

SUCCESS STORY



Hamburg Wasser Relies on Unique Range of Solutions by SeeTec

Project facts

HAMBURG WASSER

Object: protection of parking areas and perimeter

Constructor: Alarm+Sicherheitstechnik B.W. GmbH

Products: SeeTec Enterprise
SeeTec LPR Module
SeeTec SDK (Integration WinGuard)

Cameras: 66

Anforderungen:

- > scalability and extensibility
- > open platform
- > discharge of the guards on site
- > high reliability



Clean water is a matter of course in the western world. Very few people in this country wonder where it comes from and who ensures that it meets the high standards of quality. In the metropolitan area of Hamburg "Hamburg Wasser" is responsible for this and guarantees the drinking water supply and sewage disposal for more than two million people. In 2006 Hamburger Wasserwerke GmbH and Hamburger Stadtentwässerung AöR joined together to one organized group and now engage about 2,400 employees in total.

■ THE CHALLENGE

The headquarters of Hamburg Wasser is a highly frequented area. In addition to employees pursuing their work, external companies which perform maintenance works, representatives of research institutions Hamburg Wasser cooperates with, or organizations from the environs taking advice can be found.

Due to the high number of visitors damages and thefts were not absent in the past. In order to optimize processes and to secure the area more efficiently, but also to relieve the security staff, Hamburg Wasser decided in 2010 to replace the existing analog video security system.

The new installation should be fail-safe, very reliable, easy to use and scalable in terms of future growth. Alarm + Sicherheitstechnik B.W. GmbH was able to prevail in competition and convinced Hamburg Wasser with a concept that took all requirements into account.

■ THE SOLUTION

Following the specialist's recommendation Hamburg Wasser decided in favor of a unique range of solutions by SeeTec.

The decisive factor was the modular system of the SeeTec Multi Solution Platform. Due to a variety of expansion capabilities, video systems based on the platform can adapt to individual requirements of industries and customers and gain better

access to video material by combining process data and video streams. One of these modules is for instance the license plate recognition that convinced Hamburg Wasser.

■ THE RESULT

After a short planning phase, the implementation of the project began in summer 2011. As the central management platform WinGuard by Advancis is employed. This independent, integrated security and building management software enables the bundling of various security systems in one surface via interfaces in order to make the control of the particular systems easier for the guards.

In the case of Hamburg Wasser, both burglary and fire alarm detection technology as well as the video surveillance and license plate recognition are operated via this central surface. 66 Axis cameras were installed in parking areas indoors and outdoors in total and integrated into SeeTec Enterprise.

The image streams are recorded on a server with a disk space of four terabytes and displayed in a central control station, which is manned 24 hours a day. The visualization takes place on four monitors and on an efficient large screen system by eyevis. In case of an alarm, the staff can take defined actions by means of a manual and thus react appropriately to the event.

A special focus lies on the license plate recognition that controls the employee and visitor traffic. Due to high security standards the access to the grounds is protected by a barrier system, where vehicles entering and leaving are monitored.

In the morning and in the evening employees go to work. Furthermore, there are numerous company vehicles, which are used around the clock and pass the premises. In order to optimize the process and to avoid latencies and the formation of traffic jams at the gate separate lanes were set up for these vehicle groups. In addition, their license plate numbers are registered in the SeeTec LPR Module in a so-called White List.

Number plates from this list are recognized by the system and the gate is automatically opened for them. Vehicles from other companies that work on the grounds for a longer period can also be temporarily included in the White List and may use the internal lanes.

External visitors – e.g. suppliers and guests – have to use a separate lane and to apply at the factory security service. Only then the gate is opened for them manually.



■ THE CUSTOMER

Alarm + Sicherheitstechnik B.W. GmbH is as an integrator responsible for numerous installations in Northern Germany for nearly 30 years. The experienced SeeTec Certified Partner ensured a fast and smooth implementation of the system. Project manager Thomas Niemann was pleased with the successful project:

"Incidents may not always be completely avoided by video surveillance systems, much less in the event of targeted actions. In the case that something should happen, yet, the image documentation can be consulted as a support in the course of research. SeeTec renders very good services at this."

The result speaks for itself – thus, not only a smooth traffic flow at busy times is now guaranteed, but also incidents such as theft or willful damage to property have decreased distinctly.

Günter August, responsible for the site security at Hamburg Wasser, declares himself very satisfied:

"It was important to us to choose an open platform that can easily communicate with other trades. We have found this with SeeTec. Although numerous cameras are installed and managed by SeeTec at our place, there are other areas that shall be secured in future. The system lives and is being extended constantly – no problem with the SeeTec solution."