

Software



Visocall Mobile
Visocall Mobile is used for answering and processing of calls via smartphone. It allows care staff to communicate with patients and staff anywhere, anytime.



Control panel
The ward control panel ensures clear and simple indication and operation of the Visocall IP system. The graphic interface provides clear ward plans, interactive room buttons, event lists and context-related control buttons. It thus provides a clear overview at any time of the events occurring in the respective ward.



Event database
The event database is used to support care documentation. All calls, staff presences and system events are recorded with time, date and corresponding information about the ward and the room name. The database can be searched for events depending on a time period and/or a location, whereby the indication and evaluation of the server-side stored data takes place via web browser.



System Monitor
The System Monitor is used for building service departments to evaluate system changes and fault memories or to indicate system faults. It has password-protected access and can manage several Visocall IP systems.



Audio Manager
The Audio Manager enables targeted announcements, voice prompts or calls to patients and staff. By assigning inputs, audio content can be sent to predefined wards and general announcements can be controlled by external systems.



Patient Management
The patient management is used to collect, display and print important patient data, which should be displayed immediately on the monitor when a call is received. The patient data is required for the entries in the event database, but can also be used optionally, e.g. for the recording and billing of fee data or for detailed indication of alarms from the RTLS.



**SCHRACK
SECONET**

Visocall IP

System overview

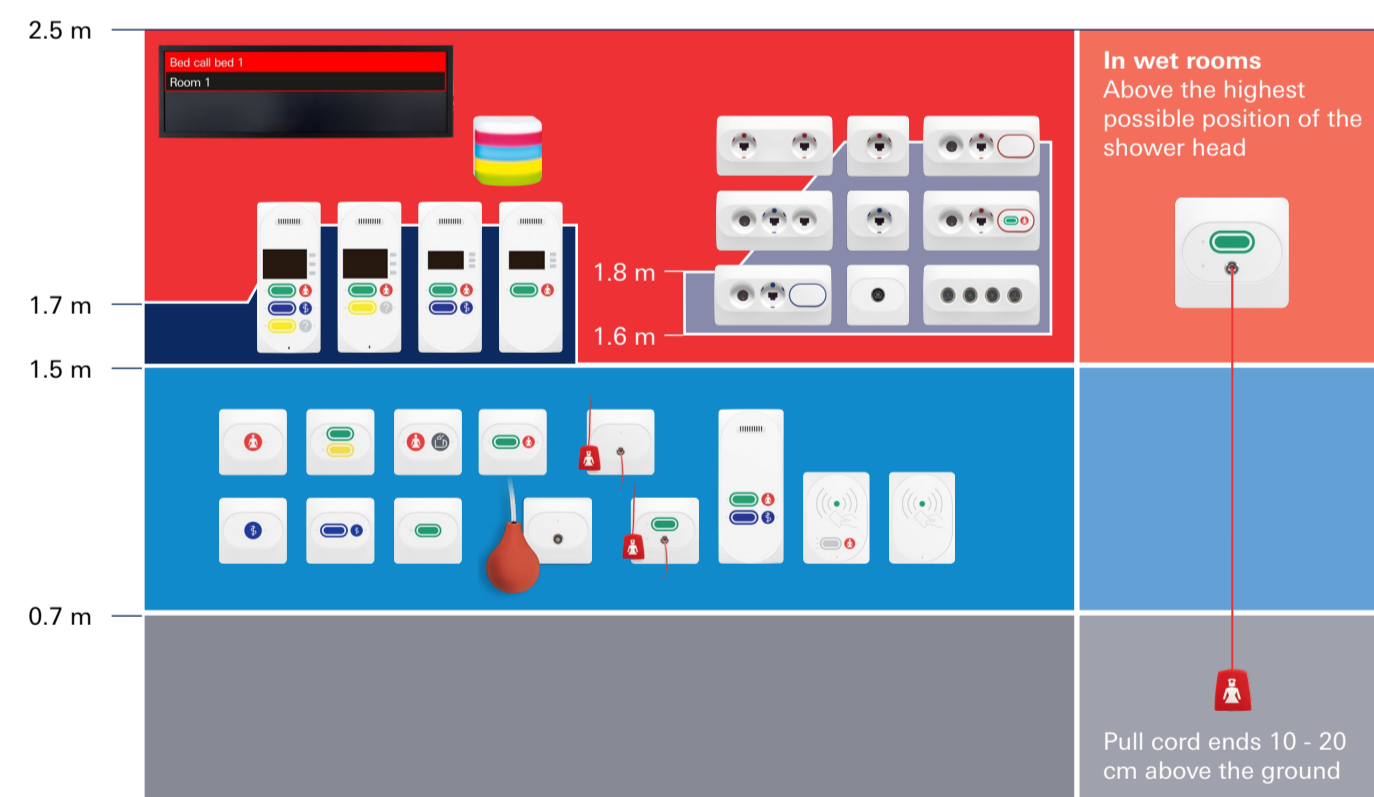
HOSPITAL



EN

HEALTH CARE

Installation height



System limits

The configuration of communication systems as well as the installation, commissioning and maintenance of the products (and the systems built with them) require special expertise and may therefore only be carried out by trained specialist personnel.

