

Historic building with a vision of the future.

The Tuluá city government invested in video surveillance technology for long-term use.



Organization:
Tuluá city government

Location:
Tuluá, Colombia

Industry segment:
City surveillance

Application:
Safety and security

Axis partner:
Spectra

Mission

The city government's video surveillance system of Tuluá, in Colombia, had fallen behind compared to other municipalities in the region; the system utilized very basic cameras inside its facilities, which did not allow for optimal monitoring and could not deal with new demands. In other words, the technology that the city government had put its hopes on a few years earlier was no longer satisfactory. What they had learned through this led them to shift course and invest in an effective, scalable system that would protect their facilities inside and out, meeting not only today's needs but also those in the future.

Solution

The Tuluá city government decided to work with the integrator Spectra, who directed and launched the project, which used 25 Axis cameras to replace the 38 cameras in the existing system. The Axis cameras cover a wide range of monitoring and encompasses areas that were not being monitored previously, such as the public area in front of the city hall and the access to its parking lot.

The project uses fixed dome AXIS P3225-LV Mk II Network Cameras, which are distributed in all common areas. Panoramic AXIS P3707-PE cameras were installed in the parking lots, a model that incorporates 4 lenses for 360° fixed vision. Finally, AXIS P1405-LE Mk II (bullet type) and AXIS P5624-E MK II PTZ dome cameras were installed outdoors in order to provide a continuous horizontal motion.

Result

This deployment meant that the Tuluá City Hall video surveillance system was on par with the main ICT developments in the department, providing optimal surveillance in all public areas of the building and enabling a scalable solution that could take future needs into account.

“We found other solutions at a lower price on the market, but they would not have allowed us to grow or adapt to video analytics the way the Axis Communications cameras do.”

Alexander Ricardo, Director of the ICT Administrative Department for the Tuluá city government.

360 degree continuous vision

The building that houses the Tuluá city government is located in the original heart of the city, in front of the central park in an area of local and regional historical importance. Therefore, one of the objectives in modernizing the video surveillance system was to support the conservation and care of building facades, protecting them from vandalism.

To accomplish this, one AXIS P5624-E Mk II camera was installed that covers the entire corner where the city hall is located. Thanks to its 360° continuous panorama view, it allows uninterrupted monitoring, providing them with relevant data when there are public disturbances or traffic accidents.

Less infrastructure

The underground parking lots at city hall had 8 cameras that covered 8 fixed points; these were replaced by just four AXIS P3707-PE cameras, whose horizontal panoramic vision responds better in the low light environment. These cameras are also equipped with Wide Dynamic Range technology, which compensates for the backlight effect that occurs at certain points.

This same standard was used for the access points to the government administrative offices. As the Spectra engineering department indicates, “in this area, the previous camera had a very small field and generated almost indecipherable images. Now security forces can even manage to identify potentially dangerous situations, such as packages or vehicles left at the entrance to the building, all in detail.”

The Tuluá city government is planning a second phase in this deployment, in which video surveillance will be increased and video analytics will be put into practice for various tasks, which could include reading license plates or facial recognition of the staff who work at the facilities.



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