GEUTEBRÜCK
Competence in Video Security

Parking lot

Cramped inner cities, little developable areas, a small budget and increasing traffic are the basic conditions that determine the design of modern parking lots. The architecture is optimized for the greatest possible use of space.

This means: low ceilings, tight lanes, narrow parking spaces, fluctuating and poor lighting conditions and little personnel. Nonetheless, criminal incidents such as theft, vandalism or even robbery must deterred be effectively.

The conditions in a parking lot place exacting demands on a video security system and require a high level of practical technical know-how, starting in the planning phase, as well as a product spectrum of technically mature products.

GEUTEBRÜCK offers cost-effective video security systems with added value, e.g. central monitoring or alarm processing of multiple parking lots over network or ISDN connections.
The right technology for each area of the parking lot:

Entrance/exit
The lighting conditions at the entrances and exits of the parking lot can fluctuate greatly. Depending on the angle of the lanes, glare from headlights or sunlight can result while the rest of the environment is poorly lighted or not lighted at all. Despite these disturbances, it must be possible to identify vehicles and in particular vehicle license plates. Cameras with a wide dynamic range or spot lighting and backlight compensation can deliver excellent video pictures, even under these adverse lighting conditions.

Video motion detectors control the automatic switching of the video pictures in the guard station and the recording of the camera pictures when there is movement in the field of vision. Optionally, license plate recognition can be used to find specific video recordings

Women's parking spaces
Purely "passive" video monitoring is not recommended in this case. Active functions such as video motion detectors and emergency call buttons control the transmission of alarms and video pictures to the permanently manned guard station.

Pay machines

Vandalism, customer disturbance. Snatching the wallet opened to pay the parking ticket ...
During the day and with people around the danger is relatively low; at night, however, this danger should not be underestimated. Cameras that monitor the area of the pay machines should be equipped at night with active video motion detectors that immediately transmit alarm pictures to the guard station when movement is recorded. Simultaneous recording is a matter of course. Optional voice communication and additional emergency call button for transmission of video pictures increase security.

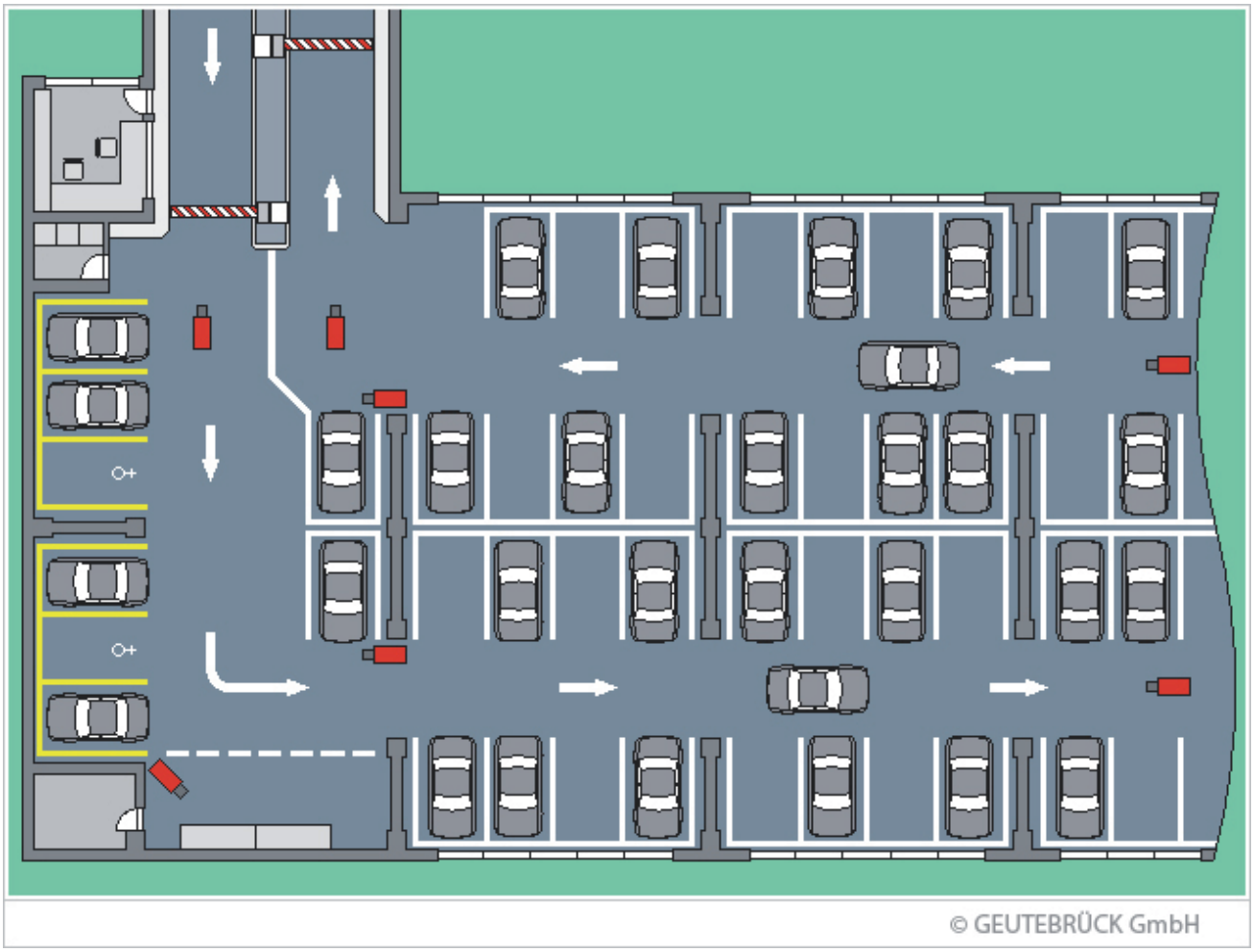
Parking spaces

For monitoring of parking spaces, megapixel cameras should be used due to the relatively narrow field of vision, further limited by roof supports, so that every possible detail of "parking accidents" can be recognized. During the day and high traffic levels it is recommended that recording runs permanently. At night the security risk is heightened and the use of video motion detectors is recommended.

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

Wide dynamic cameras
re_porter hybrid recorder
GeViScope hybrid server
GSC/VMD video motion recognition licenses
MultiMap graphic user interface (GUI)

Example: Layout of a parking lot level



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