General:

- max. 75 wards
- max. 130 rooms per ward
- max. 16 beds per room
- max. 6 system switches per cascade
- max. 8 sum criteria per system switch
- max. 2000 IP components per Management Center
- max. 1000 IP components per Logical Delivery Point

IP components:

- max. 100 m cable from uplink
- max. 100 m cable to communication terminal
- max. 60 m cable to connection module / Staff Terminal

- max. 60 m to connection module / patient handset
- max. 7 patient handsets per system switch

IO bus:

- max. 20 rooms without speech per system switch
- max. 1200 m cable length
- max. 127 participants
- max. 500 mA per IO-bus

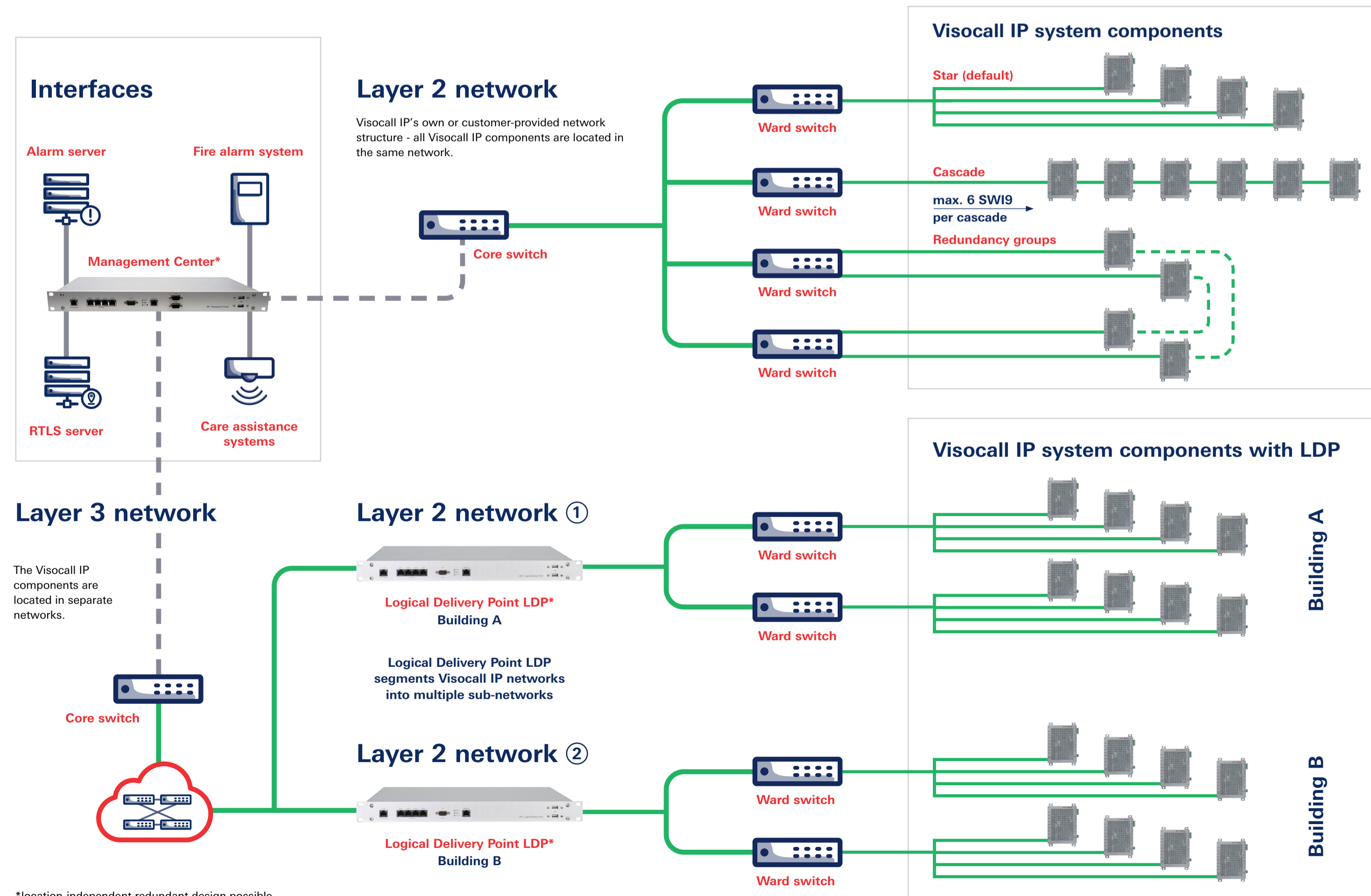
C-bus components:

