



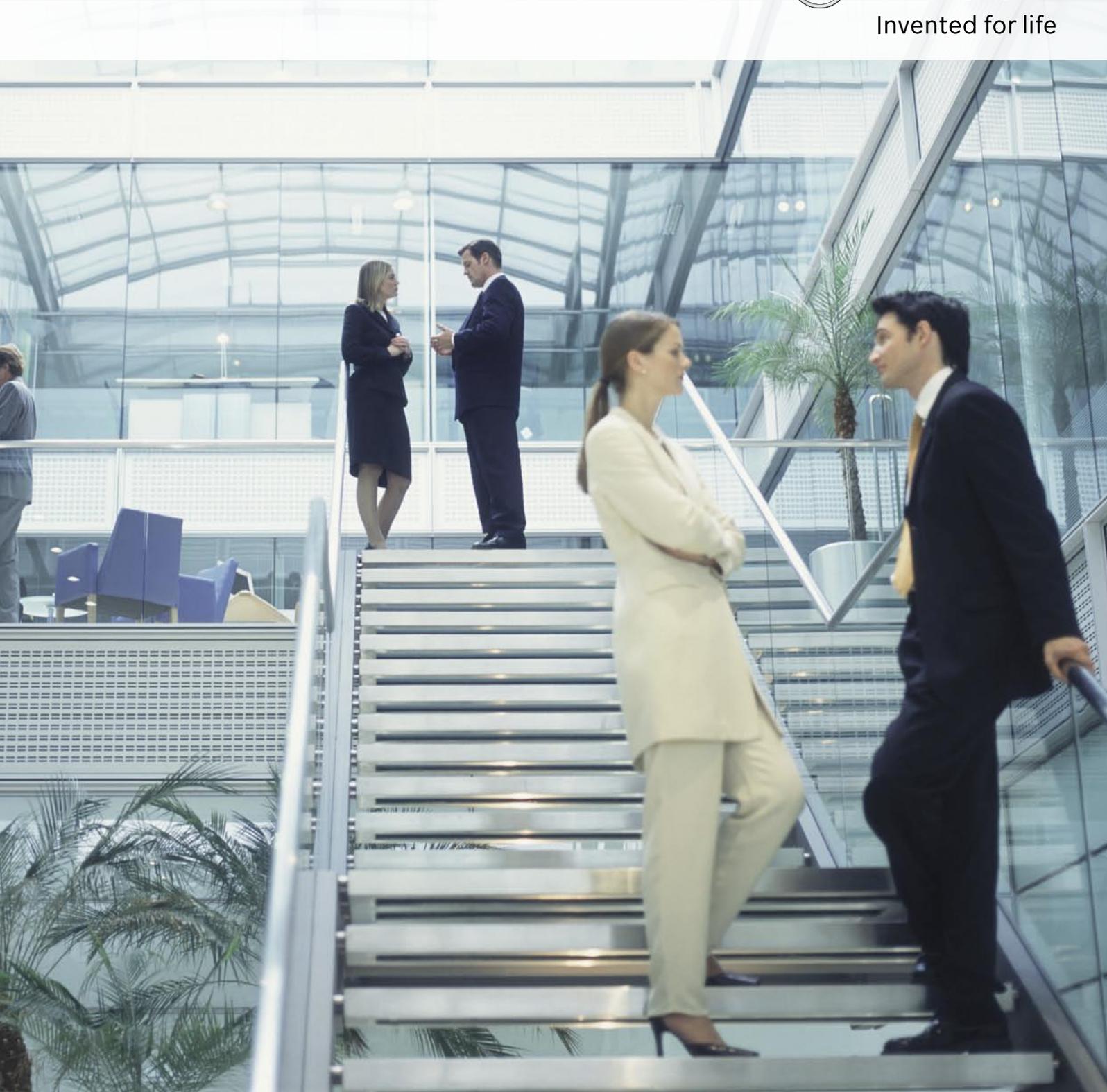
# Universal Intrusion and Fire Alarm Panel 2000 Series LSN

All in one. One for all.

