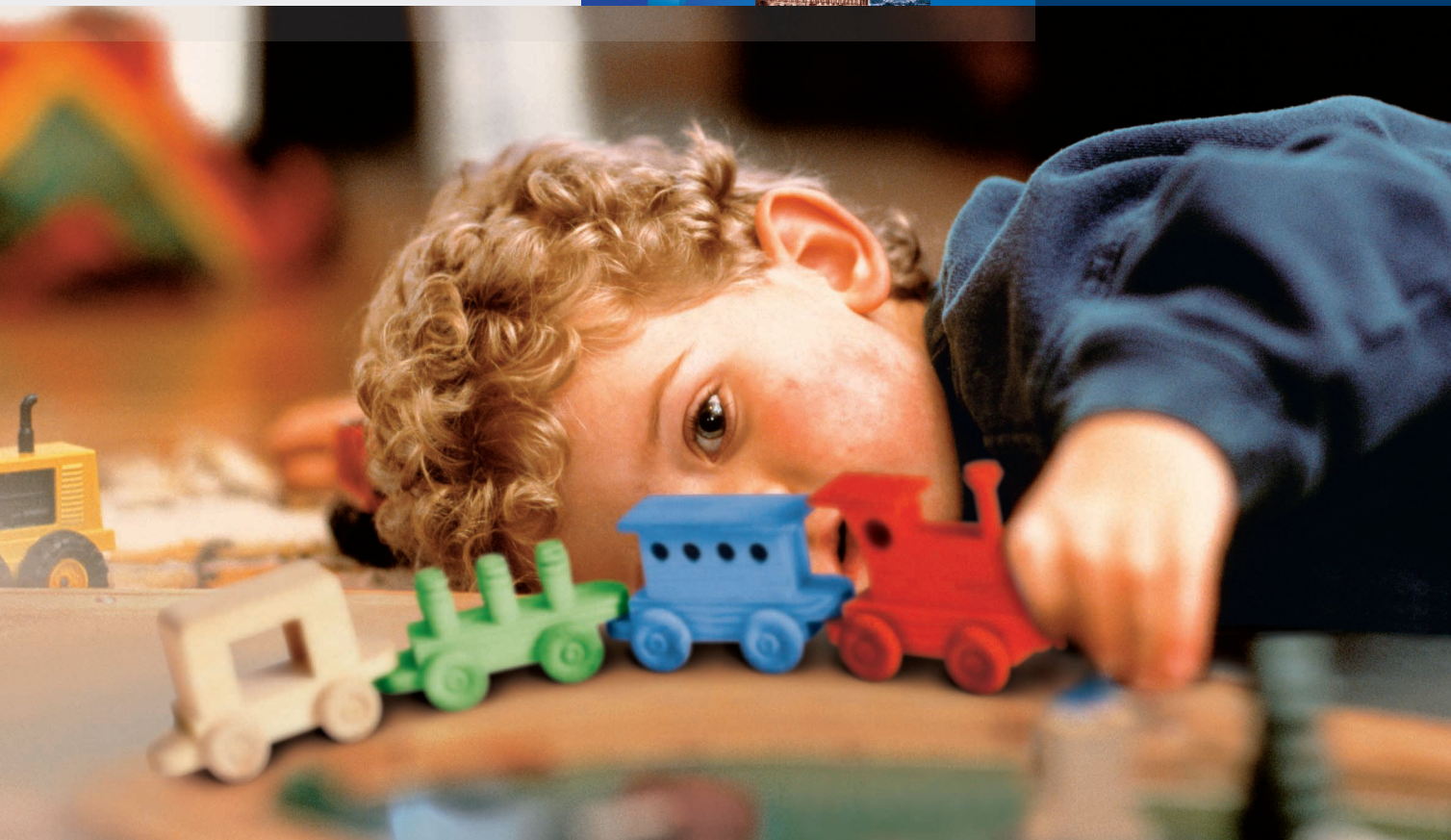# Local SecurityNetwork LSN:
# high standard in
# security technology.

**Security Systems**

**L·S·N**[*] With LSN, Bosch offers a high standard in security technology to meet your needs. Incredibly flexible, LSN can be applied to a wide variety of detectors, LSN combines fire and intrusion alarm systems and is complemented by a vast range of peripheral equipment. Security with LSN is simply more reliable and more cost-effective.

