

Paris Nord 2 deploys a vast urban video protection system.

An innovative 120-camera system from Axis Communications combines ease of installation and maintenance with highly effective technology.



Organization:

Paris Nord 2

Location:

Villepinte, Roissy, Aulnay, Tremblay, Gonesse, France

Industry segment:

Commercial

Application:

Safety and security

Axis partners:

Informatique Nord 2,
SeeTec

Mission

Paris Nord 2 is an international business park created in the 1980s. It is near Paris's Charles de Gaulle and Le Bourget airports, as well as the gates of the Paris Nord Villepinte exhibition grounds. It contains a million square meters of offices and activities, and in the past it primarily relied on intervention by a security team. To keep the peace at the park, Paris Nord 2's management decided to install a video protection project, not only as a prevention and deterrence tool, but also as a way of helping police in their investigations.

Solution

A call for bids went out in 2011 for installation of 120 cameras. Among all the candidates, the Axis installation drew attention right away, due to the ease of managing and maintaining its cameras, as well as for their many technical advantages, such as full IP and their megapixel count, among others.

The option chosen consisted of fixed AXIS P1365-E Network Cameras. SeeTec video management software was chosen for its video surveillance capabilities and its scalability to the growing needs of Paris Nord 2.

Result

The impact of installing this system is extremely promising. Paris Nord 2 works closely with national and local police by providing them with images for preparing documents for judicial proceedings. For the future, Paris Nord 2 has two video protection goals: to make the system more intelligent (especially in the quality of night images) and to provide maximum assistance to PC Sécurité operators. Moreover, Paris Nord 2 would like to add 10 to 15 cameras to cover parts of the park not currently protected by video.

“With Axis, we chose quality. In five years, we’ve only had to replace two cameras.”

Daniel Fournier, consultant and integrator for Nord 2, in charge of IT for Paris Nord 2.

Located 15 km northeast of Paris, the Paris Nord 2 business park is at the heart of a territory strategic to international commerce: Grand Roissy. It benefits from close proximity to Paris' Charles de Gaulle and Paris-le Bourget airports. This territory is one of the economic engines of the Ile-de-France region.

At the end of a call for bids, Paris Nord 2 chose Axis with a 120-camera installation in a system that is easy to manage and maintain. It offers a number of technical advantages, such as full IP and high megapixel resolution, among others.

During the first year, 40 Axis cameras were installed with radio links: two AXIS Q1775-E (zoom cameras), two AXIS Q6044-E (PTZ) and 36 AXIS P1365-E models. AXIS P1365-E is a 2-megapixel day/night camera that offers exceptional video performance. This includes a maximum HDTV image frequency of 1080p in keeping with standard SMPTE 274M for resolution, color representation, a 16:9 ratio and image frequency. It handles several H.264 and Motion JPEG data flows simultaneously.

AXIS P1365-E has digital manual panorama/tilt/zoom functions and also handles a flow of multiple views, allowing simultaneous transmission of a complete view, as well as several zones clipped from it.

Gradual installation

Paris Nord 2 has gradually installed 80 cameras. The 120 were then switched to fiber optic. This high-speed network represents about 10 km of fiber. The budget for the investment comes to a little less than one million euros (including everything: the cameras, fiber optics, software, network and servers).

Currently, Paris Nord 2 manages only the obsolete cameras: The Axis cameras' durability is unquestionable, because in five years, just two cameras have been replaced.

Where security personnel are concerned, Paris Nord 2 entrusts the park's protection to Athéna Surveillance. Operators are present at PC Sécurité 24/7 to run the video protection equipment. Additionally, three agents are constantly on site to complete the system.

The impact of installing this system is extremely promising. "This lets us provide companies and employees with the pleasant work environment everyone aspires to," says Daniel Fournier, consultant and integrator for Nord 2, in charge of IT for Paris Nord 2.

Close collaboration with local police

Paris Nord 2 works closely with national and local police by providing them with images for preparing documents for judicial proceedings. "We often provide images on demand to the prosecutor to help police identify vehicles passing through Paris Nord 2," Fournier remarks.

For the future, Paris Nord 2 has two video protection goals: to make the system more intelligent (especially in the quality of night images) and to provide maximum assistance to PC Sécurité operators. Moreover, Paris Nord 2 would like to add 10 to 15 cameras to cover parts of the park not currently protected by video.

Informatique Nord 2

Informatique Nord 2 is an IT services company created in 2009. Specialized in consulting, design, installation and management of "video protection", it is also engaged in developing specific business applications, designing and maintaining websites, and daily management of network and office structures. It relies on a powerful network of expertise that covers all its fields of business.

SeeTec

SeeTec GmbH is one of Europe's main video software management providers. Since 1999, SeeTec has developed and marketed software solutions for security applications. Additionally, SeeTec offers industry-specific solutions for logistics, commerce, finance, transport and distribution.



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