Modular Fire Panel 5000 Series
Just as flexible as your plans

BOSCH
Invented for life

2

Put your worries to rest
with the Modular Fire Panel 5000 Series

▶ Your needs define the system –
you pay only for what you require

▶ Designed for simple, intuitive operation

▶ Continuous self-monitoring and automatic
diagnostics

▶ Fully compliant with the EN54 standard

▶ State-of-the-art, reliable connections

Remote keypad
Use a remote keypad to access information from almost anywhere

Hot-swappable modules
With encapsulated housings for protection of electronic components

Outstanding flexibility, reliability, and user-friendliness
Flexibly configure your Modular Fire Panel 5000 Series to meet your needs – you can set up anything from a control panel with a single loop to a complex network. The system utilizes state-of-the-art network technologies – which are typical of large infrastructures – such as Ethernet and has also proven itself in complex system environments. Continuous self-monitoring and automatic diagnostics ensure reliable operation, e.g. in the event of soiled detectors etc.

The hot-swappable "click-and-go" modules and different panel housing versions are easy to install. Wiring the system is simpler than ever, thanks to intelligence guidance. Indicators and buttons are located right on the modules for easy use. You conveniently upload configuration updates to the panel from a laptop. The ergonomically redesigned, intuitive user interface features a large, bright color touch-screen display. Self-explanatory functions facilitate operation.

The Modular Fire Panel 5000 Series conforms to current standards including the latest updated versions of EN54-2 and EN54-4.

5.7" color LCD touch-screen display
An intuitive user interface that provides an instant status overview; includes an easy-to-use numeric keypad for quick and convenient operation and maintenance

Voice Alarm Systems
Optional serial interface to voice alarm systems from Bosch

Building Management Systems
OPC/Ethernet connection for advanced control functions

Modular Fire Panel 5000 Series:
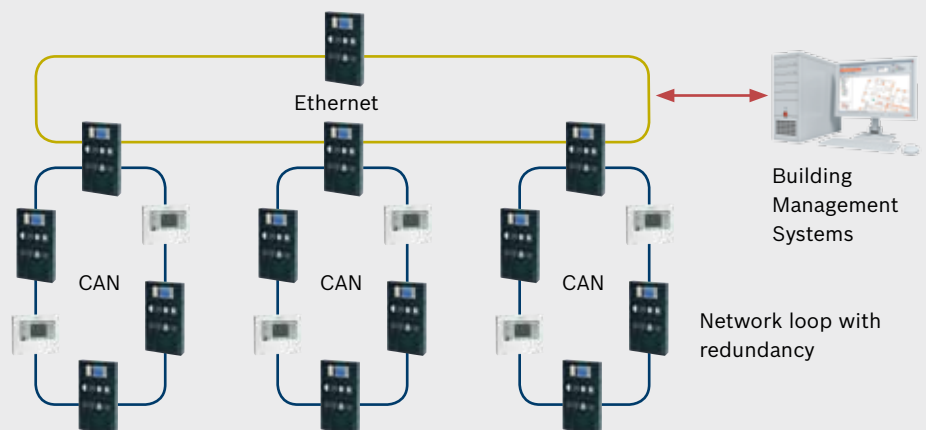## One system for all applications

