

Vigilance in HDTV quality.

HS-C. HEMPELMANN SCHÖNEBECK KG has equipped its ABEX warehouse facilities with Axis surveillance technology.



Organization:
HS-C. HEMPELMANN
SCHÖNEBECK KG

Location:
ABEX Magdeburg Süd,
Germany

Application:
Warehouse surveillance
and visitor analysis

Mission

HS-C. HEMPELMANN SCHÖNEBECK KG maintains five field facilities, so-called ABEX facilities, where construction companies can quickly and easily procure material and tools for their building sites. Since the 1990s, HS-C. HEMPELMANN SCHÖNEBECK KG has been monitoring three of these facilities with analog cameras. Because analog technology has become less dependable over the years and its range of functions is no longer up to date, it was time for an extensive modernization of the facility.

Solution

The new technology should continue to reliably protect the properties from theft and break-ins and scare off potential criminals. In addition, it should be a digital solution and network-compatible. Furthermore, the company wanted high-quality images and support for modern compression standards in order to reduce network load as much as possible.

HS-C. HEMPELMANN SCHÖNEBECK KG installed 20 AXIS P3344 fixed dome cameras to monitor the crucial areas of both facilities. AXIS P3344 offers a resolution in HDTV 720 quality and complies with the SMPTE standard with regard to resolution, color rendering and frame rate. Thanks to its large dynamic range and day and night functionality the camera delivers clear images by daylight as well as during poor lighting conditions.

Result

The cameras are networked with one video server each in the ABEX facilities. The head office can also call up surveillance images over the Internet. The AXIS Camera Station video management software installed on the video server is recording and displaying the video images. In case of an incident, video images can be quickly provided to the investigating authorities through a simple search function and event management. Video people counters are also employed in foyers and entrance halls. A software plug-in in the cameras recognizes people and can thereby determine the exact number of visitors to the facility by day and hour.

"Axis's network technology was precisely the right choice for our needs. In terms of both image resolution and functionality it offers everything exactly as we'd envisioned it. Not only is our ABEX facility more secure—we also have a convincing surveillance solution for our customers in our portfolio."

Oliver Kreuseler, responsible for Data Networking and Communications Technology Sales for HS-C. HEMPELMANN SCHÖNEBECK KG.

Objective: a modern, up-to-date solution

HS-C. HEMPELMANN SCHÖNEBECK KG is a wholesaler for building services and belongs to the long-standing GC Group. The consortium comprises 90 independent partners and offers all lines of building services through to electrical and roofing technology. The consortium employs more than 10,000 workers and nearly 1,000 trainees.

The new technology at HS-C. HEMPELMANN SCHÖNEBECK KG should be a digital solution and network-compatible. Furthermore, the company wanted high-quality images and support for modern compression standards in order to reduce network load as much as possible. In addition, the technology should support modern software applications, such as people counting, i.e., automatically counting the number of visitors.

HDTV quality convinces

Especially convincing for the building services specialists in their selection of Axis technology were the detail-rich recording quality in HDTV resolution, the modern H.264 compression standard and support for all established IP standards. Besides, the open Axis technology protects the investment because it can be upgraded to encompass future developments.

The company therefore installed about 20 AXIS P3344 fixed dome cameras to monitor the crucial areas of the two facilities. The AXIS P3344 fixed dome cameras offer a resolution in HDTV 720 quality and comply with the SMPTE standard with regard to resolution, color rendering and frame rate. Thanks to its large dynamic range and day and night functionality the camera delivers clear images by daylight as well as during poor lighting conditions.

Practical installation

The installation was quick and easy with the special AXIS Installation Monitor. This installation monitor can be connected directly to the camera and offers the user a preview of the area under surveillance as well as the quality of the recorded images. It is therefore not necessary to subsequently align the cameras after connecting them to the monitors, which saves a lot of time.

The cameras are networked with one video server each in the ABEX facilities, and the head office can also call up surveillance images over the Internet. Video people counters are deployed in the foyers and entrance halls: A software plug-in in the cameras recognizes people and can thereby determine the exact number of visitors to the facility by day and hour. HS-C. HEMPELMANN SCHÖNEBECK KG can, for example, therefore better tailor its capacities to its hours of operation.