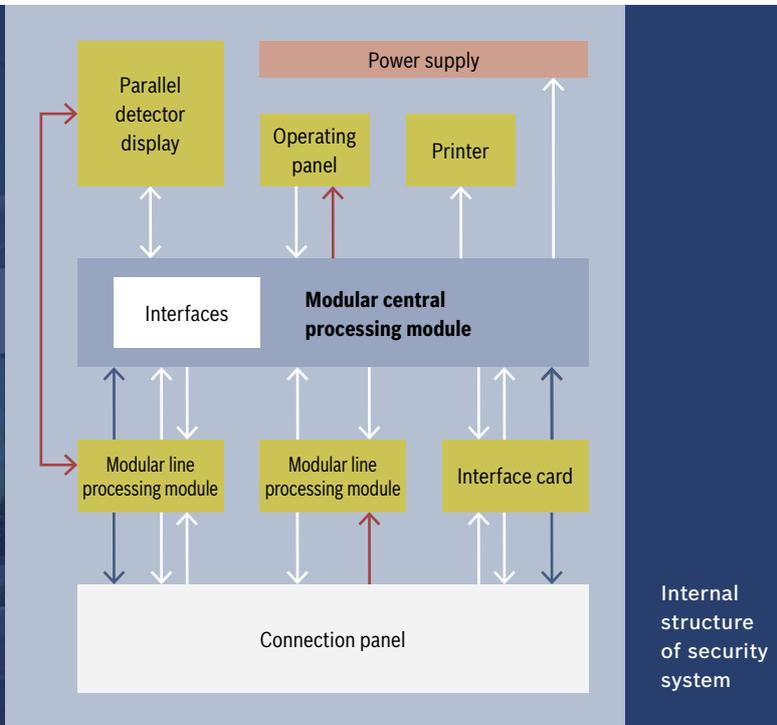


**BOSCH**

Invented for life



# Universal Intrusion and Fire Alarm Panel 2000 Series LSN. High-level security



Security systems were previously put together using many individual components. The Universal Intrusion and Fire Alarm Panel 2000 Series LSN now integrates all necessary security components into a single system. A central location controls the functions and measures for fire and intruder surveillance.

### The 2000 Series LSN security system: more secure, more flexible, more economical

The 2000 Series LSN ensures optimum security using LSN technology from Bosch. The Panel combines high flexibility with a compact construction. The integration into the Local SecurityNetwork LSN offers high-level security. You can individually identify and deactivate

each detector. Moreover, the panel uses uniform transmission technology for fires, holdups, emergency calls, perimetric surveillance alarms, guard patrol alarms, malfunction and technical alarms, displays and control elements.

