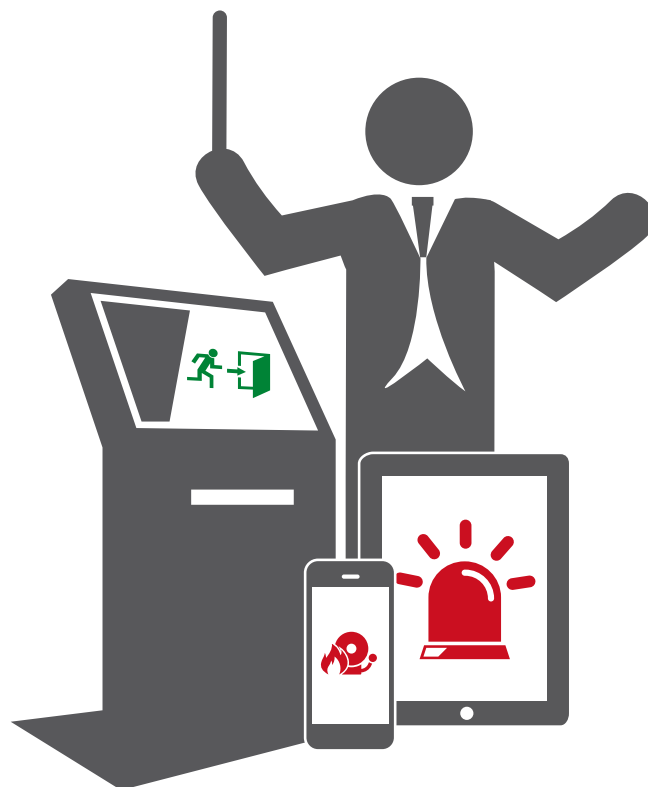


THE ROGER STORY BRIEFLY EXPLAINED

Whether in the event of an accident, in the event of a fire or in case of an attack - our alarm server ROGER can be used for all these scenarios and orchestrates all procedures safely and reliably. In addition, the »integrated process« can be used to add a variety of other functions. Thus, ROGER, MIDAS and JAMES work hand in hand and ensure a seamless process, far beyond the mere alarming.

You can see exactly how a scenario looks like or the sequence works, in the following »ROGER Story«.

The whole story can also be found as an animation at www.metasec.de



R**1. DEFINE ALARM**

1

R**DEFINE ALARMING****Who**
is being alerted?**How**
is being alerted?**Why**
is being alerted?

2

R**2. CREATE AND MANAGE ALARMS**

3

R**HOW SHOULD BE ALERTED?**

Live announcements



speech recordings



E-mail



SMS



dynamic building blocks

4

R**3. CASE OF ALARM**

5

R**TRIGGERED BY:**

phone



Hidden contact

External contacts (e.g.,
fire detection system)Central management
solution / control room

6

R

ALARMING IS RUNNING



Notification to
Mr. Klein
via live announcements



Notification
to Mrs. Müller



Notification
to Mr. Maier

6

R

ACKNOWLEDGING THE ALARM



Acknowledgment
of the announcement
by DTMF



Acknowledgment
of the alarm
by Mrs. Müller



Acknowledgment
of the alarm
by Mr. Maier

7

M

MEASURE 1: EVACUATION



Guidance
system



Emergency exit



Check at
collection point

10

J

MEASURE 2: VISITOR ALERTING

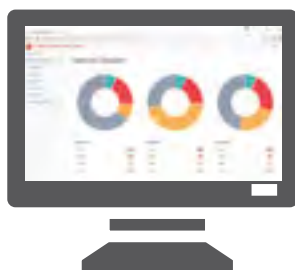


By linking to the visitor management system JAMES,
the alerting of guests on the premises, as well as the host,
can be included in the measure.

