

Bosch solutions for Serdika Shopping Center in Bulgaria



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Industry:

Retail, Shopping Malls

End User:

Serdika Shopping Center

Serdika Center in Sofia became one of the largest shopping centers in Bulgaria when it opened in March 2010. Besides 51,000 square meters of retail space on three levels, the Serdika Centre also includes an eight-storey office complex with 30,000 square meters of office space as well as 1,600 parking spaces.

Business Objective:

Serdika required an integrated safety and security technology that reliably provided the best maximum level of protection for employees, customers and property. Therefore Bosch provided an integrated system of fire alarms, evacuation and intrusion applications.

Solution:

Bosch Security Systems has supplied all security technology for the Serdika Center. The systems were installed by local partner companies. In the shopping center, two modular fire panels from Bosch's 5000 Series receive signals from around 2,400 fire detectors; another panel and over 1,500 detectors are installed in the office complex. The redundantly designed panels not only monitor areas accessible to the public, but also critical areas like substations and ventilation shafts via special detectors. In addition, the panels control smoke extraction and fire extinguishing systems in the entire building as well as escalators and lifts in the event of fire alarm.

The public address and evacuation system Praesideo, with a total of 39 digital audio channels, is closely connected to the fire detection system. 2,200 loudspeakers in the shopping center and 1,400 in the office building issue announcements and evacuation instructions. Microphones, loudspeakers and the corresponding lines ensure faultless operation at all times.

Bosch and its partners also implemented a video monitoring system, an intrusion detection system and an access control system in the office building. The video monitoring system works with over 100 cameras and a total of 14 monitors for service personnel. It covers the entire premise, including the shopping centre and office building, the parking lot and ticket machines.



Serdika Shopping Center

Result:

The combination of the products and services of Bosch were the perfect solution for Serdika. "When planning this project, the security concept played a key role from the very start", explains Vassil Jilkov, Technical manager of Serdika Center Sofia. "We set great store by reliable and integrated systems and thus decided to obtain all security technology from one source at an early stage. With Bosch and its local partners, we covered the entire range of security technology both in terms of products and expertise and can be certain that the systems will work together smoothly in an emergency. High level on safety is a standard for all ECE Shopping Centers." In order to document this security, project developer ECE had all fire protection and evacuation technology certified by Dekra.

Bosch Security Systems

bul. Cherni vrah 51-B, FPI Business Center

1407 Sofia, Bulgaria

+359 2 9601076

<http://www.boschsecurity.bg>