

Baumax Store Pleven



BOSCH

Invented for life

Industry:

Retail

End User:

Baumax store

Baumax is an international family business which started doing business in Austria more than 30 years ago. It's a leading company in DIY markets in 9 countries: Austria, Czech Republic, Slovakia, Hungary, Slovenia, Croatia, Romania, Bulgaria and Turkey. At the moment Baumax runs 152 stores, and has 10 700 employees in Europe. Annual sales revenues totaled EUR 1.5 billion in 2010.

Business Objective:

The store in Pleven is the 152nd from the Baumax chain. It has 12 000 sq. m. retail area and drive in-center with 4000 sq.m area. The major objective was to install a fire alarm system, that meets the high safety requirements in the store and an intrusion system with increased security against false alarms.

The intrusion system had to provide reliable protection against intruders and also high security against burglary during the non-working days of the store. Furthermore the fire alarm system has to control and automatically activate the installed fire extinguishing system.

Solution:

The client required a fire alarm system which provides fast and most reliable detection of fire accidents in the store. Additionally the possibility of false alarm followed by unwanted evacuation of people had to be kept at minimum level. These requirements were successfully met by an addressable fire alarm system based on FPA 1200 and intelligent detectors FAP 420 - with integrated algorithms for reliable detection of fire. The complex logical relations on the control of gas extinguishing system were made by:

- Yellow and blue manual call points FMC 420 series;
- Multisensor detectors FAP-OT-420;
- Interface modules FLM 420 series;
- Flexible software for programming of fire alarm panels;

The intrusion system provided reliable protection against intruders and burglary. It provided also functions like Stay/Away of security for separate parts of the store. The client's requirements for intuitive operation with the intrusion system were completely covered by the modern graphical user interface of MAP 5000 system with 5 control centers in different parts of the store.



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A cost-effective solution was reached by uncompromising system reliability, with the interface modules EMIL 120 series and conventional PIR detectors from the professional series.

Result:

By installing fire alarm system from BOSCH and controlling the extinguishing system with it, the strict requirements of the client and all fire safety norms were met. The intrusion system provided reliable protection against intruders, high security against burglary and met all the client's requirements.

By using advanced technologies in fire detection and intrusion systems from BOSCH a cost-effective solution that guarantees reliable protection of human life and property was reached.

Installed by:

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