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Premium fire protection for a luxury-class hotel.
"Kempinski Hotel The Dome" in Turkey
installs a complete fire alarm system from Bosch.



BOSCH
Invented for life

**Comprehensive,
state-of-the-art
fire detection system
from Bosch with
Local SecurityNetwork
(LSN) technology for
advanced protection.**



Opened in 2005, the five-star "Kempinski Hotel The Dome" in Belek is located right on the Mediterranean coast near the ancient harbor city of Antalya, in a beautiful area also known as the Turkish Riviera. The hotel features beautifully designed and decorated guest accommodations, generous common areas and lavish health and wellness facilities, all coupled with exclusive five-star service. There are also elegant, exclusive settings for conferences, incentives, presentations and private functions.



Flush-mounted smoke detectors of the 500 Series are installed in the hotel's Royal Suite, the general manager's office and the automation control room. They ensure unobtrusive protection and meet safety requirements while blending smoothly into the decor.

The fully automatic smoke detectors of the 500 Series from Bosch are based on a unique concept. Developed specifically for use in buildings with a high architectural standard such as galleries, museums and hotels, it features an ultra-slim design and is flush-mounted so that only its smooth, sealed faceplate is visible from below. The faceplate can be color-matched to the ceiling using insertable rings, making the detector practically invisible.

The challenge

First-class, comprehensive fire protection was naturally important. It was crucial to ensure the safety of its guests, besides protecting the hotel itself. This called for a dependable fire alarm system. At the same time, the fire detectors should not disturb its esthetics. They needed to blend in perfectly while preventing all hazards.

The answer

The management of the hotel, which belongs to the worldwide Kempinski chain, opted for a Bosch fire detection system. It was installed while the hotel was being built and comprises detectors of Bosch's proven 400 and 500 Series plus type 2000 universal fire panels of the LSN (Local SecurityNetwork) Series, along with associated interfaces, signaling devices and control equipment.



500 Series smoke detectors feature an ultra-slim design and are flush-mounted.

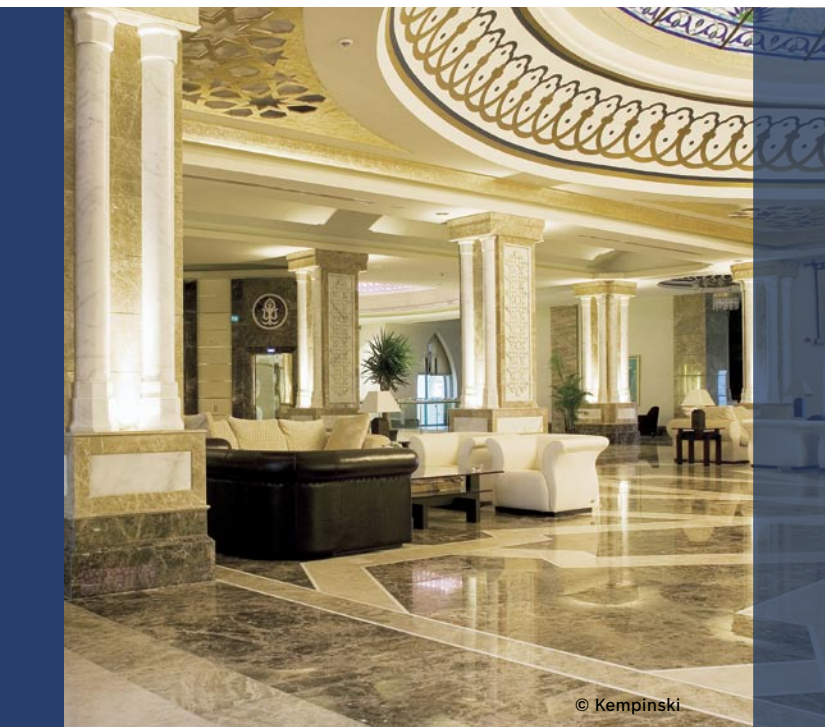
1092 detectors installed – advanced multisensor technology

The hotel has installed 400 Series smoke and heat detectors in its 157 guest rooms, public areas and 18 private villas to complement their high standard of quality and service. A total of 1092 detectors make guest and staff feel safe and at ease.

Bosch fire detectors use the most advanced multisensor technology available – with leading-edge algorithms for different environmental conditions and integrated alarm pattern comparison. This achieves the highest level of intelligent fire detection and the lowest incidence of false alarms.