- max. 120 rooms without speech per system switch
- up to 60 rooms with speech
- max. 1000 m cable length
- max. 15 components per room

Basic components:

- max. 50 m cable length to basic components

Networking

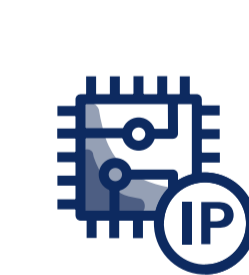


*location-independent redundant design possible

Future-proof thanks to IP technology

The increasing demands of a modern hospital require intelligent solutions for planning, implementation and future expansion. Conventional systems no longer meet these requirements in terms of functionality and life cycle costs. System integration with mature IP technology creates new possibilities:

- A powerful network for a wide variety of services and functions avoids a large number of individual installations, cabling expenditure and investment costs.
- System integration offers higher availability and reduced maintenance and operating costs over the entire system life.
- Simple data exchange using the Internet protocol overcomes conventional barriers and enables the smooth interconnection of various trades.



- Staff call
- Telephony
- Speech connection between patients and staff
- Announcements
- Provision of media content (radio, TV, video streaming, Internet, Intranet)
- Control of light, blinds, TV
- Logging care data
- Cost accounting
- Connection of external systems (alarm server, RTLS server, fire alarm system, DECT telephone, VoIP telephone system, external audio system)
- Information from external devices (medical devices, sensor mats etc.)



Cost effective for installation and operation

- Secure, modular and expandable system structure offers planning freedom for all functions and services in the care sector
- Plug-and-play modules reduce commissioning and maintenance costs
- Durable and low-maintenance products



For all forms of organisation in the health sector

- Suitable for centralised, decentralised and mixed organisational forms
- Care organisation across ward boundaries
- Call prioritisation for fast and targeted response (emergency calls, Code Blue, etc.)
- Large selection of devices for exact adaptation to the requirements for care
- Intuitively operated devices for staff and patients

