Axis is monitoring Třebíč heritage sites on the UNESCO list.

Cameras from Axis are helping the Třebíč Municipal Police.

Organization:
Třebíč Municipal Police

Location:
Třebíč, Czech Republic

Industry segment:
City Surveillance

Application:
Safety and security

Axis partner:
Perfected s.r.o.,
Assidu, spol. s r.o,
Genetec

Mission

The need to improve the security situation in the town has prompted the Municipal Police to carry out complete digitisation of the obsolete analogue surveillance system. Since there is a large number of very valuable heritage sites, two of which have even ended up on the UNESCO list, the selection criteria for surveillance cameras were very strict.

Solution

The camera and monitoring system operated by the Municipal Police in Třebíč has been operating uninterrupted for 16 years. Following the first attempts with IP cameras in 2007, the city decided to migrate during 2011 and 2012 completely to a digital platform connected to the metropolitan network. What proved to be the best solution in view of the client's demanding requirements was the installation of IP cameras from Axis in connection with the Genetec Omnicast 4.7 video management system. The installation was carried out by Assidu, spol. s r.o. and Perfected s.r.o.

The digitisation process included building three monitoring workplaces, two at a Třebíč Municipal Police station and one at a station of the Třebíč district branch of the Police of the Czech Republic, and the images from the cameras are continuously monitored by both the municipal and state police.

Result

Within the scope of the municipal surveillance system, 33 camera points, all with cameras from Axis, have been installed gradually. The cameras not only protect the town's streets from crime and damage of historic sites and also help monitor the traffic situation but successfully resolve traffic offences. The HD cameras, which can be rotated and zoom in on images, are yielding visible results. Each year, based on information from the municipal camera system, around 400 offences and 30 suspected crimes are resolved.

AXIS®
COMMUNICATIONS

"The Axis cameras enable us in real time and under almost any light conditions to monitor the situation in the town at a given time, to which we can react as necessary. Experience has shown that timely reaction is much more effective than subsequent searches in recordings."

Ing. Ladislav Prvák, Chief of the Municipal Police in Třebíč.

Cameras protecting world cultural heritage sites

Třebíč is a town rich in history, and today's visitors to the town can admire its cultural heritage sites, which include numerous examples of unique architecture. The old Jewish town with more than 700 registered objects and St. Prokop's Basilica have been part of the UNESCO World Cultural and Natural Heritage List since 2003. However, even these and other historic sites have not escaped being targeted by vandals. Therefore, in 2012 five camera points were placed in the Jewish quarter, which is also monitored along with the town's entire centre by two cameras placed on a town tower a year later. Today there are 33 camera points in Třebíč, which were selected and obtained through tenders in which suppliers had to fulfil the town's demanding technical requirements. Although two different companies were involved in the installations, all of the winning cameras are from Axis. Most of the cameras are of the PTZ category and enable rotation, tilting and very powerful zooming. In the town there are a total of six AXIS 232D+ dome cameras, twelve AXIS Q6032-E cameras and five AXIS Q6045-E cameras as well as one of each of the following types of Axis cameras: AXIS 233D, AXIS P1346, AXIS P5522-E, AXIS Q6035-E, AXIS Q6042-E a AXIS Q6044-E.

The cameras also save people's lives

The video images captured by the IP cameras in the town's surveillance system do not only help protect historic sites. Since the establishment of the system in Třebíč, numerous human lives have been saved thanks to the operators. These have included a situation when a person suffered a sudden collapse in the middle of the street. Based on the operator's quick reaction, a municipal police patrol was sent to the site immediately, and the paramedics were contacted in the meantime. The police officers were able to provide first aid to the injured person until the paramedics arrived. The present cameras have also helped save the lives and protect the health of persons under the influence of alcohol or other addictive substances staggering along the roadway.

The cameras have also made it possible to catch people driving under the influence of alcohol, who jeopardise the safety of other drivers and pedestrians, and they can also help identify and rescue homeless people, who are at risk of catching cold or freezing during the winter.

Plans for the future

Since the surveillance system based on top quality IP cameras has proved to be effective, the town plans to develop it further and expand its capabilities. This year (2015), for example, the Genetec Omnicast system will be upgraded to the Genetec Security Center, and during coming years there are plans to carry out the complete modernisation of all three monitoring workplaces and build a workplace with a clear monitoring workplace at the crisis staff's meeting location, where they will be able to monitor camera images in the event of crisis situations, such as floods or other emergencies.

The process of expanding the camera points will also include additions to monitoring in locations where the municipal police are most often confronted with problems and where there are not yet any cameras. In the places where they have already been installed, the cameras have provably reduced the amount of property damage, to deal with traffic accidents in a timely manner and to identify the perpetrators of crime. The Třebíč Municipal Police are making a permanent effort to have cameras placed by all of the town's elementary schools. The town has a total of seven elementary schools, five of which already have cameras. There are also plans to use the intelligent functions of Axis cameras, such as motion detection and detection of exceeding of certain zones by certain cameras and notification of any sudden increases in noise levels as well as automatic monitoring of moving objects.