Bosch offers you simplicity, economy, and scalability in a customizable system that meets all of your fire safety needs. The range of available modules delivers unbeatable flexibility for implementing your application.
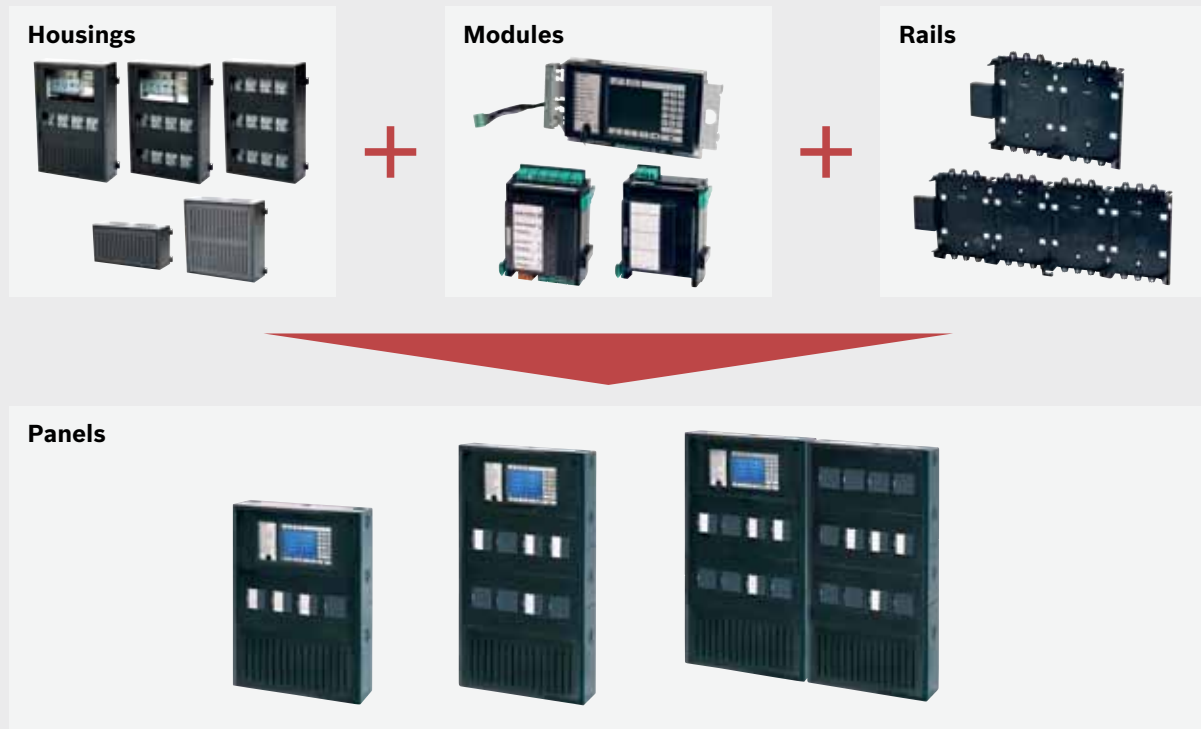
With a Bosch fire panel system, your equipment retains its value because all new Bosch systems include interfaces to legacy systems. This safeguards your previous investments as the technologies continue to evolve. The result is a tailored system that you can cost-effectively extend as your needs grow. You only buy the components that you really need!

The 5000 Series is ideal for applications ranging from small to large in size, including shopping centers, hotels, office buildings, manufacturing facilities, airports, etc. By adding compatible peripherals and integrating these panels into larger networks, you can build and configure virtually any type of intelligent fire system you require. It's just just as flexible as your plans!

Multiple CAN loops with high-performance Ethernet fiber-optic connections permit more and very widely spaced panels for implementing complex solutions at airports etc.

Ethernet

CAN

CAN

CAN

Building Management Systems

Network loop with redundancy

Housings

+

Modules

+

Rails

Panels

Modular and expandable for unbeatable flexibility

Planning software for fire alarm systems

This software lets you design your fire alarm systems in detail, including assignment of peripherals to different loops. A complete plausibility check ensures that every project detail has been considered. The easy-to-use program also generates a parts list of the system as well as price estimates.

Five good reasons to choose the Modular Fire Panel 5000 Series:

▶ You get exactly what you need – no more and no less.
▶ It grows with your requirements.
▶ Modular construction for unbeatable flexibility
▶ State-of-the-art technology that safeguards previous and future investments
▶ Reduced costs due to fast installation and easy maintenance
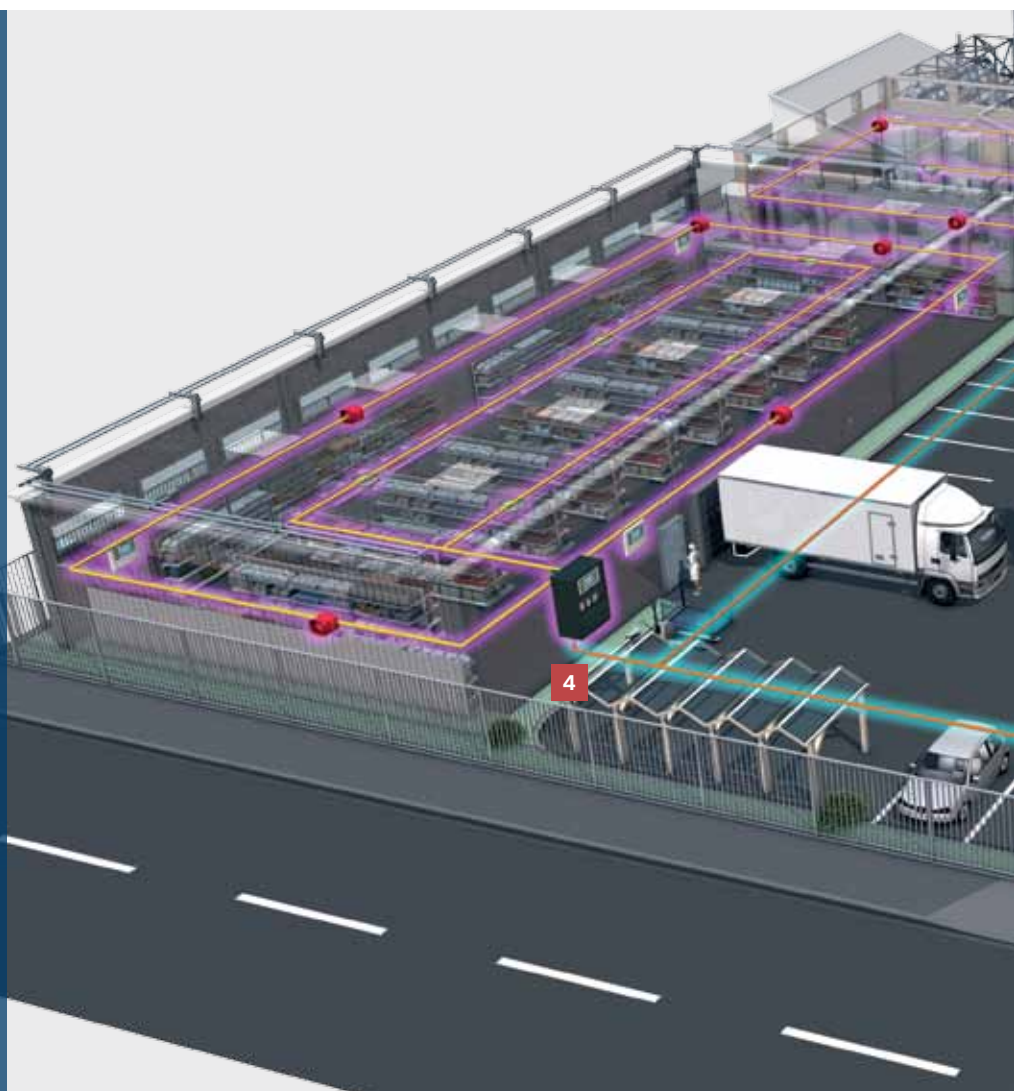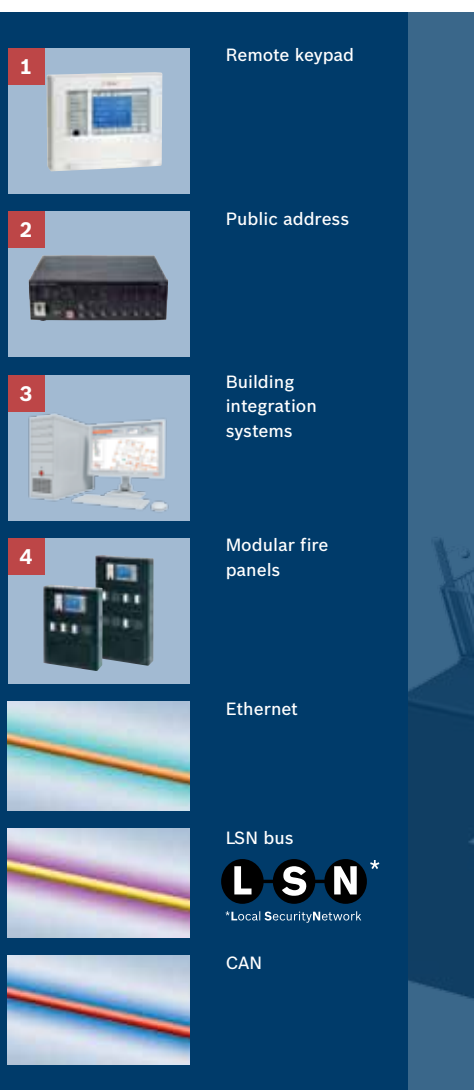
From planners, for planners
Planning software that supports architects, planners, and consultants in developing all types of fire alarm projects

Simple expansion by networking:
CAN bus, fiber optics, and Ethernet technology

The Modular Fire Panel 5000 Series allows you to take advantage of future-oriented CAN bus and Ethernet technology to flexibly, securely, and efficiently connect remote keypads and network control panels.

CAN interfaces for panel networking are already integrated in the panel controller, and you can flexibly implement different topologies to meet your requirements. Peer-to-peer loops ensure reliable functioning even if errors occur.

Data communication via Ethernet is already becoming standard in today's buildings. And fiber-optic Ethernet connections let you join the trend. This technology allows you to space panels far apart to implement complex solutions for airports, industrial facilities, etc. The combination of CAN and Ethernet permits the use of more flexible network topologies with greater numbers of panels.

1 Remote keypad

2 Public address

3 Building integration systems

4 Modular fire panels

Ethernet

LSN bus

L S N *
*Local SecurityNetwork

CAN

Voice alarm systems to alert building occupants; monitoring of all security, safety, and building management systems

Multiple interfacing possibilities

The Modular Fire Panel 5000 Series can be equipped with multiple interfaces for an extended range of applications:

▶ Interfaces to voice evacuation and fire monitoring system from Bosch
▶ Ethernet/OPC for integration in building management systems including third party systems

This vastly extends the range of possible applications and adds value to the overall system.

A Tradition of Quality and Innovation
For over 125 years, the Bosch name stands for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.