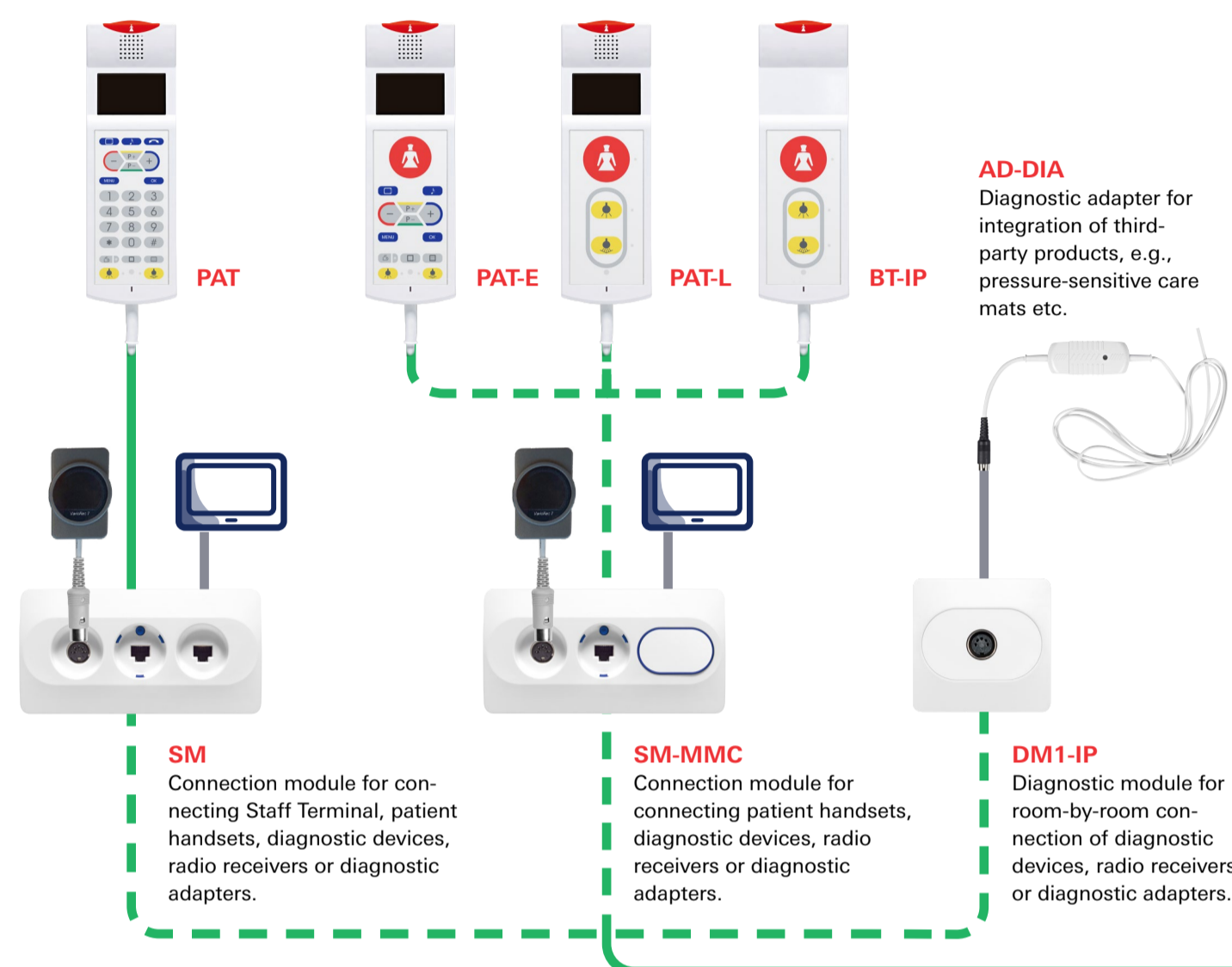


Reliable, standard-compliant and safe

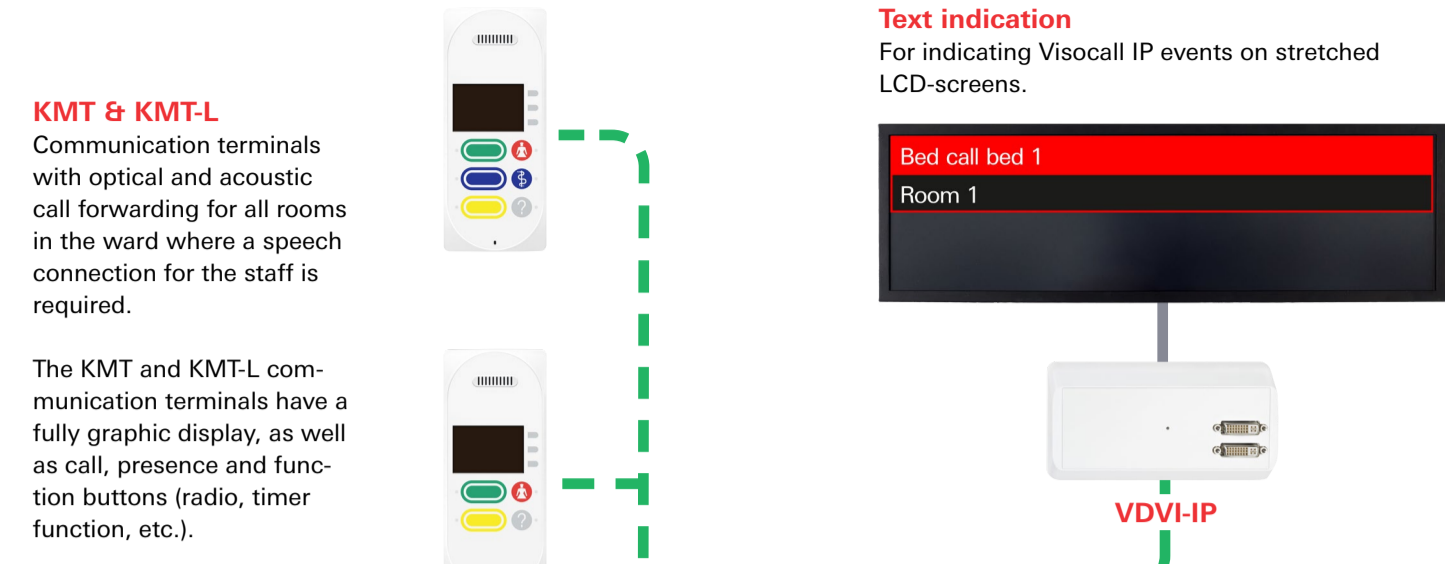
- Highest reliability due to decentralised, intelligent modules
- Redundant structures for uninterrupted system availability
- Clear prioritisation of network services using quality-of-service
- Permanent and automatic function control
- Visocall IP is certified according to VDE 0834 and thus meets the highest requirements regarding safety and reliability