### 2000 Series LSN: maximum security in one unit

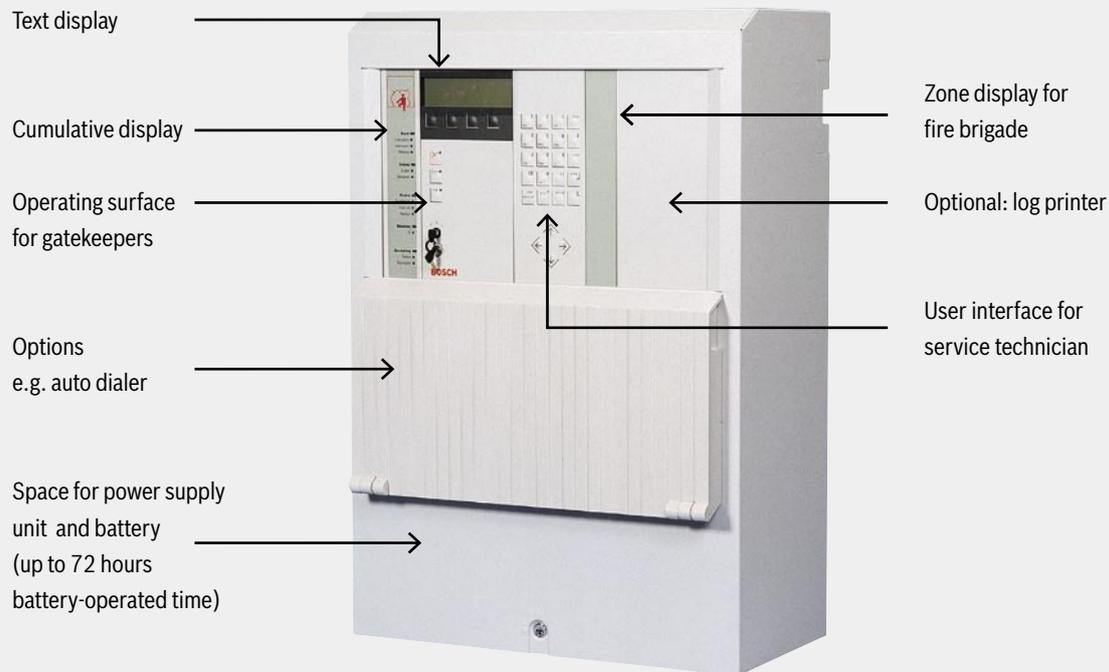
The user and the control unit communicate via the graphical display using text in the chosen local language. Eight lines of 42 characters are provided for this purpose. A user interface for the controller, fire brigade, detector zone displays, a log printer and a user interface for maintenance personnel can all be integrated into the compact unit. There is also space for larger fire brigade plans.

The 2000 Series LSN panel shows every alarm as text on the display

FIRE EXT Z00001-01  
 FIRE EXT Z00001-01  
 building 2, 3rd floor



# A secure basis for the future



## Primary line routing: multi-level security

In the Local SecurityNetwork, the two-wire primary lines are routed in loop form, interfacing all fire sections. All LSN elements within this loop can be individually addressed. In the event of a malfunction, all LSN elements are still monitored, with the exception of the faulty one. Two tee-offs are formed automatically in the LSN which monitors both sides as far as the faulty component.

## DC circuit technology: fits in perfectly

Using fire couplers you can also easily integrate conventional DC circuit elements into the system.

## Safety in the event of fire: fire brigade control panel and key box

If the intrusion and fire alarm panel 2000 series LSN is used in conjunction with an alarm transmission system linked to the fire brigade, connection of a fire brigade control panel is generally recommended. A key deposit can also be connected to the control unit. This allows the fire crew to gain rapid access to the source of the fire, without the need for a controller or other persons.

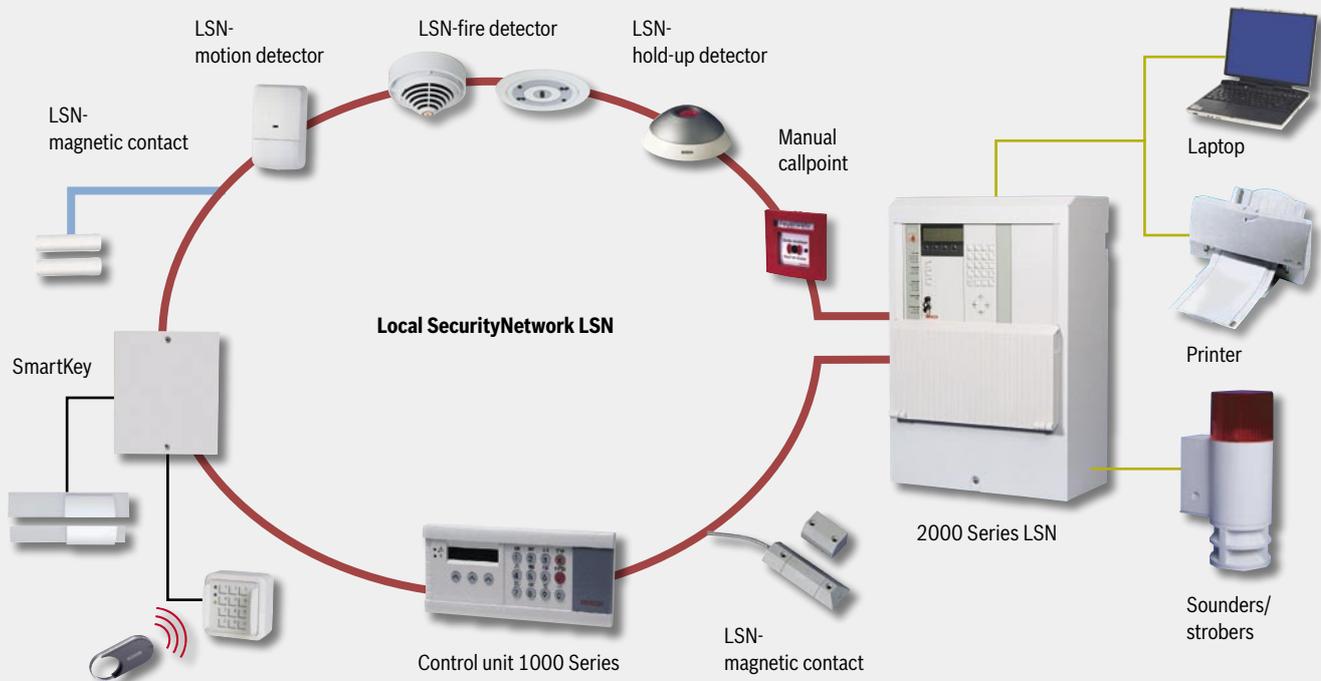
## Status monitoring: security under control

