Kiev-Pechersk Lavra chooses Axis network cameras.

Network video surveillance ensures safety for pilgrims
at the Kiev-Pechersk Lavra.

Organization:
Kiev-Pechersk Lavra
Monastery complex

Location:
Kiev, Ukraine

Application:
Safety and security

Axis partner:
ITV

Mission

The key objective of the project was to build an integrated security system including video surveillance, fire alarms and intrusion detection for the site and inside buildings.

Solution

The first step was to install Axis network cameras in the most critical locations and to integrate them into the data transfer network. A total of 39 cameras were installed for the project, including models AXIS P3301, AXIS P3343, AXIS P3344, AXIS P1346, AXIS P1354, and AXIS M2014.

The next step was to unify all elements of the security system using an integrated Intellect software system from ITV and to connect remote operator locations and the back end (central servers and video archive).

Result

The result is a fully functioning integrated security system. Information from the video cameras can be called up from the archive at any time and analyzed, and, if needed, used as evidence in court. The system can be used not only to quickly react to illegal acts, but also to prevent them. After introducing the system, the Lavra was able to reduce the number of guards and improve their level of training. Practice has shown that the simple existence of video surveillance cameras has helped prevent various illegal acts at the Lavra.

AXIS
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"Video surveillance has become one of the key tools of our work, and the capabilities of Axis network cameras and the Intellect software suite allow us to quickly react to hazardous events and investigate incidents by viewing the saved archive. We are happy with the choice we have made."

Alexander, Lavra Security Department Manager.

Site description

The Kiev-Pechersk Lavra is one of the most ancient and sacred shrines in the Orthodox World, and was founded in 1051. Since its founding, the Lavra has played an important role in the spiritual life, culture and education of the Slavic peoples. Over the course of its history, the Lavra has been destroyed several times, but it has been restored every time. This unique monastery complex was selected as a UNESCO world heritage site. Over 43 million people from all ends of the earth have visited it during its existence.

The Lavra monastery is both a spiritual site and a tourist destination, attracting a significant number of visitors every day. It is not surprising that, along with conscientious and well-meaning visitors, the monastery attracts ill-intentioned intruders. It is always better to prevent crime than to expose it after the fact. Furthermore, the Kiev-Pechersk Lavra has provided pilgrims with not only spiritual guidance, but also protection from the outside world, for almost a thousand years. For this reason, the Lavra security service must always be on the alert, and here it is helped by modern security hardware such as smart video surveillance.

Axis selection

The Lavra consists of many different structures, most of them quite old. Ancient architecture, for all its beauty, is not the most convenient for video surveillance; corridors and galleries with irregular lighting and a multitude of niches and arches require cameras to work at the leading edge of their capabilities. For this reason, the choice of video cameras is critical. The foremost criteria are equipment reliability, image quality, and clear recording in darkness and variable lighting. Another important factor is image detail and the ability to identify faces in the frame and follow objects. Axis network cameras expertly accomplish all of the tasks set forth in the project, providing the Lavra security service with the ability to promptly react to adverse incidents.