

Municipalities to the north of Lodigiano feel safe with Axis. A consortium formed to cooperate and guarantee greater security inside these municipalities.



Organization:
Consorzio Nord
Lodigiano

Location:
Lodigiano, Italy

Industry segment:
City surveillance

Application:
Outdoor video
surveillance in 5
Lombard municipalities

Axis partner:
Net Engineering S.p.A.

Mission

Consorzio Nord Lodigiano wanted to provide its municipalities with an unobtrusive and effective video surveillance system to ensure the safety of citizens.

Solution

To meet the demands of Consorzio dei Comuni del Nord Lodigiano, Net Engineering, a partner of Axis Communications, evaluated and implemented targeted video surveillance solutions. The municipalities wanted to monitor sensitive outdoor town areas; hence, the choice of different camera models: AXIS 221 Day & Night Network Cameras were installed for traffic control and for the surveillance of streets, squares and crossroads, while AXIS 232D+ Network Dome Cameras were chosen for green areas and playgrounds.

The AXIS Camera Station video management software was installed to record and view recorded images. The entire configuration's control room is located at the Montanaso Lombardo Police Headquarters, under the constant guard of local policemen.

Result

The excellent quality of images obtained even in extreme light conditions enabled uninterrupted monitoring of areas at risk, thus guaranteeing the safety and peace of citizens. The client was fully satisfied with the solution.

"The effect was instant and positive for the security of citizens. By monitoring sensitive areas inside our municipalities we were able to identify some drug peddlers and vandals thanks to the high quality images."

Commander Spelta of Consorzio Nord Lodigiano's local police based in Montanaso Lombardo.

Consorzio Nord Lodigiano – at the service of citizens

Consorzio Nord Lodigiano comprising the municipalities of Casalmaiocco, Cervignano, Galagagnano, Montanaso Lombardo and Tavazzano con Villanes was formed in 2003 to cooperate in achieving greater security within its municipalities. It initially experienced the successful aggregation of municipal police forces, which cooperated in all activities assigned to the local police, ranging from traffic regulation to noise repression and prevention and repression of unauthorized construction, etc.

To ensure that surveillance resources were completely and effectively shared, and having understood the importance of using new, modern technologies, the Consortium decided to equip the municipalities with an IP-based video surveillance system to monitor outdoor sensitive areas (i.e. roads, cross-roads, squares, green areas and playgrounds).

Axis network cameras – tailor-made solutions for various requirements

Net Engineering, system integrator in the ICT sector for small, medium and large companies, chose Axis because, as a Premium Partner, they were perfectly aware of the quality of Axis cameras, the extensive product range, versatile integration in all-IP solutions and efficient technical support. The solution specially designed for Consorzio Nord Lodigiano included the installation of 15 Axis network cameras, using two different models to meet the municipal requirements.

AXIS 221 Network Cameras were installed for traffic control, and to monitor streets, squares, cross-roads and locations with poor lighting. These high performance cameras are specially designed for complex security installations and to operate in all lighting conditions with the day and night technology that produces well defined, clear images of any object moving at a high speed, even in the dark. The high performance Pentax lens and CCD progressive scan sensor reproduces objects in motion without distortions. These cameras have many more advanced features that ensure exceptional flexibility and functionality, including PoE (Power over Ethernet), video

motion detection, pre- and post-alarm image buffer and inputs/outputs for the connection of devices such as sensors, LEDs and door closure.

AXIS 232D+ Network Dome Camera was selected to monitor green areas and playgrounds. These cameras are ideal for inspection rounds because they can be rotated 360°; moreover, operators can easily identify any object by using the rapid and precise PTZ controls, which can be selected with either the mouse or a joystick. The AXIS 232D+ also features the useful day and night function, as well as an 18x optical zoom, an automatic focus lens and a removable IR filter that can be either automatically or manually disabled, depending on lighting conditions.

The software chosen and installed for video management was AXIS Camera Station, specially designed for video surveillance applications. It can make use of up to 25 network cameras to view, record and archive images. AXIS Camera Station enables users to continuously record on scheduled mode, when an alarm is triggered and/or if movement is detected. It offers many research functions for recorded events, such as multi-window display to enable users to concurrently view recordings taken by various network cameras and obtain a complete view of a specific event. Moreover, the system also includes remote display and viewing of recorded images. All recordings are high quality in Motion JPEG and MPEG-4 formats.

Efficiency and discretion – living undisturbed

Consorzio Nord Lodigiano found the video surveillance project's implementation to its satisfaction. Besides being useful to detect serious threats, the cameras installed in public areas also act as a deterrent against personal attacks, theft and acts of vandalism. The flexibility of the Axis solution has also enabled existing analog cameras to be integrated into the new system, thus saving public funds and avoiding a pointless waste of resources. Furthermore, the opportunity to unobtrusively and successfully monitor the municipality's sensitive areas was highly appreciated.



"We are highly satisfied for having implemented a new surveillance system with Axis solutions. We are sure that we have given Consorzio Nord Lodigiano a high-quality, effective system," Alberto Bosio, Sales Manager for Net Engineering.

