PNA PERSONAL–EMERGENCY SIGNAL PLANT

At the right place at the right time

Detect → Filter → Escalate → Search/rescue

FELSENMEER

FELSENMEER PERSONAL-EMERGENCY SIGNAL PLANT (PNA)

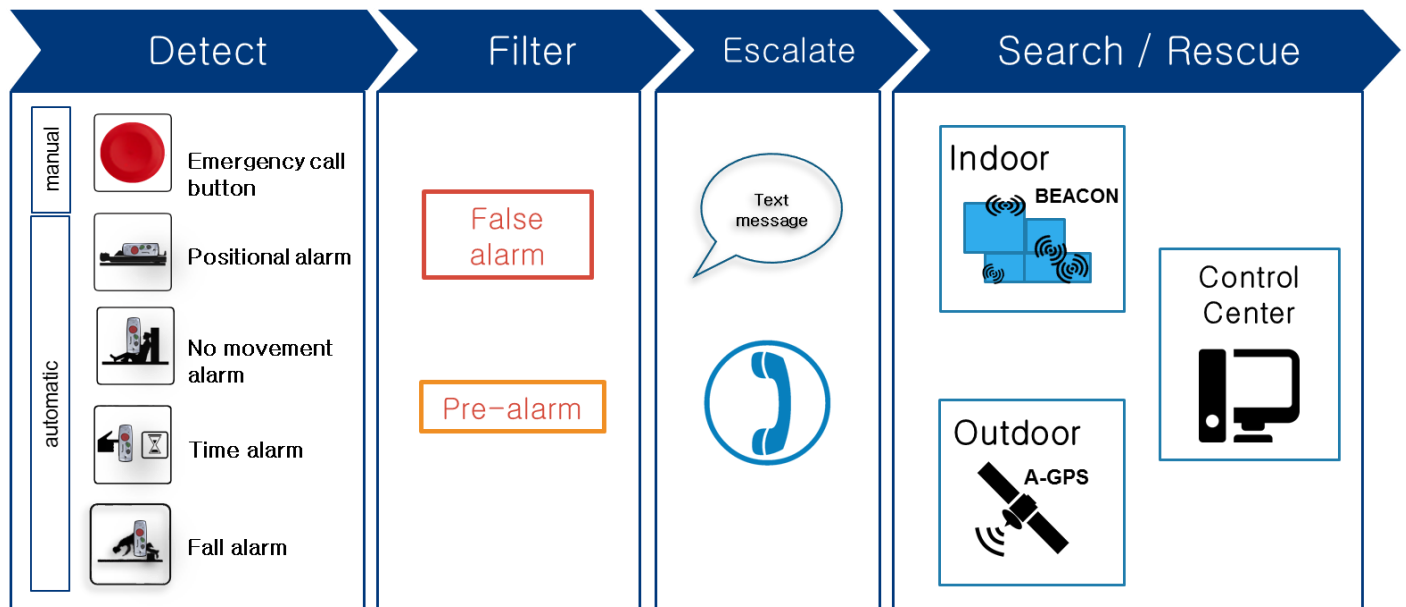## Full safety as per DGUV rule 112-139 (formerly BGR 139)

Felsenmeer Personal-emergency signal plant ensures efficient alarm handling for optimum personal security whilst using public telecommunication networks.

What are the components of a good Personal-emergency signal plant?

Using the Felsenmeer PNA is to ensure that the necessary rescue measures can be initiated timely and selectively in an emergency situation. In addition to legal directives, we continue to develop our software and hardware and adjust them to technological changes. This is the only way for us to ensure that our clients have an effective and efficient PNA solution at their disposal.

Application example

Detect	Filter	Escalate	Search / Rescue
manual — Emergency call button	False alarm	Text message	**Indoor** BEACON
automatic — Positional alarm / No movement alarm / Time alarm / Fall alarm	Pre-alarm		**Outdoor** A-GPS / Control Center

Felsenmeer personal-emergency signal plant has the necessary functions and complies with the defined maximum response times as per DGUV directive 112-139.