Patient handsets

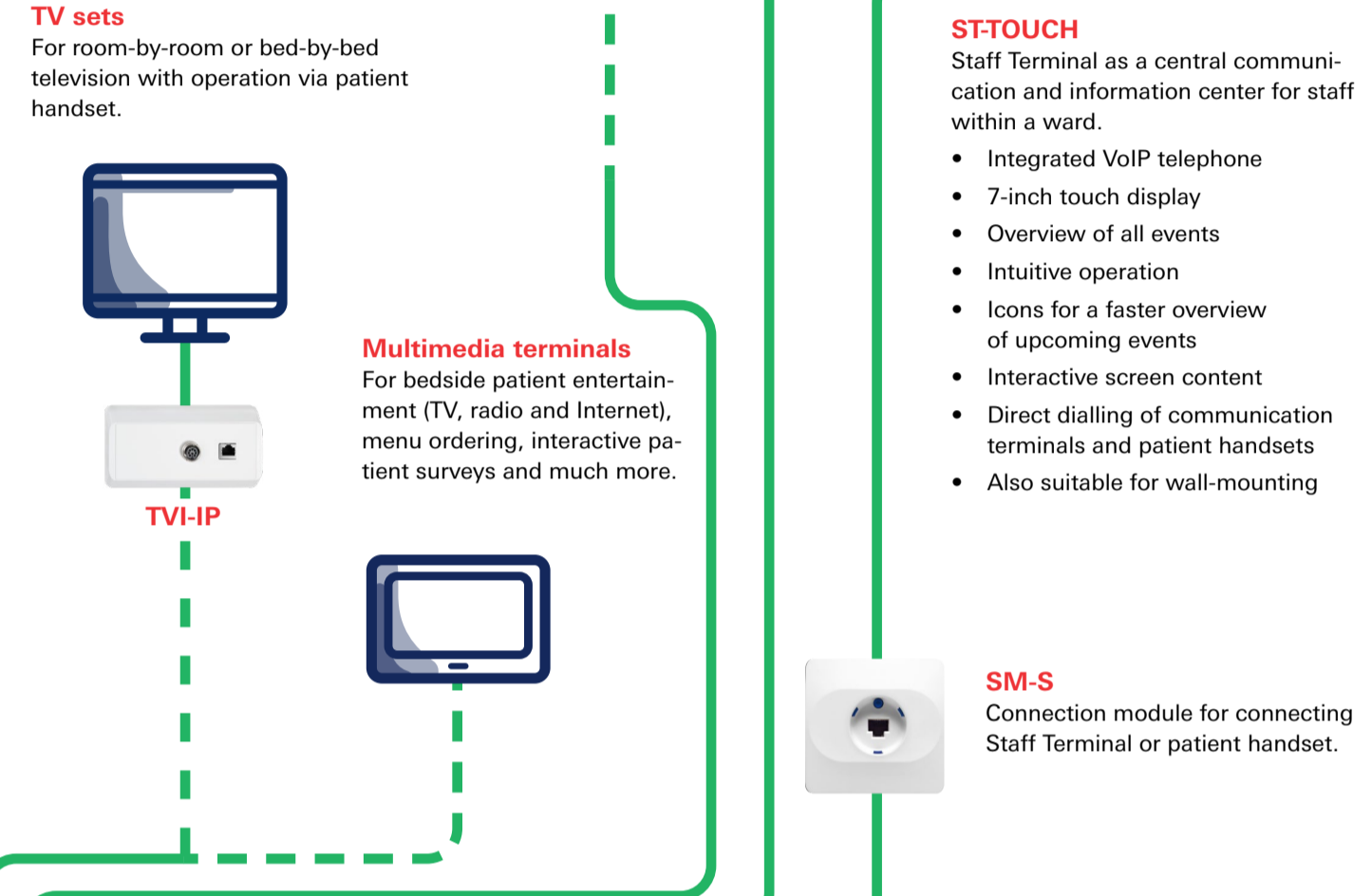
	PAT	PAT-E	PAT-L	BT-IP	BT-B
Call button (red) with locating and reassurance light	•	•	•	•	•
Room and reading light control (optional KNX)	•	•	•	•	•
Case and keypad have an antibacterial design	•	•	•	•	•
Intelliflex ejector plug	•	•	•	•	•
Call function with communication option	•	•	•	•	•
LC display with position alignment and automatic brightness adjustment	•	•	•	•	•
Headphone socket	•	•	•	•	•
Service call with speech option	•	•	•	•	•
Radio function	•	•	•	•	•
Channel selection and volume adjustment for system TV	•	•	•	•	•
Integrated IP telephone	•	•	•	•	•
Seccare Data	•	•	•	•	•
Seccare Assist	•	•	•	•	•
Blind control (optional KNX)	•	•	•	•	•
IR reception for the integration of environment control devices	•	•	•	•	•
Automatic volume switching	•	•	•	•	•
Menu-driven user guidance	•	•	•	•	•
Numeric keypad	•	•	•	•	•
Connection to IP connection modules	•	•	•	•	•
Connection to IO bus connection modules or basic connection modules	•	•	•	•	•



