

modular



The powerful and networkable Integral EvoxX M control panels are particularly suitable for protecting large systems and buildings, such as industrial plants, office buildings, airports, hospitals, shopping centres. Additionally, the modular system offers the basis for a standard-compliant modernisation of old systems.

- Modular, decentralised system
- Up to 16 loops – max. 4000 elements per control panel
- TCP/IP interface
- Can be networked
- Hardware and software redundancy
- MMI- and EPI-bus interface
- Modernisation of existing systems
- Wall-mounted and floor-standing cabinet compatible module rack
- Multi-zone extinguishing control panel

MF / ME

Fire alarm control panel and/or extinguishing control panel



Wall-mounted cabinet



19" module rack wall/floor-standing cabinet



Modules for M control panels



B8-DX12A
For connecting two loops with the associated detectors and modules of the Integral X-LINE. To connect up to eight stub lines with corresponding Integral X-LINE detectors and modules. Alternatively, a loop and two stub lines, or a maximum of four stub lines, can be connected.



B8-SX18
To connect up to eight stub lines with corresponding Integral X-LINE detectors and modules. Particularly suitable for modernising existing stub lines from older control panel generations.



B8-OM8
Eight monitored outputs for activation of flashlights, sirens etc., each with a maximum current of 1.5 A. The primary line monitoring is carried out in accordance with EN 54-13.



B8-IM8
For connecting up to eight stub lines, which can optionally be planned as detector zones or as monitored inputs (e.g. VdS extinguishing interface).



B8-BAF
To connect external operating panels (MMI-bus), transmission equipment (main alarm output), alarm systems (sirens), and for activation of relay bus.



B8-MR16
16 bistable, freely programmable 30 V/3 A relay contacts that can be configured as normally open or normally closed contacts with optional fail-safe position. The module also contains an interface for activating the relay bus.



B3-REL10
Ten bistable, freely programmable 250 V/3 A relay contacts that can be configured as normally open or normally closed contacts with optional fail-safe position. The module can only be operated on the relay bus.



B3-REL16(E)
16 bistable, freely programmable 30 V/3 A relay contacts that can be configured as normally open or normally closed contacts with an optional fail-safe position.

The B3-REL16E module corresponds to the function and technical data of the B3-REL16 module, but has jumpers for the monitoring resistors that can be activated for use as a VdS interface for extinguishing and also a fuse to protect the contact circuit. The modules can only be operated on the relay bus.

Modernisation modules



B8-MT18
For connecting up to eight stub lines, which can be configured either as detector zones in monologue technology or as monitored inputs. For approval reasons, the module may only be used for renovation purposes.



B8-DC16
For connecting six inputs that can be configured either as detector zones in DC technology, as monitored inputs or as extinguisher inputs. For approval reasons, the module may only be used for renovation purposes.

compact



The compact and networkable Integral EvoxX C control panels protect medium-sized systems, such as residential complexes, large supermarkets and hotels.

- Compact, decentralised structure
- Up to four loops – max. 1000 elements per control panel
- TCP/IP interface
- Can be networked
- Software redundancy
- MMI- and EPI-bus interface
- Single-zone extinguishing control panel

CF / CE

Fire alarm control panel and/or extinguishing control panel



Modules for C control panels



B9-DX12
Extension for two Integral X-LINE loops. Alternatively, one loop and two to max. four stub lines can be connected.



B9-NET-FX4
Four optical fibre ports for use with pluggable SFP modules and one 10/100Base-TX interface for control panel networking as well as for the connection of digital applications.



B6-EIO
Ten inputs for connecting detector zones or monitored inputs and eight monitored outputs for connecting peripheral devices (signal devices etc.).



B6-NET2-485
Two RS-485 interfaces with line redundancy and one 10/100Base-TX interface for redundant control panel networking and for the connection of digital applications.



