

Getxo's Town Hall.

Getxo's Town Hall integrates network video with the new Municipal Control Center.



Organization:
Getxo's Town Hall

Location:
Getxo, Biscay
province, Spain

Industry segment:
Government

Application:
Safety and security

Axis partner:
Sumenor Security and
Control Systems

Mission

One of the Town Hall's fundamental purposes is to effectively organize and coordinate the public environment by enhancing its infrastructure and the services in the public's best interest. To achieve these goals, all available resources are used to safely confront the challenges of an increasingly complex, changing society that requires quality services within the scope of public safety.

A significant example of this situation is illustrated in the town of Getxo (83,000 inhabitants) located in the province of Biscay in Spain, which recently undertook renovation of its video surveillance system. The municipality required the interconnection of various scattered systems, the incorporation of new cameras and their centralization in the newly built Control Center of the Local Police's offices.

The Town Hall sought a solution that allowed customized integration of remote control systems. Additionally, the recording's image quality and the cameras' number

of frames per second were meant to be improved with moderate bandwidth using multicasting. This would allow the implementation of secondary display stations with virtually no increase in bandwidth.

Solution

After analyzing the Town Hall's requirements, the Biscayan company Sumenor Security and Control Systems, an integrator and Axis Solution Gold Partner, developed an integrated and centralized municipal video surveillance system.

The Town Hall's prior relationship with Sumenor SCS, its professional and multi-disciplinary approach that includes specialists in programming, systems, electricity and electronics, and their innovative deployment in the world of video surveillance, made Getxo's Town Hall call on them for the installation of this new system, a process that lasted nearly two years.

“Our internal assessment of the cameras was very satisfactory. We know that this is high-quality equipment regarding the finishing, interface and coding with multiple available options that are necessary under certain circumstances.”

Julio Ortiz de Zarate, Telecommunications Engineering, member of the Computer Science Department, Getxo's Town Hall.

With the collaboration of Town Hall's Systems Department, and as the first joint experience, they launched the installation of the lift control for Ereaga's cable-car, which towers above a 45 meter (135 ft) slope between the town's high zone and the beach; for this purpose, AXIS 212 PTZ Network Cameras were installed inside the lift, and AXIS 225FD Fixed Dome Network Cameras were also installed to display the entries, ticket sales and transit zones.

Once installed, the efforts focused on equipping the system with mechanical ramps with a video surveillance infrastructure that also enabled remote monitoring functions from the local police premises. In this case, AXIS 223M Network Cameras were installed, equipped with vandal-resistant housings.

The last step was to provide a video surveillance system to the new building's facilities for the local police. A control and coordination center was deployed therein, enabling access to the existing cameras and to the remote monitoring of mechanical devices (cable-car and ramps). The products selected for video surveillance inside the station were AXIS 216FD Network Cameras.

Result

The state-of-the-art technology of Getxo's new local police station greatly facilitates police surveillance work and emergency response. In the control center which operates 24 hours a day, three officers control the 70 cameras in the system, the power-on and power-down of the cable-car and the mechanical ramps.

The Axis network cameras' superior image quality provides the security team with real-time and precise details of what is happening in prominent locations. The system, which uses the municipality's existing dark fiber IP network, ensures greater options, should additional cameras be requested by the Town Hall.

About Sumenor Security and Control Systems

Sumenor was created with the goal of offering comprehensive and innovative solutions in the security sector. Over the years, Sumenor's success has led them to consider their growth through diversification of their business. They now have several divisions, aimed at providing greater added-value technological solutions: Security Engineering, registered in the Security Firms Registrar of the Basque Country (E-47), Systems Engineering (IT) and Electrical Engineering.