Indication and operating panel



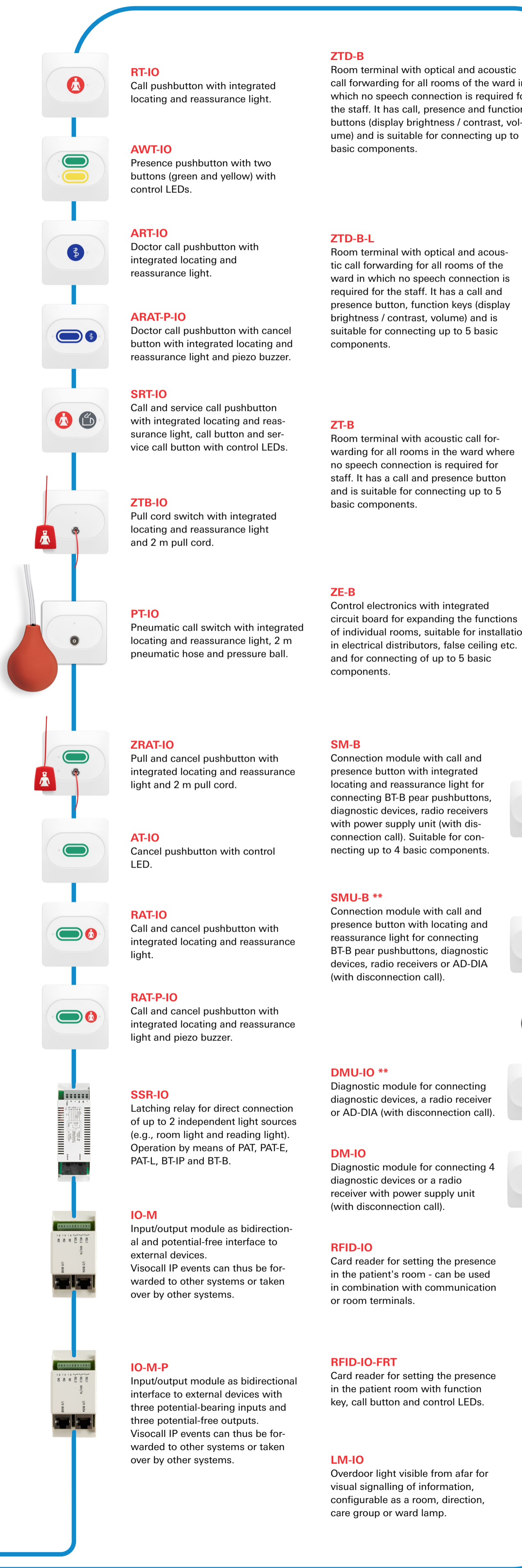
TV and multimedia



IO-bus components

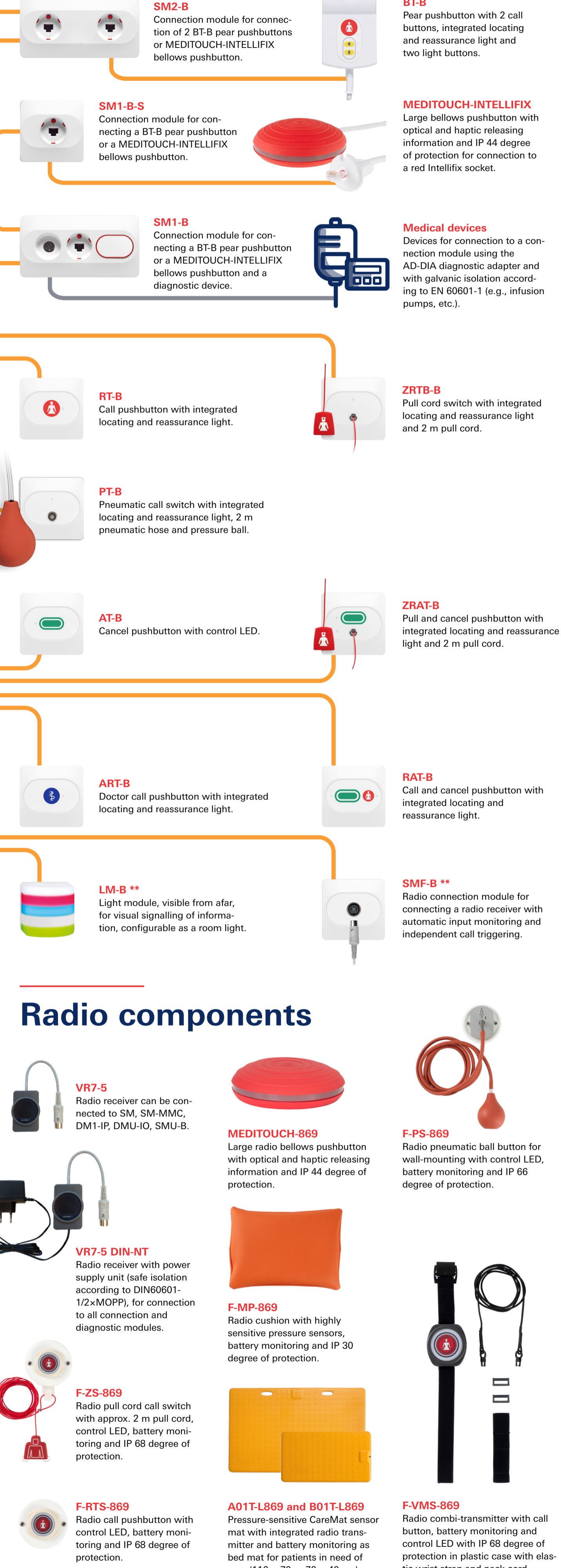
System devices such as call and cancel pushbuttons, light modules etc. are connected to the SWI9 system switch and thus to the Visocall IP network via its IO-data bus.