B6-NET2-FXM/FXS
One RS-485 interface with line redundancy, one 10/100Base-TX interface and two optical network connections for redundant control panel networking and for connection of digital applications.

basic



The powerful Integral EvoxX B control panels have been specially developed for the protection of smaller properties and protect, for example, unmanned technical facilities, underground car parks, catering establishments, supermarkets, retail chains, guest houses, gas stations, schools.

- Compact control panel
- One loop – max. 250 elements
- TCP/IP interface
- Can be networked via TCP/IP
- Software redundancy
- EPI-bus interface
- Single-zone extinguishing control panel

BF / BE

Fire alarm control panel and/or extinguishing control panel



External operating & indication devices

MMI-bus

Serial bus (max. 1200 m) for connecting up to 16 indication- and operating devices to Integral EvoxX M and C control panels.



B8-MMI-OB + B8-OB-PRT
Language-neutral external operating panel with external log printer



B5-MMI-PIP
Indication panel



B5-EPI-PIC
LED & Keypad



B3-MMI-IPEL
LED indication panel for eight extinguishing zones



B3-MMI-EAT64
LED indication panel for 64 detector zones



B5-MMI-FPA & B5-EPI-FPA
Fire brigade operating panel Austria



B5-MMI-FPS/N/F & B5-EPI-FPS/N
Fire brigade operating panel Sweden/Norway/Finland



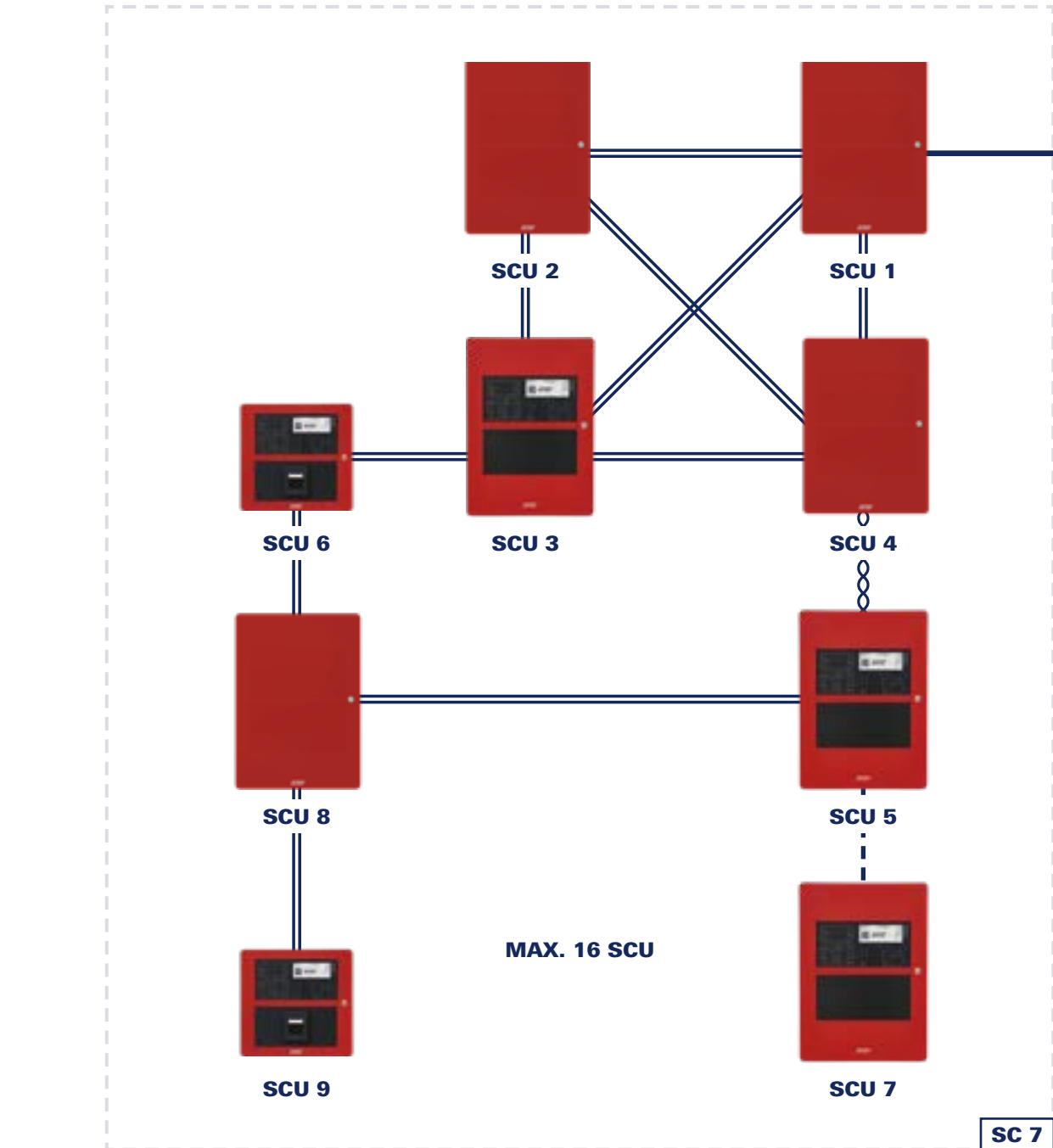
B5-MMI-IPS
Intervention Panel Sweden



B3-MMI-UIO
Universal Input/Output module

In the type designations of the devices, the letters MMI and EPI indicate to which bus the devices can be connected.

