

## Vauvert opts for IP-Surveillance to increase citizen security. Axis network dome cameras watch over the security of city residents day and night.



Organization:  
City of Vauvert

Location:  
Gard, France

Industry segment:  
City surveillance

Application:  
Round-the-clock city  
security

### Mission

As a city of 11,000 residents in the Gard region in France, Vauvert has witnessed an upsurge in night-time thefts and other incidents. In 2007, the city decided to install a video surveillance system to strengthen its security policy.

### Solution

After defining the areas to be monitored by video surveillance in consultation with the city's police department, a technical study of the project was conducted by the Vauvert City Hall's IT department. After reaching a subsidy agreement with the State (the FIPD, *Fonds interministériel de prévention de la délinquance*, Interministerial Crime Prevention Fund) and issuing a call for tenders, the video surveillance committee, made up of elected representatives, opted for Axis network cameras.

### Result

The seven AXIS 233D Network Dome Cameras installed in Vauvert are a reassuring presence for the city's residents, and serve as a deterrent to troublemakers. The flexibility of the information transfer system, combined with the cameras' ease of installation, convinced the technical departments at the City Hall.

"We're completely satisfied with our installations and our equipment, which is already helping to reassure the people of Vauvert."

Monsieur Gayaud, Mayor of Vauvert.

## Eliminating the residents' sense of insecurity

In recent years, Vauvert City Hall has had to deal with problems of theft and an upsurge in night-time incidents. Local officials decided to implement a video surveillance system as an additional tool for the police department.

To stay within the allocated budget, the City Hall opted to use the skills of city employees in installing the video surveillance system. The IT and technical departments, in cooperation with regional service providers, thus proceeded to install the video surveillance network.

Vauvert City Hall's IT department used the experience garnered in a conclusive and profitable project involving the convergence of IT and telephony data over IP to draw up an IP-oriented requirements specification for video surveillance. The "open" solution had to ensure the optimization of transfer and management costs for video surveillance data, and be easy to install and upgrade.

## Implementation of an information transfer strategy to control costs

Thanks to a transfer of skills performed by a service provider, city employees laid the fiberoptic multicables in existing sheaths buried in the road repair work. When that was not an option, the cables were run along the frontage of the buildings.

To optimize the civil engineering costs when the areas did not have fiber optic coverage, the city opted for a high-performance 5.4-GHz wireless network (802.11a standard). This was dimensioned to anticipate the expansion of the video surveillance network.

The radio links, which generally represent the terminal sections of the transport network, would need to be replaced in the future by fiber optics to permit their redeployment during the expansion of the network. The entire system therefore permits information to be transferred from the seven AXIS 233D Network Cameras installed in the city.

The AXIS 233D is a day/night network dome camera, specially designed for applications requiring the tracking of moving objects at a distance while permitting the smallest detail to be analyzed. Equipped with a function for the dynamic masking of privacy zones, AXIS 233D complies with the regulations in force.

The image management process is performed by a software package on an IT server dedicated to storage. The ease of configuration of Axis network cameras permitted masking and guard tour functions to be performed internally.

The images stored at the City Hall may only be viewed by authorized personnel, with the strictest respect for professional secrecy and confidentiality in accordance with the regulations in force, as well as a municipal charter of ethics validated by a prefectural committee.

"The cost of this operation, estimated at €100,000, is controlled and fits clearly into the city's budget. We're completely satisfied with our installations and our equipment, which is already helping to reassure the people of Vauvert," concluded Monsieur Gayaud, Mayor of Vauvert.

An expansion of the video surveillance system is planned with the arrival of new cameras in the course of 2008 and 2009 to increase the security of all residents.