With 2000 Series LSN panel, you always know what is going on. This is because contact couplers also provide you with information which is not linked to the alarm event, such as the status reports of contacts: Are windows, smoke hatches and doors open or closed? The control panel allows you to identify each contact and regulate the necessary status according to your wishes.

## Parallel displays: security with a clear view

With 2000 Series LSN at the heart of the Local SecurityNetwork, fires can be located quickly and accurately since individual detectors can be identified with ease. Indicator board couplers and/or display panel couplers are integrated into the network to allow parallel display of automatic detectors. Location plan and display panels with individual detector and/or detector zone displays can be situated at the desired point.

# Integration of different detectors into the **Local SecurityNetwork LSN**



## **Extinguisher system linkups: minimum distance, maximum effect**

If a fire is detected, the extinguisher system is controlled by a control coupler. Up to four extinguishing zones can be controlled via couplers. This cuts down on cable lengths and enhances reaction certainty. If a processing component should fail, the built-in redundancy ensures that the extinguisher system continues working as it should.

## **Access control: no getting around it**

Alarms from access control systems can be transferred via an interface for further processing and evaluation in the alarm unit. This enables automatic detection of unauthorized access attempts, as well as status displays for doors and card readers. It is also possible to suppress arming of the alarm unit, provided authorized persons remain within the object or parts of it.