11

R

TACTICAL BOARD



Consolidated reports on tactical dashboards

14

R

DOWNSTREAM REPORTING



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

15

R

4. PROCESSING OF ACTION PLANS (OPTIONAL)

8

M

ACTION 1: EVACUATION



9

R

MEASURE 3: HAVARIE / PRODUCTION DISRUPTION



12

R

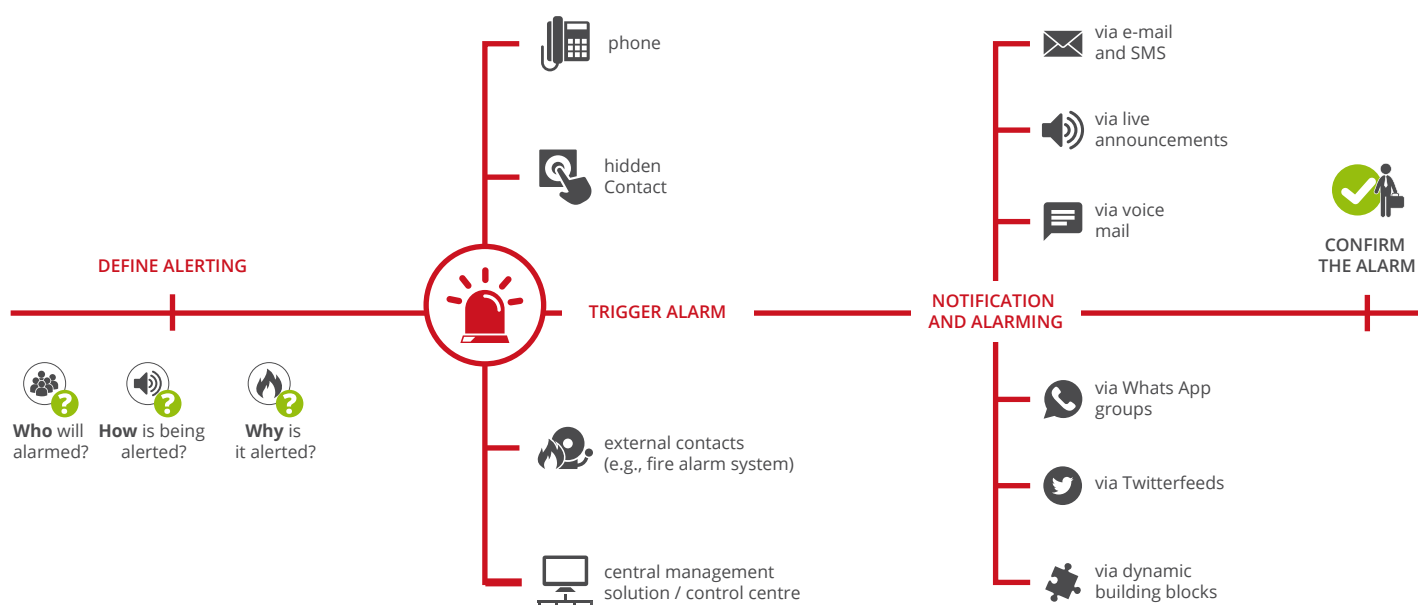
5. OTHER FEATURES

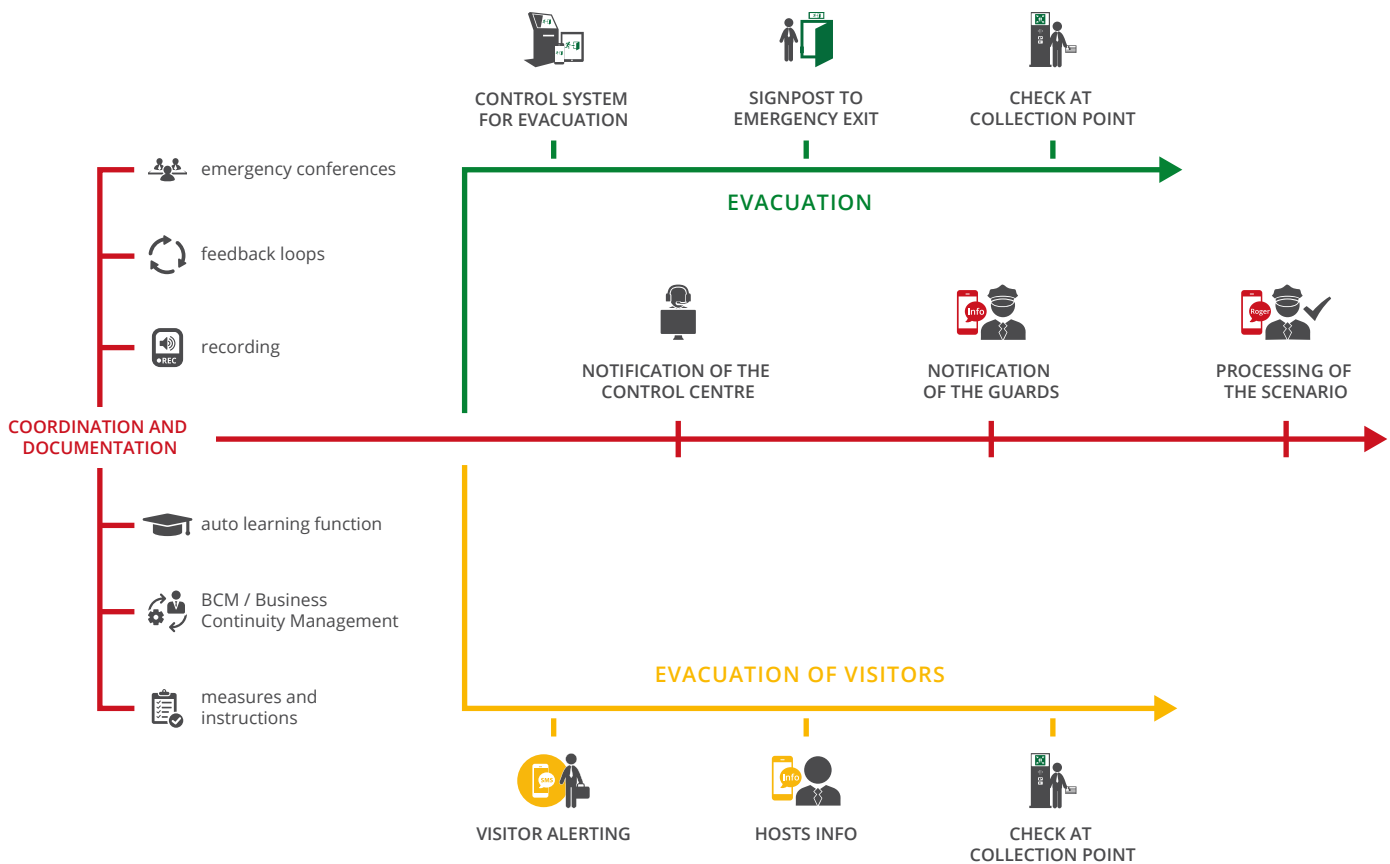
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EVENT SEQUENCE FOR ALARMS





Scan the QR Code and watch the animated »ROGER Story«.

