Retail stores

GEUTEBRÜCK video security systems in retail stores, and in particular in discount markets, serve not only to monitor the salesroom in general, but fulfill a thought-out, practical security concept.

The main tasks of the video security system are prevention of theft and fraud, securing evidence of criminal offenses, alerting the personnel regarding irregularities in certain sales areas as well as robbery and burglary prevention and inspection of the delivery and storage of goods.

In the entire market megapixel cameras are distributed so that all areas can be observed completely. Aside from the cameras at the entrances ane exits of the market, all signals of the cameras are recorded permanently and archived for several days.

The cameras at the entrances and exits (also emergency exits) are recorded event-controlled by the GSC/VMD video motion detection of the digital picture. The video motion detectors are configured so that a person who walks in the wrong direction, e.g. to exit the market via the entrance, triggers an alarm immediately.

The event-controlled recording of these areas also makes it possible to quickly inspect the movement of a suspicious person across all cameras, to determine which objects the person brought into the market and how the person has behaved while in the market before reaching the cash register.

The incoming goods in the storage is also recorded event-controlled, to be able to check later if there were any irregularities.

The operating and viewer interface and of the analysis and observation station offers an integrated Motion Search function (MOS), that searches for movement in selected area of the recorded pictures during playback and displays these in order. In such a way it is quite simple to check which goods were removed from certain shelves, by whom, and what happened with the goods then.

After the shop closes, the video security system switches to the night mode – the night lighting is switched on. The video motion detectors of the cameras, which observe possible entrances, are activated. Once a movement, caused by a break-in, is detected, the system automatically alerts the responsible external security service and transmits the alarm pictures. Simultaneously, video recording of all cameras is archived in one special ring buffer (break-in). The main lighting is automatically switched on by the alarm.
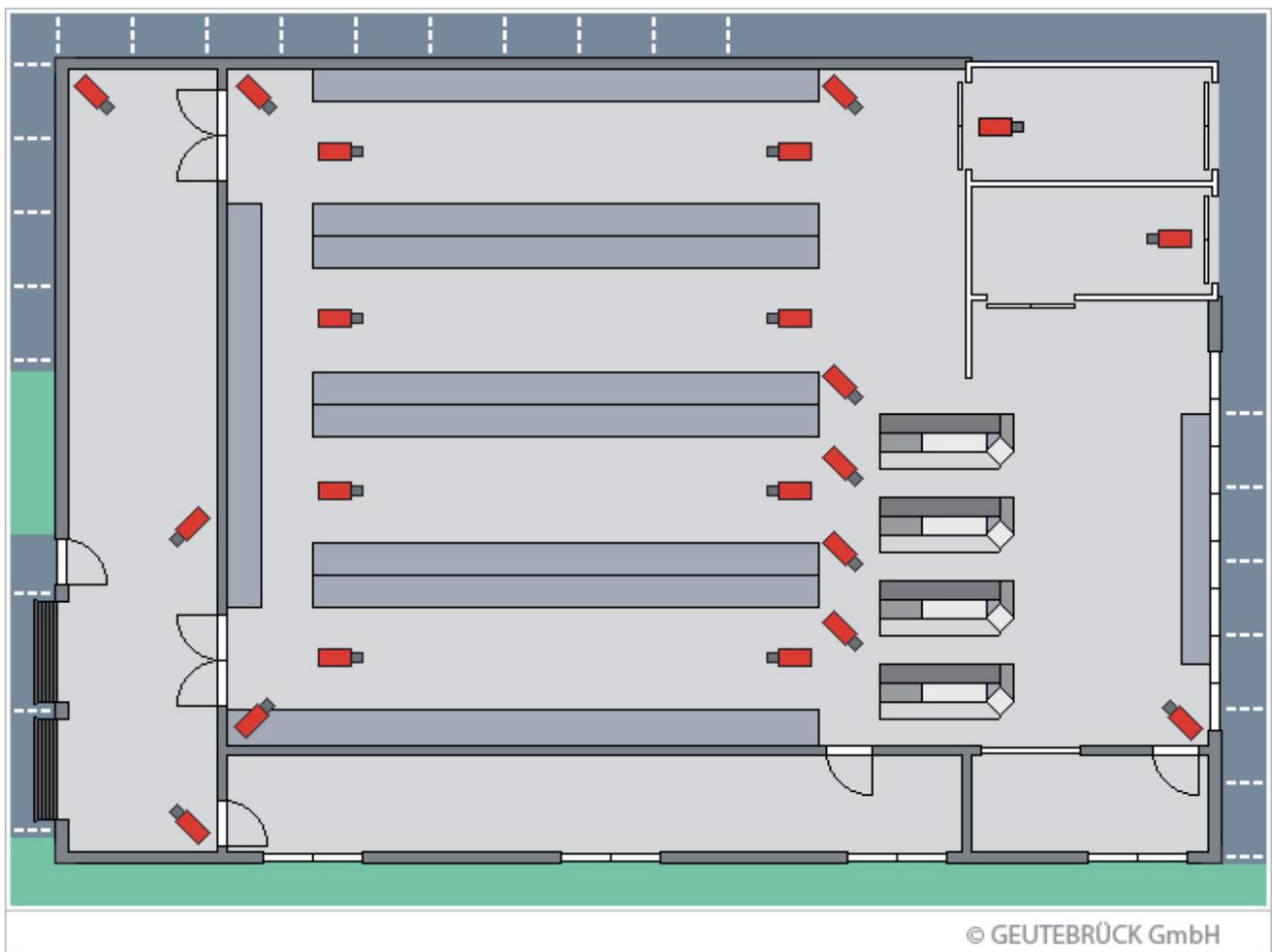
Optionally, triggered by the alarm, the video security system can send an e-mail to additional security personnel and transmit the alarm pictures.

The system is operated using interactive, customized layout graphics in the MultiMap user interface.

For the realization of this example, we recommend the following products:

Megapixel cameras

GSC/VMD video motion detection licenses

GeViScope hybrid server

MultiMap graphic user interface (GUI)

Example: layout of supermarket

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