## **Video surveillance: clearly more security**

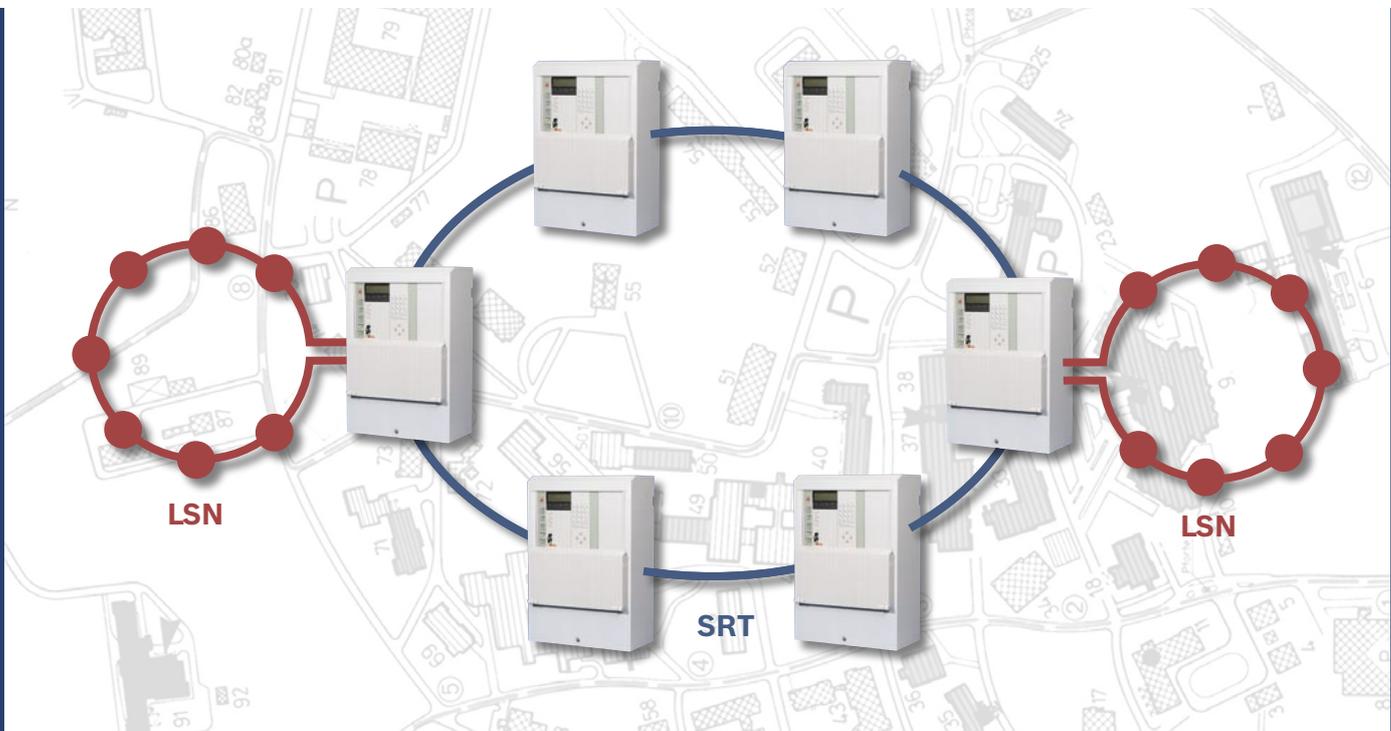
Visual alarm verification is supported via a linkup to a video monitoring system. The alarm unit transmits the sensor trigger to the video system, which then links the designated camera from this area to a surveillance monitor. This enables the location to be pinpointed with greater accuracy and allows resources to be used more effectively.

## **The Building Integration System: easier and more reliable analysis**

With security alarms and security systems becoming more and more complex, you need an alarm management system which makes alarm analysis easier and more reliable. This is exactly what the multi-functional Building Management System (BIS) from Bosch does. Using standard PCs and special Bosch user software, BIS allows you to control security systems for fire, intrusion alarms or a combination of the two from a single user interface.

## The system ring technology SRT

enables high flexibility in case of changes in functionality and extensions



With SRT system ring technology you can, according to your individual needs, arrange up to six control units in a centralized or decentralized configuration.

The individual control units can be interfaced either via opto-coupler, modem or fiber optic cable. Therefore, they can be adapted to the security needs of various businesses and various buildings.

High operational security means that even in case of line malfunctions such as short circuit or interruption, functionality will remain.

Furthermore, SRT system ring technology stands for high flexibility in case of changes in functionality and extensions. Concretely speaking: less costs, more security. By using a uniform control unit technology, the information of the complete system network is available at each control unit. Furthermore, complete and simultaneous operation on all control units is possible and permissible.

Security management with the Universal Intrusion and Fire Alarm Panel 2000 Series LSN corresponds to the European security regulations such as EN 54 and EN 50131.

## **Tradition of quality and innovation**

For over 100 years, the Bosch name has stood for quality and reliability. Bosch Security Systems proudly offers a wide range of fire, intrusion, social alarm, CCTV, management and communication systems and components to help you find the solution for any application. We are the global supplier of choice for innovative technology backed by the highest level of service and support. When you need solutions you can rely on, choose Bosch.



### **Bosch Security Systems**

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