

Beach residence Kühlungsborn

The exclusive Kühlungsborn beach residence in the Baltic Sea is protected by an IP-based audio and video surveillance system. The cornerstone of the surveillance system is the NETAVIS Observer management software.

Industry:
Tourism

Location:
Kühlungsborn, Germany

Applied modules:
Observer Enterprise

Technical data:
16 cameras (network and analogue cameras, PTZ); 2 servers



„When it comes to the flagship of German holiday resorts, guests expect high security standards! This includes efficient video surveillance of the property, vds alarm devices for every apartment and the underground car park as well as automatic security features.“

Fried Giebel
Owner beach residenz Kühlungsborn

The challenge

The Kühlungsborn beach residence is an exclusive holiday resort with seven five-star vacation apartments. It is directly located at the Kühlungsborn marina near the Baltic Sea and offers its visitors the chance to relax in elegant surroundings.

To guarantee the security of the visitors, an intelligent surveillance system was needed to protect the property from unauthorized access. The main areas of concern were the underground car park, the entrance area and the traffic area. Furthermore, live images were to be generated in order to support the internet presence of the beach residence (www.strandresidenz.com). A camera tour of the residence, giving prospective visitors a preview of the residence, was also to be made possible.

The solution

An IP-based surveillance system, which integrates with the Observer software platform from NETAVIS was installed. Observer is fully scalable, runs on standard hardware and allows for easy integration with many different security systems and business applications.

Furthermore, NETAVIS Observer enables the professional and easy operation and administration of the surveillance system. The software solution was set up on an HP Server ML 150 G5 with Dual Core Xeon 2 x 2.33 GHz, 2GB RAM and four 750 GB SATA hard disk. The installation encompasses 16 cameras and three user licenses.

Axis was selected as the camera vendor. In the indoor area, four Axis 209 FD, two Axis 209M-FD as well as an Axis 241 Q Server are used. Three more analog Ritto door cameras and an elevator camera are connected with the server. The canopied out-

door area is protected by an Axis 214 PTZ and five Axis 209 FD-R. In line with the customer's preferences, all of the cameras are clearly visible. The recording time is limited to 100 days. In addition, all cameras record 3 images per second, permanently, in CIF format. Besides motion detection for specific areas, private zones were also set up.

If an alarm is sounded, the image recording time is increased by 12 images per second. Depending on the camera, there is a choice between VGA and QVGA quality. The camera system has a separate Cat 6 wiring harness with allnet 19" GHz Switch. Additionally, all cameras and the server are supplied with emergency power.

The benefits

The open IP-based video surveillance system from NETAVIS makes fast and high-quality access via client PC and standard browser possible.

Thanks to the NETAVIS calendar function in the archive, events can be marked in color. Furthermore, NETAVIS Observer offers a quick preview when the mouse is passed over the color marking. It is possible to search through video material quickly and easily. Another benefit of this solution is the pace and stability of the Linux system.

The only issue is the DSL 1500 connection, which does not allow for remote access and fast live coverage. Unfortunately, this is difficult to address, since there is no alternative, faster connection on site. Nevertheless, the owners of the beach residence are enthusiastic about the installed solution, appreciating in particular the flexibility and convenience of the solution.