Panels for outstanding reliability

The detectors are connected via Bosch's Local SecurityNetwork (LSN) to three compact 2000 Series LSN fire panels in the automation control room. They are configured in a System Ring Technology (SRT) network to ensure highly reliable, malfunction-tolerant operation 24/7. The 96 LEDs on each panel indicate faults and/or alarms from the hotel's 14 detector zones. A 1000 Series remote control panel is installed in the reception area to let front desk staff easily monitor the fire alarm system. The panels also indicate the status of the water extinguishing system, including butterfly valves, flow switches, wet alarm valves and pumps. There are also zone-specific sounders and loudspeakers for use in the event of an alarm.



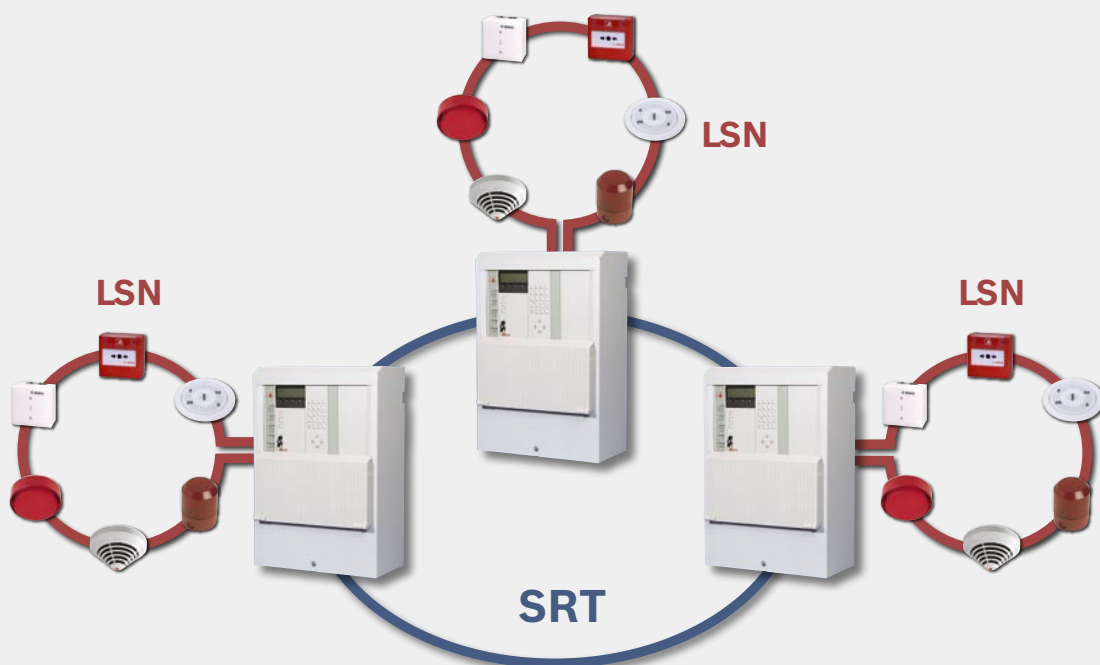
The Local SecurityNetwork (LSN): Flexible fire detection technology to rely on.

The Local SecurityNetwork (LSN) from Bosch delivers cutting-edge, cost-effective security technology to reliably meet present and future needs. The flexibly configurable LSN unifies fire and intrusion alarm systems. It supports a wide variety of detectors and is rounded out by an extensive range of peripheral equipment including fire, intrusion and malfunction detectors, operator units and arming devices from various manufacturers.

The LSN allows extensive security, also in the event of malfunctions. The network's loop structure ensures that the system will continue to operate properly, even if a short circuit or detector failure occurs.

World-class protection – setting the pace

The fire detection system in the "Kempinski Hotel The Dome" in Belek is an excellent example of a modern, comprehensive and efficient fire surveillance and control installation. Guests and staff can feel safe in this environment, protected from fire hazards by a luxury solution that a luxury hotel like this one deserves. The system was installed by Bosch's Turkish distributor for fire systems, Saglam Yangin Güvenlik Ltd. Bosch has supplied similar fire detection and alarm systems to hotels belonging to other major chains throughout the world.



The System Ring Technology (SRT) network ensures high reliability.

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, 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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