Integral LAN

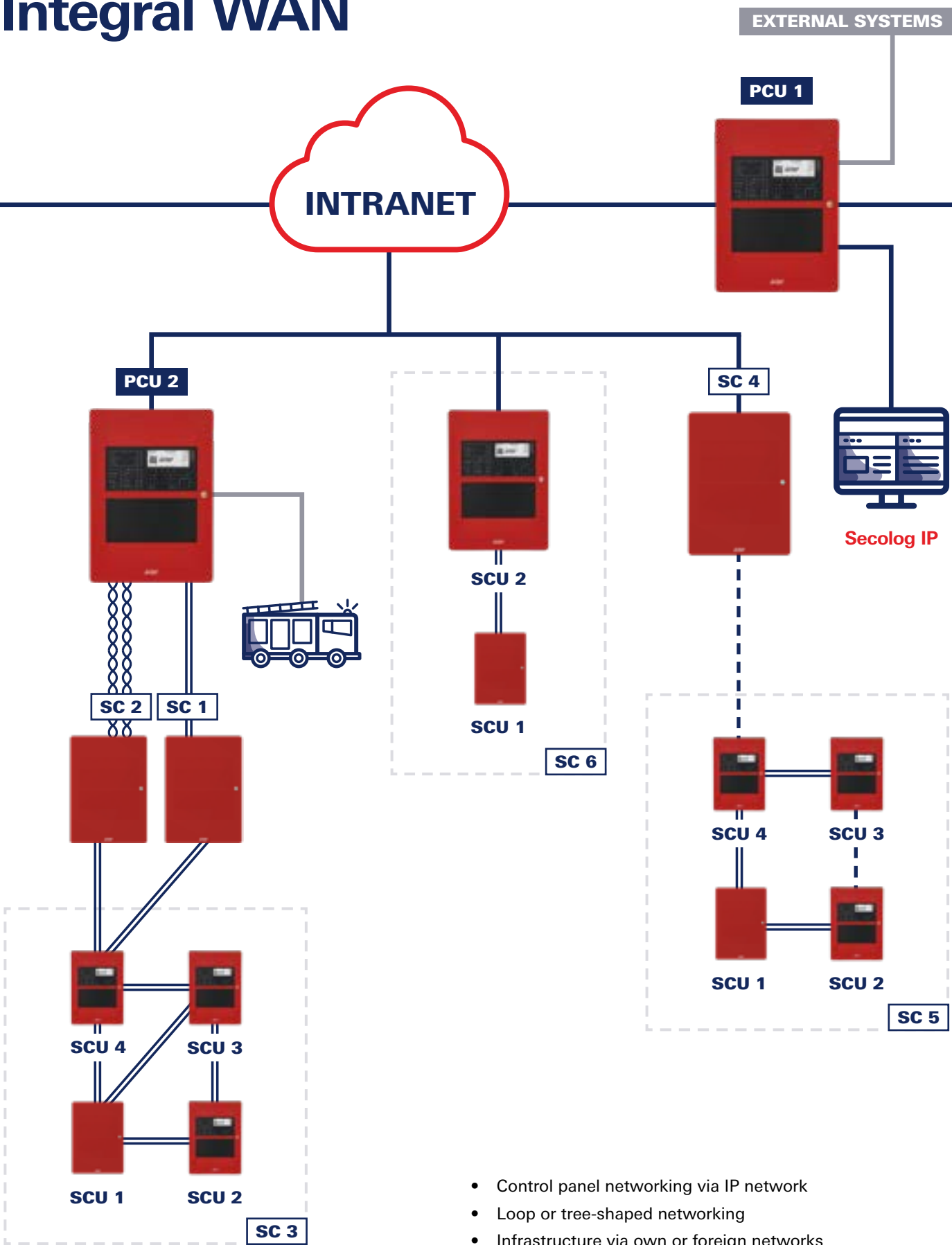


- HZ x** Primary control unit
- UZ x** Secondary control unit
- TZ x** Sub-control unit

- LAN connection
- - - TX Ethernet connection
- xxxxxx FXS/M optical fibre
- ===== High speed RS-485 redundant

- Stub, loop or mesh-shaped networking of up to 16 control units to form one logical control panel with joint programming.
- The control panel can be directly integrated into the IT infrastructure of a building.
- Up to four high speed RS-485, optical fibre or Ethernet connections per control unit.
- All information is equally available on all 16 centres.
- It is possible to link elements across sub-centres (2-detector dependency, outputs, etc.).
- Centralised downloads and software updates are possible from one location.

Integral WAN



- Control panel networking via IP network
- Loop or tree-shaped networking
- Infrastructure via own or foreign networks
- Logical hierarchy adjustable in the software

max. 32 primary control units (PCU)
max. 254 secondary control units (SC)
max. four ISP-IP interfaces per PCU

Digital applications



Secolog IP
Multi-user capable fire alarm operation control system according to ÖNORM F 3003. For convenient operation and digital logging and indication of fire alarm system events.



Integral Message
Multi-user capable central event logging (such as alarms, faults). Active event indication and management of one or more fire alarm control panels. Use the operating panel **Integral Desktop** to indicate the current status of the fire alarm system and to perform operations remotely.



Integral Application Center IAC
Service tool for programming and planning the entire Integral system family.



Service Platform
Permanent collection and analysis of data from the fire alarm system via the online platform. Enables the identification of effective measures and provides support in every phase of the system's life cycle.