- max. 20 rooms without speech per system switch
- max. 1200 m cable length
- max. 127 devices per IO-bus
- max. 500 mA per IO-bus

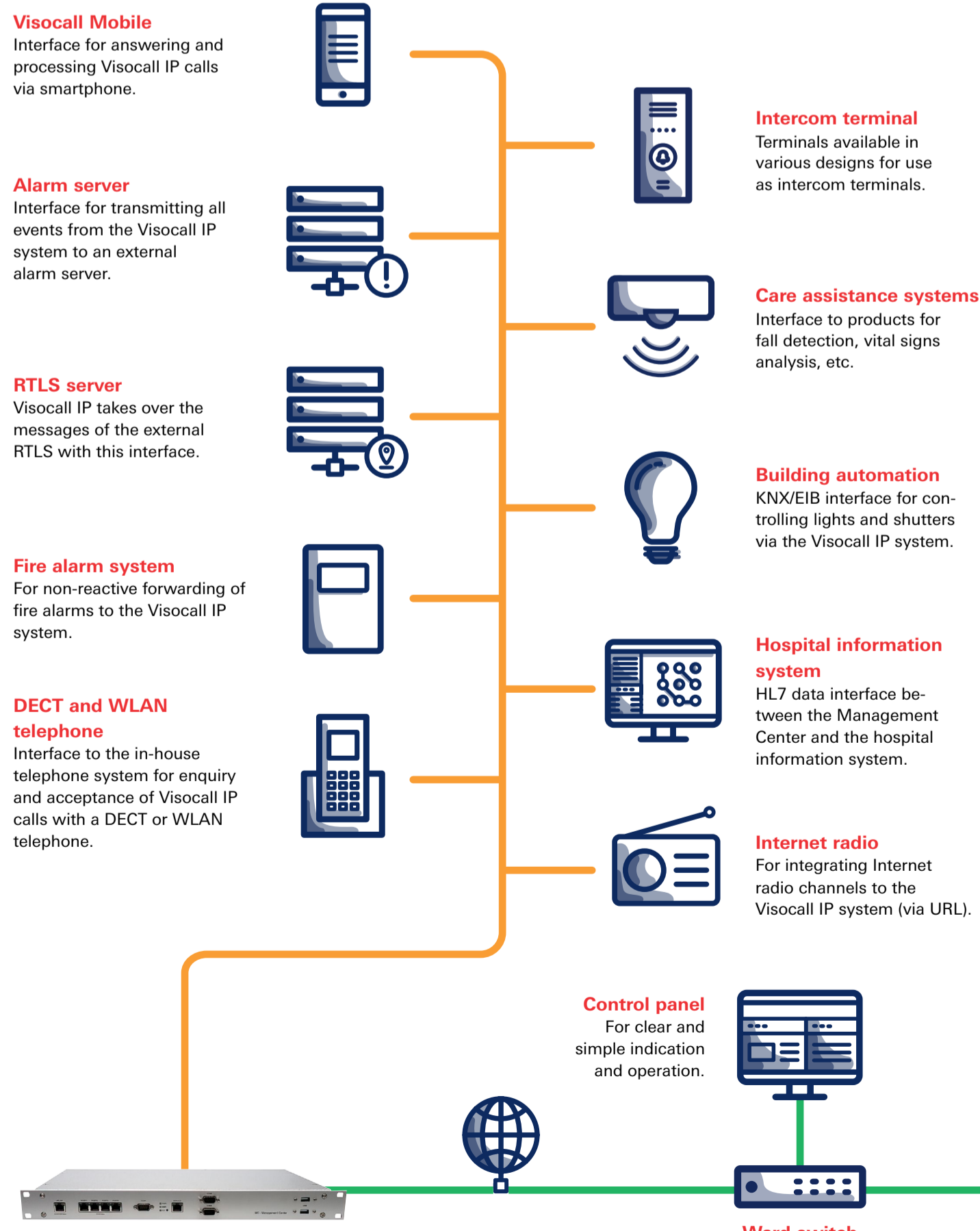


Basic components

Cable length from IO-bus components to basic components max. 50 m.