Elements of the personal-emergency signal plant (PNA)

The Felsenmeer PNA consists of portable personal-emergency signal devices (PNG, German: **P**ersonen-**N**otsignal-**G**erät), the personal-emergency signal locator beacon (mostly for indoor locating) and a personal-emergency signal receiving centre (PNEZ, German for: **P**ersonen-**N**otsignal-**E**mpfangs**z**entrale).
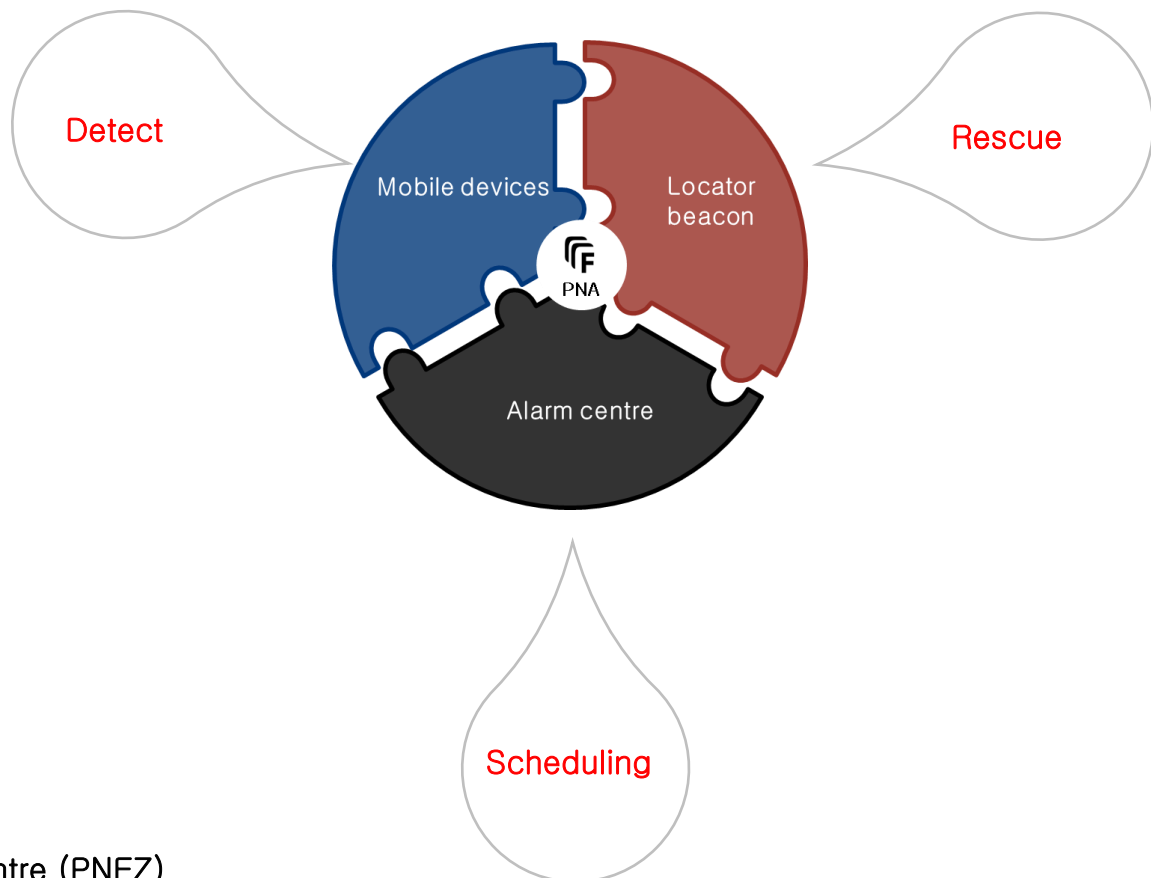
According to occupational safety legislation, hazards, which are connected to working alone, have to be determined and the working conditions have to be evaluated. After hazard detection and a separate risk evaluation as well as examining the probability of an emergency, there is the option to use the complete Felsenmeer PNA or, depending on the results, even just parts thereof. The Felsenmeer PNA is designed modularly and can be adjusted to its requirements and existing infrastructure.