*\* registered trade mark of Robert Bosch GmbH, Stuttgart*

**Security you can rely on.**

**BOSCH**

# Local SecurityNetwork.

The Local SecurityNetwork LSN offers you the foundation for a security concept which provides investment security and will serve you well in the future.

Bosch security systems lie at the heart of the LSN. They cover a wide variety of detectors and also permit combinations of fire and intrusion alarm systems.

Conventional detectors, indicator panels or fixed extinguisher systems can be connected to the systems using coupling interfaces elements. Equipment for monitored control and feedback such as smoke hatches, automatic door controls and sounders/strobes can also be incorporated into the system.

**Flexible network topology.**
With LSN you can set up your network exactly as you need it in loop form, tee offs, or a combination of the two. This is made possible by a bidirectional digital transmission



▲ Security technology in the Reichstag in Berlin and for the entire Bundestag

Existing components can be incorporated into LSN, as well as existing peripheral equipment from other manufacturers.

The LSN offers you the latest generation of detectors with active self-monitoring features. A wide range of fire and intrusion detectors can be integrated into the Local SecurityNetwork LSN.

procedure which allows constant data dialog between the sensor and the control panel.

A single double-wire primary line transfers information from the control panel to the LSN elements and back while supplying power to the detectors.
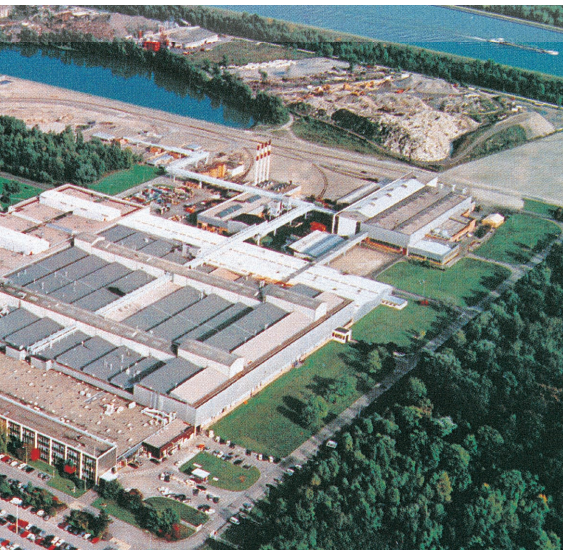
LSN fire detection ▶ technology

Each individual sensor is initialized, controlled and identified from the control panel. If necessary, the sensor can also be disconnected from the LSN. All status changes at the sensor can be identified from the control panel.

Uniform transmission technology is used throughout the network, which means that it is suitable for any type detector. For you this means low-cost installation of the cable network, fast start-up and simple maintenance of the LSN elements.

**High security, low outlay.**
LSN offers cost-effective security:
· Minimal assembly required
· Expanding the network does not require expensive cabling adjustments
· The cost of calling the police, fire brigade and security companies is reduced by precise and clear alarm and fault reports
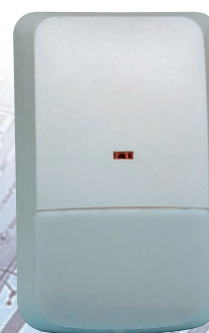· Faulty detectors can be precisely located and easily replaced





▲ The production facilities of General Motors in Strasbourg, France provide fire detection with LSN

**Dependable performance.**
You can rely on the LSN because it offers high security, even in the event of malfunction. The loop structure of the network ensures that the system will continue to operate even if a short circuit or line break occurs or a detector fails. Even the detector identification function is maintained in the event of a loop break. False alarms are largely eliminated thanks to the programmable dual-detector feature within the system.

▲ Security has top priority at Frankfurt airport which is why they chose LSN



◄ LSN magnetic contacts are valuable part of LSN

◄ DS 935 LSN passive infrared detector monitors premises against unauthorized entry

**The full security range.**
Whether it is a project costing millions or a single-family home, everyone wants to provide the best security possible for their property. Bosch will help by providing the right products and systems for your individual security – no matter how complex your needs.

Our product range encompasses fire, intrusion, holdup, cctv, time control and access control.

With Bosch, you can easily find the security products and services you've been looking for!

**BOSCH**

**Security you can rely on.**