

Condo invests in safety with Axis HDTV cameras.

Granville Condominiums installed an IP surveillance system to protect residents and property.



Organization:
Granville Condominiums

Location:
Goiânia, Goiás, Brazil

Application:
Safety and security

Axis partners:
CNT Brasil, FOCOM
Tecnologia, Digifort

Mission

As the number of residents at Granville condominium in Goiânia, Goiás increased, and along with it the volume of traffic, managers also noticed a pattern of a rise in the number of vehicle collisions and small acts of vandalism. The condominium association—the Society of Friends of Residencial Granville (Sagran)—was responsible for the preservation and maintenance of the development, but they were also concerned about growing violence in the city of Goiânia, the capital of the Center-West regional government and one of the most violent cities in Brazil, with the 4th highest homicide rate in the country.

Solution

The solution was to install an advanced video surveillance system using 85 HDTV cameras that could provide real-time monitoring inside the condominium and all around its perimeter. This system ensures complete entry and exit control of vehicles and people. The monitors identify suspicious acts and behavior and alert the team responsible for immediate verification.

The Digifort Enterprise platform — one of the best IP camera management solutions available on the market — was adopted as the camera management system.

Result

After deploying the system, residents reported an increase in security. It was also possible to clarify what happened in events such as vehicle collisions, to identify persons responsible for vandalism and petty theft on condominium premises, and even notify parents of children who were witnessed using illegal drugs. Even during commemorative events, with the highest volume and flow of people, human and property security and safety were guaranteed. Another advantage of the system was the installation of Wi-Fi hotspots in the common areas, allowing free wireless network access to residents.

“Today, with the implementation of the video surveillance system, the condominium is considered more secure, and incidents occurring inside and outside have dropped significantly, in addition to increasing the value of the property.”

Marcela Vasconcelos Taveira, Sagra Administrative Director.

Quick search

The IP-based system deployed in the Granville condominium consists of a total of 85 high-resolution cameras from Axis Communications that monitor the entire perimeter area.

The system includes 42 AXIS M1114-E Network Cameras suitable for outdoor environments, offering progressive scan capabilities. Another seventeen AXIS Q6034-E Network Cameras suitable for outdoor environments provide 18x optical zoom for wide spaces and image detail, and vandal-resistant 26 AXIS M3004-V Network Cameras offer 80° horizontal viewing capabilities.

All the cameras are monitored from a modern operations center using the Digifort Enterprise image management solution. The operations center was built with its own monitoring room furnishings that allow simultaneous use by up to two operators. The entire system is supported on HP Proliant servers providing high data storage capacity and information security thanks to their RAID disk arrays.

The cabling solution installed uses a backbone in the form of redundant optical ring and CAT-6 data network, connected to HP Networks managed switches with PoE (Power Over Ethernet). All the equipment is powered by a dedicated stabilized network made up of UPSs dimensioned to support the system in full operation during power outages.

All this technology has brought many benefits to the condominium, increasing residents' sense of security. It also provides greater convenience to residents, since the project included the installation of Wi-Fi hotspots in common areas that allow free access to wireless internet. Today, Granville has a modern control center designed with the latest technology, ready for future expansion and integration with other systems, thus ensuring an excellent return on investment.

To Denivaldo Gomes, CEO of FOCOM Technology, “The whole project was implemented using cutting-edge technology and market-proven traditional brands and equipment, which maintains consistency with our mission: to provide effective technical solutions with high standards of quality. We congratulate all the residents, who now have a surveillance system that is equal to their needs and that is unquestionably one of the best and most modern IP video surveillance systems in the region.”