Mobile devices (PNG)

Personal-emergency signal devices (PNG) are wireless signal transmitters which have to be carried by vulnerable persons. These devices trigger a person alarm in the personal-emergency signal receiving centre either deliberately or automatically.

Locator beacon

The locator beacon helps to find the person faster. It is a wireless and battery powered beacon which can be installed in fixed locations. It can also be used for outdoor locating.

Detect

Rescue

Mobile devices

Locator beacon

PNA

Alarm centre

Scheduling

Alarm centre (PNEZ)

The personal-emergency signal receiving centre is used to establish and process alarm/status messages and locator information as well as for technical monitoring of personal-emergency signal devices and locator beacons.

Functions of the personal-emergency signal plant (PNA)

Detect
- Alarm types can be adjusted individually as per time or inclination angle
- Standstill monitors

Filter
- Configurable pre-alarm
- Comfortable reset of the faulty alarm by pressing the button or movement sensor

Escalate
- Storing a telephone directory and prioritisation for escalation
- Defining a text message group for the alarm
- Call! Query
- SOS emergency call to external rescue services

Search & rescue
- Display the coordinates via the alarm centre
- Display the coordinates for the text message recipient
- Organise a telephone conference via external service providers

Manned guarding
- Premises check per GPS, adjustable using time or distance
- Premises check using locator beacon, reaction based on time or recently found beacon

Performance features of Felsenmeer Personal-emergency signal plant

Supported PNG	• SHALOSH ECO • SHALOSH • GSM S EX PLUS • as well as previous models
Locator	• Option: Location display on map or sitemap using locator beacon BEACON ECO / CIPOLLINO BEACON / BEACON EX • GPS locator (only for SHALOSH and SHALOSH ECO)
Alarm messages	• Per text messages: Pressure, position, resting, time or fall alarm (fall alarm only for SHALOSH and SHALOSH ECO)
Escalation alarms	• New alarm • Not acknowledged • Not processed • Pop-up window (colours can be adjusted) • Time limits (individually adjustable) • Acoustic signalling • Melodies (adjustable)
Status messages	• login/logout • "112" dialled • Sensor test failed • Connection test • Battery / rechargeable battery weak • Rechargeable battery empty / device switches off
Edit messages	• Enter comments • Reset messages
Device configuration	• Sort according to device groups • Save in database • Per text message
Device control	• Acoustic vicinity locating • Hands-free mode

Map material	• Offline maps
	    o Individual country maps for Europe
	    o Overall Europe map (worldwide upon request)
	    o Integration of site maps and building layouts is possible

Screen window	• Device status • Map / site map • Message list • Device configuration
Logview:	• Integration in GUI & authentication • Integration in client's own application possible
User rights	• Administrator • Configurator • Users
Archiving:	• Integrated backup and restore routines to backup all PNEZ DBs
Data security:	• Data access only by authentication incl. backup and restore
Database:	• MS-SQL-Server, MS-SQL-Server Express
Network connection:	• Client-Server, IPv4 & IPv6, Socket-connection can be used bi-directional
Language version:	• German • English • Other languages on request.

Felsenmeer Personal-emergency signal plant

SHALOSH ECO

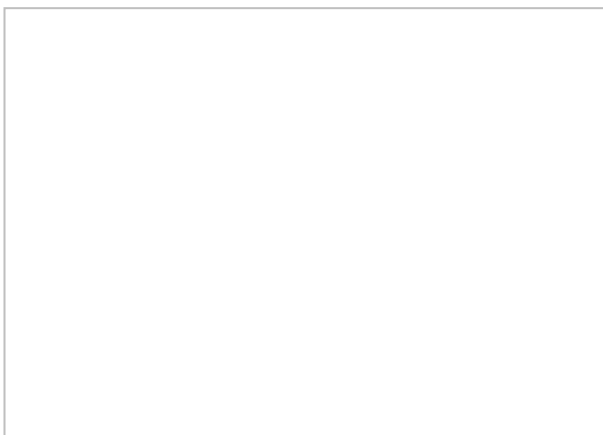### BEACON ECO

FELSENMEER ALARM CENTRE

GSM S EX PLUS

BEACON EX

FELSENMEER ALARM SERVER

Your contact

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