

Axis cameras secure construction sites of Irkutsk city. Reliable surveillance on Noviy Gorod construction sites provided by Axis IP cameras installed by Diamant.



Organization:
Noviy Gorod

Location:
Irkutsk, Russian
Federation

Industry segment:
Industrial

Application:
Safety and security,
perimeter security,
remote monitoring

Axis partner:
Diamant

Mission

The first goal of Noviy Gorod Financial & Construction Company, was to replace certain analog cameras that were used for access control in the company's headquarters with an IP solution. The customer selected Diamant integrator for this mission. The second goal was to install a video surveillance system capable of ensuring perimeter security of construction sites, and finally, the last goal was to provide possibilities for sending investors video in real time in order for them to oversee construction progress.

Solution

Noviy Gorod Financial & Construction Company gave Diamant integrator the job of providing a small video surveillance system comprising five IP cameras. Qualified specialists from Diamant developed a cost-effective video solution based on AXIS M1011 Network Cameras with video storage capability.

The next step was to ensure safety and security on the construction sites and launch video transmission over Internet for investors to make it possible for them to oversee construction progress. As the system was developed, a single monitoring center to control processes on construction sites located in different city districts and city areas was implemented.

Result

The newly designed and installed video surveillance system was successfully integrated to an existing LAN. The new video surveillance system offers the following possibilities: video surveillance of visitors and personnel both in office and construction sites, overseeing objects under construction, overall exterior and interior surveillance without a need to make onsite visits; remote access from the monitoring center or anywhere worldwide. When events occur, the video solution makes it possible to quickly respond or view video recordings.

"Axis cameras provided an effective video surveillance solution for different applications and environments. With a wide selection of IP cameras, we got a great possibility for creating a general purpose video surveillance system with ultimate functional capabilities. Also, the solution is based on a single-vendor components, supports a single monitoring center and remote monitoring stations."

Nikolay Petrovich Matveichuk, Deputy Chief Director, Economic Security, Noviy Gorod Financial & Construction Company.

Project value

The administration of the Irkutsk area, EMERCOM of Russia and Ministry of Internal Affairs, highly appreciated the social value of the video surveillance solution as it ensures 24/7 surveillance and allows for quick response in case of incidents. Video recordings can be effectively used to facilitate investigations. Administration of Irkutsk area also mentioned that the video surveillance system helps citizens stay more informed about attractive events occurred in the city.

Start of the project

After successfully overcoming the financial crisis in 2008, Noviy Gorod Financial & Construction Company encountered a new challenge: whether to make investments into a new video surveillance technology or not. Top managers of the company together with Diamant integrator proceeded with a risk analysis and compared all possible losses due to removal of the existent video surveillance system with the cost of a new video surveillance solution. As a result of this comparison, the company selected to install a new IP video surveillance solution. After reviewing specifications and analyzing workmanship, Noviy Gorod Financial & Construction Company purchased a small batch of AXIS M1011 Network Cameras and these became the base for the first segment of the video surveillance system including access control. After installation and positive experience using Axis cameras in the company's headquarters, the customer elected to expand video surveillance to the whole company. This project stage included installation of surveillance cameras on construction sites and creation of a monitoring center.

Construction site security

In the beginning of 2010, a perimeter video surveillance solution with a single monitoring station was designed and installed. This segment of the video surveillance system already included IP cameras of various types and resolution, both for indoor and outdoor environment. Diamant integrator selected to install AXIS P1346 Network Cameras, AXIS 212 PTZ Network Dome Cameras and AXIS Q6032-E Network Dome Cameras for indoor and outdoor installation.

Supervision for investors

Axis cameras were successfully integrated to the company's security system, giving the integrator the possibility to offer Noviy Gorod Financial & Construction Company additional approaches for expanding the project. Diamant integrator offered two additional project stages: supervision over construction process and transmission of video over Internet for investors and partners to make possible overseeing construction progress of business centers, residential buildings and cottages. Compared to other construction companies in the Irkutsk area, Noviy Gorod Financial & Construction Company gained the following advantages:

- > Surveillance for construction sites and adjacent areas
- > Supervision for workers without the need to make onsite visits
- > Remote access to video from anywhere worldwide
- > Secure authorization needed for access to video
- > Remote camera control (pan/tilt/zoom)
- > Storage of video recordings
- > Real-time access to live video from construction sites for investors and partners
- > Snapshots from cameras moving between different presets according to the schedule

Noviy Gorod Financial & Construction Company greatly appreciated all advantages they received after implementing the complex video surveillance solution, so it was decided to continue to scale up video surveillance and at the present time more than 200 Axis network cameras are installed in the company. IT-specialists within the company also appreciated the quality and excellent fail-safety of the Axis solution, as well as ease of integration to the existing network.



Новый Город
Финансово-строительная компания

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