



InfoKALEIDOS®

EFFICIENT PLANNING AND OPERATION OF SECURITY SYSTEMS

OVERVIEW

InfoKALEIDOS® is a software solution for the design and documentation of security systems in complex buildings. The product is primarily aimed at building operators and other interest groups that lay down the requirements of a facility security system.

The most important software functions are:

- Documentation of security systems
- Simulation of security systems, video surveillance/CCTV, motion detection, audible warning systems
- Administration of access control systems and locking plans
- Documentation of fire protection systems
- In-house navigation, evacuation and escape route planning
- Automatic generation of escape and rescue plans

In InfoKALEIDOS®, the technical parameters of a security system are centrally managed in a component catalog. The modeling of the component sites is done via “drag & drop”, true to scale based on imported floor plans.

The software solution supports the development and coordination of security systems. Room structure and current building utilization, traffic routes and access restrictions, very sensitive objects and risk potentials are displayed immediately.

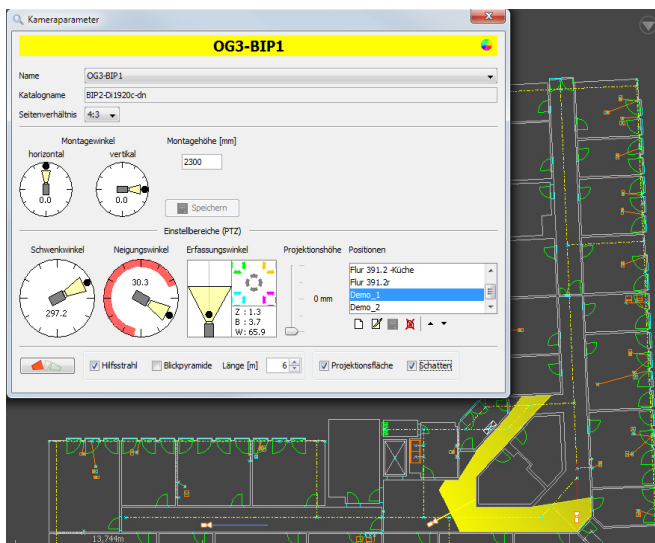
SIMULATION OF EFFECTIVE RANGES

The effectiveness of security systems can be graphically simulated by using InfoKALEIDOS®. The required device data (e. g. camera lens data, camera chip size etc.) is extracted from the central component catalogue.

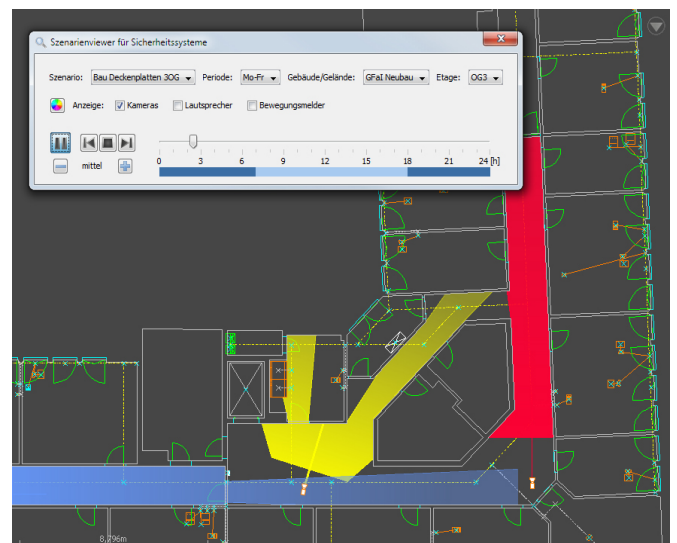
In the fields of video surveillance, motion detection and audible warning different configurations can be defined for the adequate operation mode regarding different security scenarios and daytimes. For surveillance cameras, those configurations concern pan angle and tilt angle as well as zoom functions and angle of coverage (e. g. home position). Examples for scenarios are “working / opening hours”, “holiday seasons”, “in-house exhibitions” or “fire hazard”.

Using the integrated recorder function, the user can simulate, review and optimize the time and functional interaction of the different systems in the model. Coverage is displayed immediately and areas not covered as well as blind spots and unnecessary overlaps can be identified. Thus, the interaction of different systems can be controlled.

Data can easily be entered in the floor plan view. In the software, the calculations are then performed on a 3D model, taking barriers, doors and permeable areas into consideration.



Visualization of a camera's effective range



Simulation of the surveillance areas during the course of the day

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