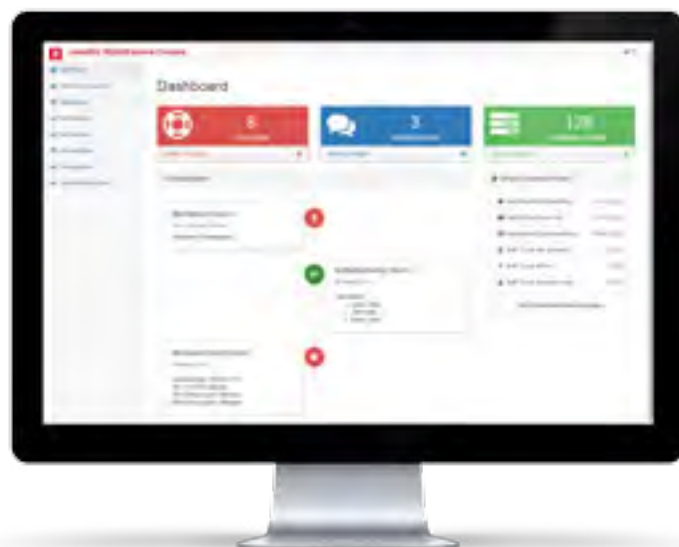




MONITOR THE EVACUATION - THE TACTICAL DASHBOARD

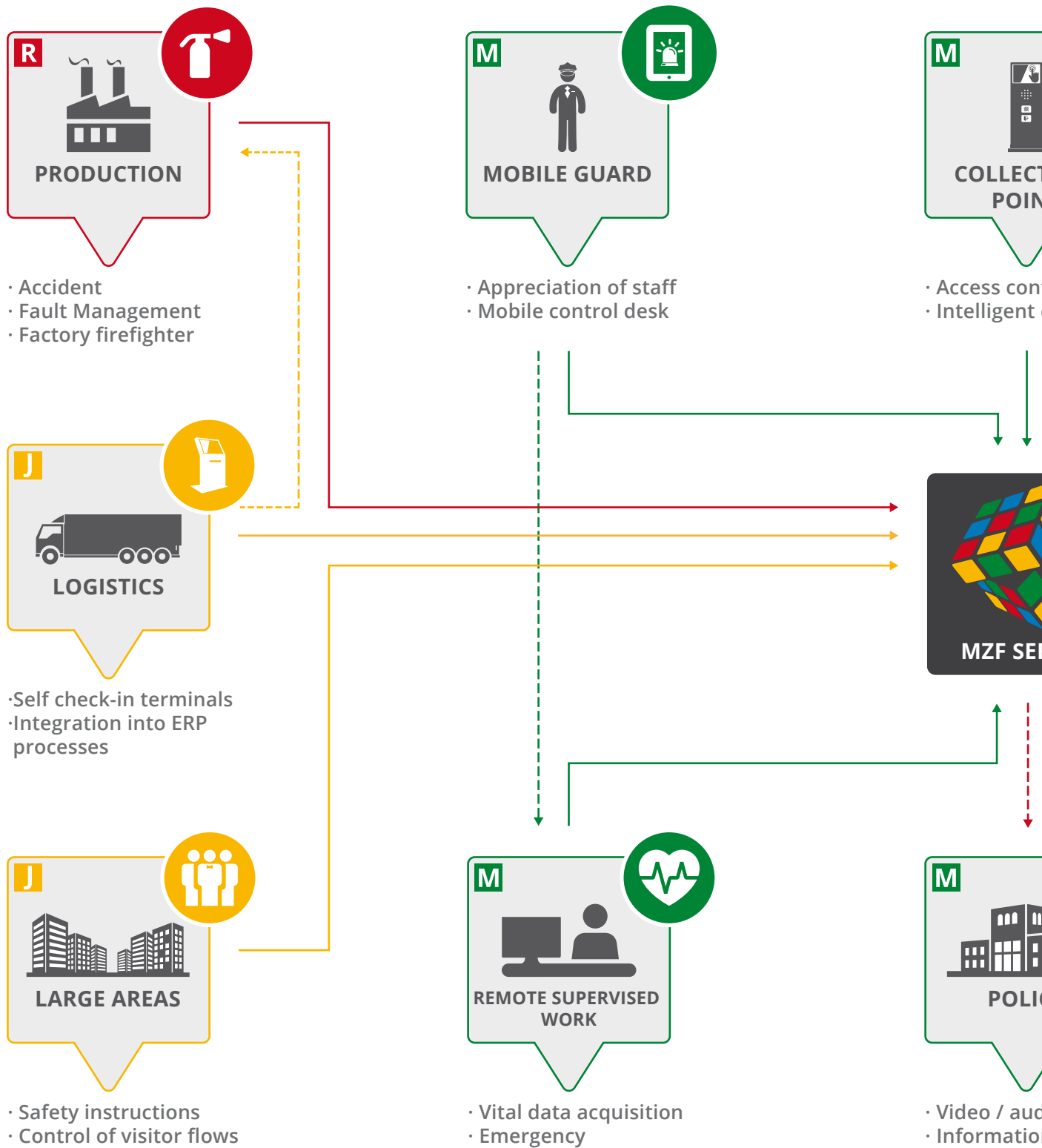
The so-called tactical dashboard helps you to monitor the alarm or evacuation situation. Keep an overview of the evacuated people at any time and see who is still on the site. You can also use the dashboard to hold emergency meetings, plan and initiate actions, and track the progress of the evacuation.