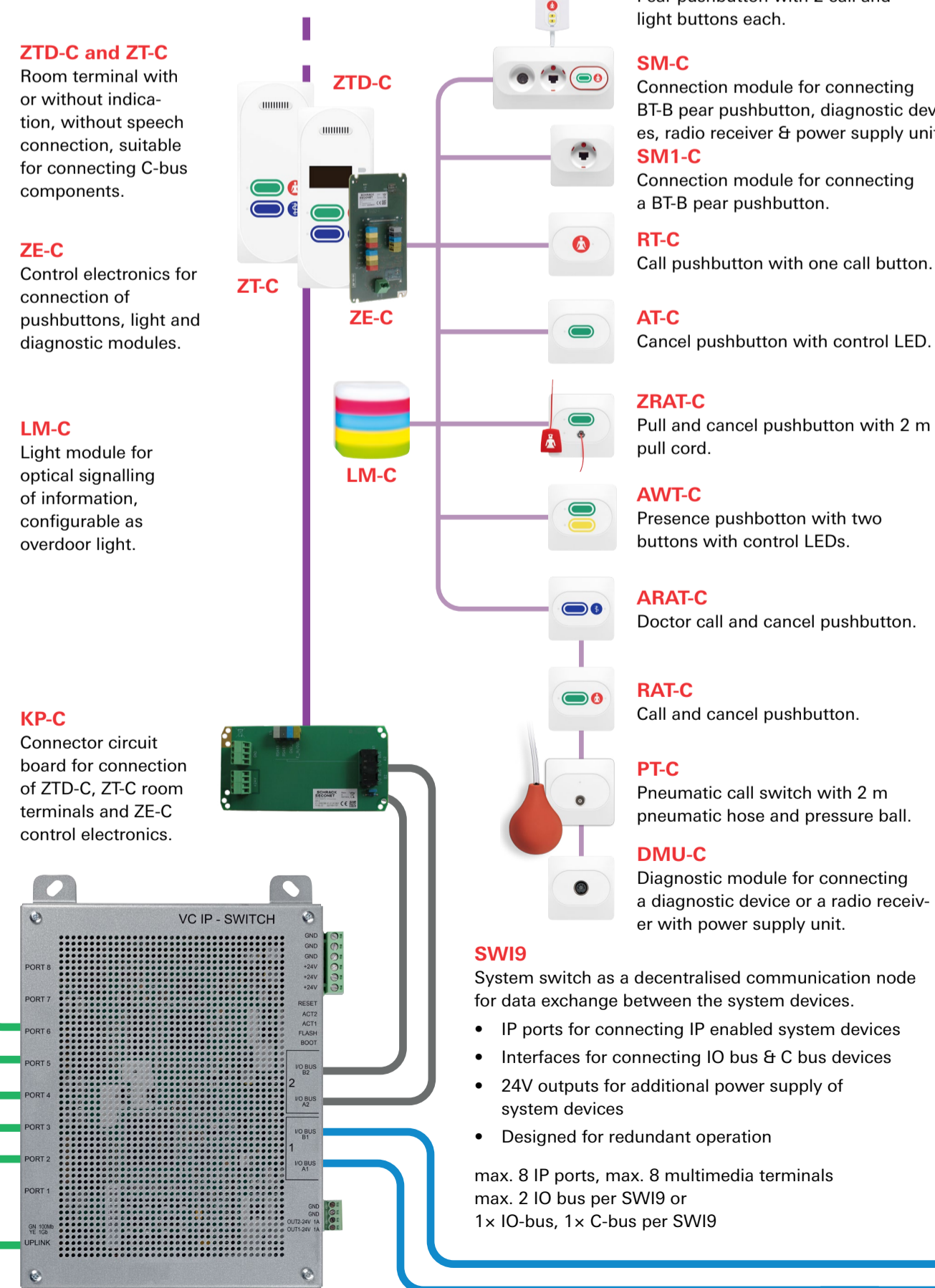


Sub-trades and interfaces



C-bus components

C-bus components for flexible cabling topologies.



** these components require an additional power supply from the SWI9 system switch or the system power supply unit