

## Certainty in capturing any event.

To view all events regardless of the camera position, the Mato Grosso Bureau of Public Safety uses an Axis video surveillance system donated by a residents' association.



**Organization:**  
Alphaville Cuiabá  
Association/CIOSP

**Location:**  
Cuiabá, Mato Grosso,  
Brasil

**Industry segment:**  
City surveillance

**Application:**  
Safety and security

**Axis partners:**  
Ausec, Genetec, Witelcom

### Mission

The city of Cuiabá had an urban video surveillance system, but it was limited in terms of its number of units. The set of 102 cameras was insufficient to cover all the areas that required surveillance, and sometimes incidents failed to be recorded because when events started happening the cameras were facing in another direction. It was clear that the Mato Grosso state Bureau of Public Safety needed to increase the number of cameras in Cuiabá and Várzea Grande that were integrated into the CIOSP—the Integrated Public Safety Operations Center. However, the state government did not have funds to do so.

### Solution

The Bureau of Public Safety decided to make an appeal to neighborhood, labor, and business organizations, issuing an invitation that established guidelines for the donation of cameras for use in areas not covered by the municipality's 102 units.

The Alphaville Cuiabá Association provided three AXIS Q6044-E Network Cameras, all integrated with AXIS Q6000-E and managed by Genetec software. The project was designed and executed by the integrator Ausec, an Axis partner in Cuiabá, using Witelcom radios.

### Result

The partnership between Alphaville Cuiabá and the CIOSP resulted in a significant reduction in police response time to incidents, thanks to the ease in viewing events. Cuiabá became one of the first cities in Brazil to utilize AXIS Q6000-E cameras, which can monitor in all directions simultaneously without losing any detail. The Bureau of Public Safety now plans to install the same technology elsewhere so it will have continuous images of the surrounding environment.

**“With this system already in operation and serving its purpose, we’ve seen that the Axis products are well accepted by CIOSP staff and ensure that all the objectives underlying the project scope have been fully achieved.”**

Sergio Lermen, Security Director of the Alphaville Cuiabá Association.

### The advantage of being an early adopter

When the appeal for donations was published, the Alphaville Cuiabá Association showed a keen interest in cooperating, and it wound up providing the CIOSP with technology that was better than what was had been requested in the appeal.

“From the beginning the project was challenging, given its pioneering nature,” said Sergio Lermen, Security Director of the Alphaville Cuiabá Association. The AXIS Q6000-E solution, which is able to continuously display a wide scene regardless of the movement of the PTZ camera, offers four lenses, each with 2 megapixels of resolution.

The AXIS Q6000-E used in Cuiabá is compatible with all AXIS Q60 PTZ cameras, ensuring the display of a wide 360° environment on screen at the same time the PTZ unit zooms in to find details displayed on another screen, working together in an integrated manner. The high-definition images allow a detailed and comprehensive view of events in all directions, 24 hours a day.

The cameras are arranged to monitor an area that sees a large amount of vehicle and pedestrian traffic, which is home to the condominium, along with a shopping center and a parking lot. The images are linked to the CIOSP, which is responsible for coordinating integrated response to incidents and facilitating residents' access to emergency services. The CIOSP also houses the Vehicle Dispatch Center and the 190 and 193 emergency number call center.

The cameras are connected via optical fiber to the Point-to-Point (PTP) radio, which forwards the encrypted images to the CIOSP. These radios, provided by the Norwegian manufacturer and Axis partner Witelcom, handle the PTP link between the Association and the CIOSP.

### Local support for innovation

Seeking to increase the area monitored by security forces without using public funds, the appeal for donations ensured the mutual interests of government and the private sector. “In addition to strengthening police prevention and intelligence work, these images enable proactive involvement by the military police. They also allow businesses to be warned of suspicious activities and to be assured of an immediate response, without having to wait for a vehicle to arrive at the location,” explains Wagner Figueiredo, Director of Ausec, the integrator who handled the project.

The project was facilitated by the fact that both Mato Grosso state Bureau of Public Safety and the Alphaville Association itself have been Ausec customers since 2006. Both were already using Axis network cameras and video encoders.

“The thing that encourages us to work with Axis is all the support we receive through the Pre-Sales and Engineering departments, who work in close cooperation with us and believe in our ideas. Because we are an Axis channel, we can always consult the company's Sales and Engineering departments, which makes us feel reassured,” says Figueiredo.