The tactical dashboard can of course be accessed via the evacuation terminals, but also conveniently via your PC or smartphone. The web-based application synchronizes continuously and processes the incoming data in real-time. This is also ensured in the case of several terminals, which the current status of the individual pillars will also pass on to the others. In this way, all the recorded persons can be reconciled between the different locations

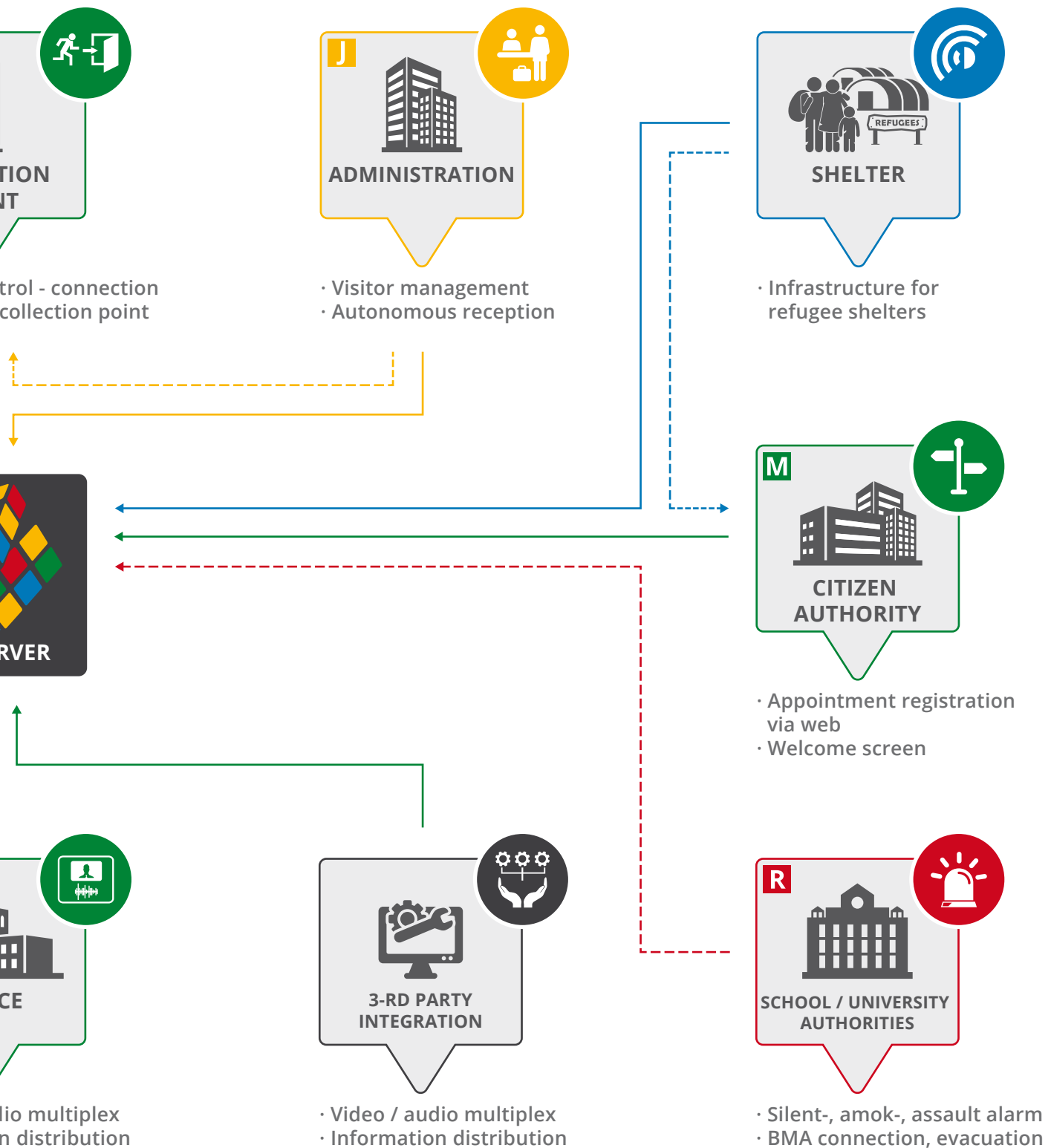




SMART TECHNOLOGIES FOR



R NETWORKED CONCEPTS





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ALSO AVAILABLE AT :

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