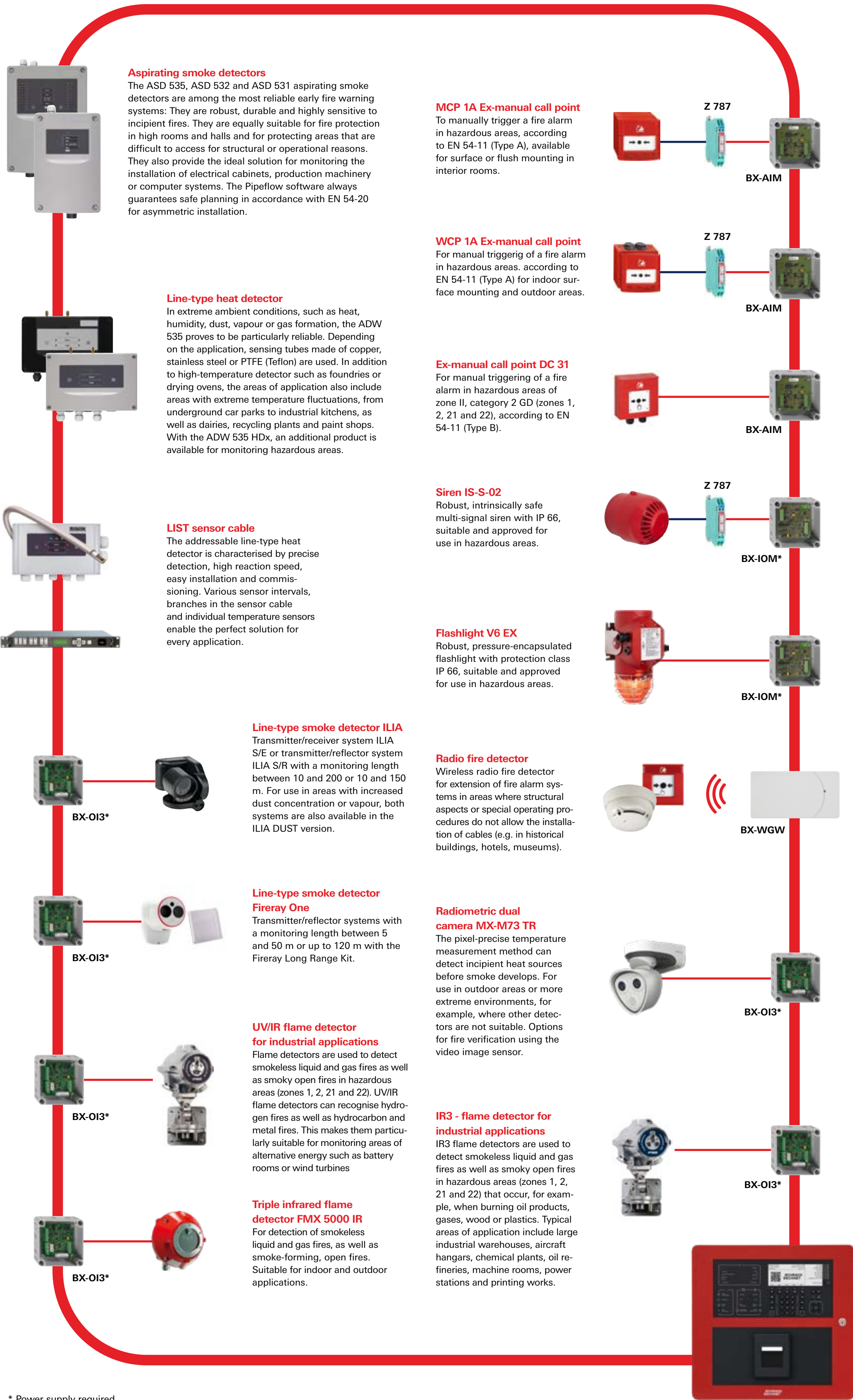
Integral Mail
Automatic e-mail from one or more fire alarm control panels when an event occurs.



Integral Mobile
Indication, operation and real-time notification from Integral EvoxX control panel via smartphone or tablet.

Special fire alarm systems

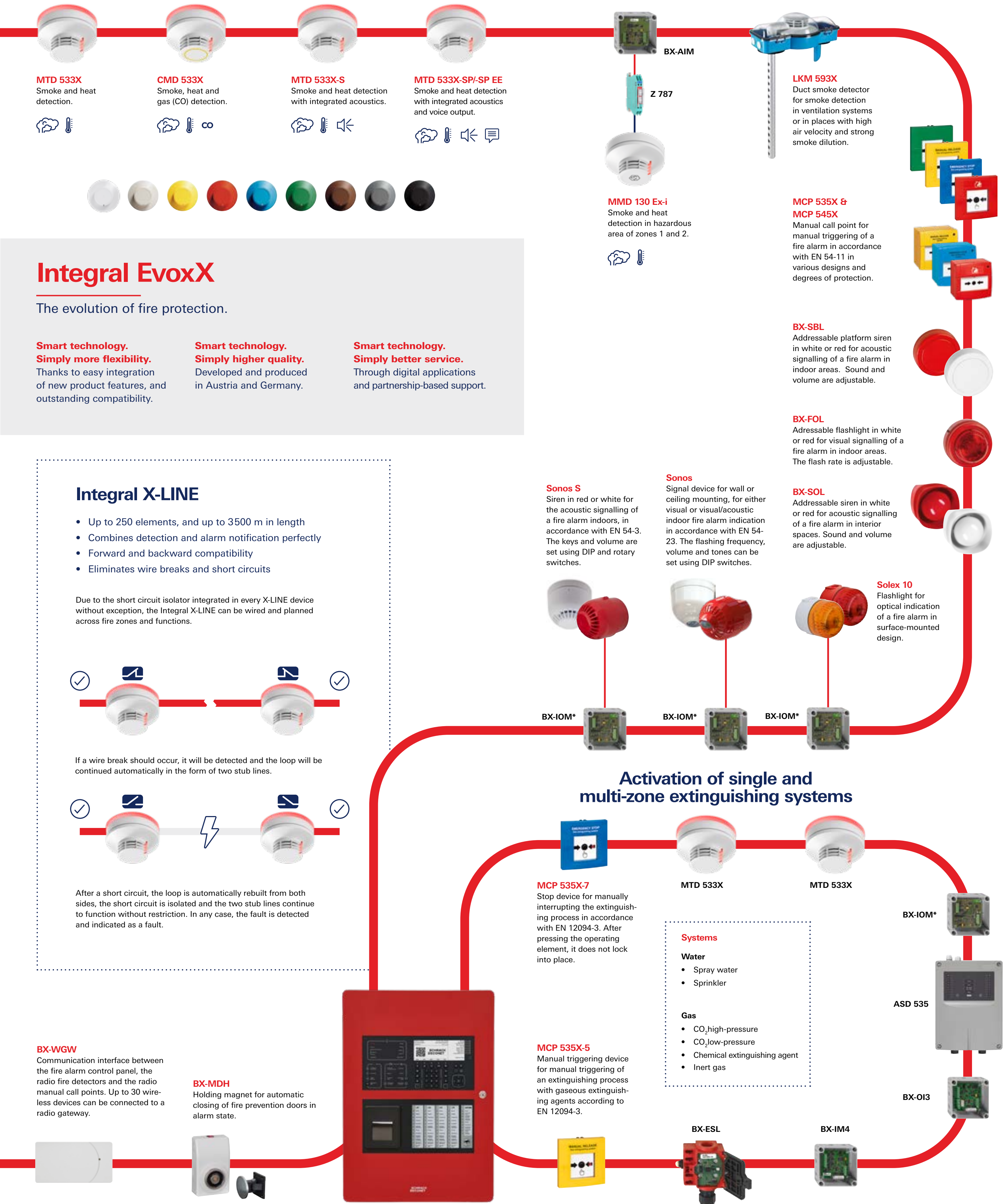
The wide range of special fire alarm technology products offers the right solution for every application. Intelligent input and output modules ensure optimal integration into the Integral X-LINE.



* Power supply required (external or internal)

Multi sensor detector with CUBUS levelling

Optionally with LED-ring detector base



* Power supply required (external or internal)



USB 502-1/6
Standard detector base with or without base contact



USB 502-20
Detector base with illuminated ring



USB 502-2
Detector base for suspended ceilings



USB 502-3
Detector base for wet rooms



USB 502-4
Detector base for concrete installation



USB 502-5
Detector base for intermediate floors



BX-UPI
Parallel indicator



TESTFIRE 2001
Detector testing device



STB 01X
X-LINE testing device



BE-PSE02
Power supply unit 24 V/1.6 A



BE-PSE03-P
Power supply unit 24 V/3 A



BE-PSU12-CF
Power supply unit 24 V/12 A