

São Mateus Complex adopts advanced IP solution.

Medical and business venture in Fortaleza, Ceará, uses 100 Axis network cameras with intelligent alarms and bidirectional audio.



Organization:
São Mateus Complex

Location:
Fortaleza, Brazil

Industry segment:
Commercial

Application:
Access control, safety
and security

Axis partners:
Imagem Segurança,
Anixter, ISS

Mission

The São Mateus business complex was launched as one of the most innovative enterprises in Fortaleza, Brazil. It covers 60,000 square meters, including the São Mateus Hospital, two towers of clinics, doctors' and business offices, an events center, auditoriums, conference rooms, seven floors of parking and a helipad. When the first tower was inaugurated, the customer saw the need to adopt a solution that was compatible with the complex's modern design and large scale.

Solution

The São Mateus Complex is a new structure so it contracted development of its complex IT environment to Imagem Segurança, an Axis integrator partner; the contract included everything from wiring ducts to the installation of cabling, servers, UPS, switches, firewall and software, plus training and an annual maintenance contract.

50 AXIS M1031 Network Cameras operate over this infrastructure in each office tower. The solution is managed using software from ISS, another Axis partner.

Result

The alarms sound when abnormal situations are detected, meaning that the security team does not need to be constantly following all the images. Cameras are installed in the main traffic areas for people, such as halls, corridors and elevators, and provide enhanced security for the complex.

"The network surveillance system has allowed us to enjoy greater control, safety and comfort. The Axis cameras are an essential support for the security team, and their innovative features have allowed us to implement a long-term project."

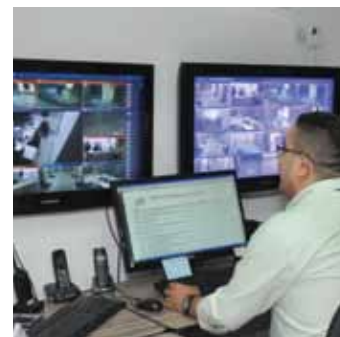
José Avelino Portela Filho, assistant facilities manager for the São Mateus Complex.

Moving away from analog

Initially, the São Mateus Complex developers wanted to implement an analog video surveillance solution. However, when the integrator, Imagem Segurança, introduced them to the benefits of the IP environment, the developers opted for the latter alternative. The investment was justified by the solution's features and its capacity to meet the needs of the modern undertaking.

The images are monitored in the complex's control room and at workstations at the building reception desks. The system generates alarms when it detects movement of people outside the permitted time periods—after 11:00 p.m. — so that the complex's security team can approach the visitor and check on the situation.

One of the two towers, called Health Tower, has over 180 rooms and is connected to São Mateus Hospital and to the diagnostic centers - endoscopy, cardiology, pathological analysis, hemodynamics, chemotherapy, clinical analysis and diagnostic imaging. The building also has a business and events centre with auditoriums, meeting rooms and an outdoor area. The second tower, called the Office Tower, has the same infrastructure of rooms and business spaces, plus a large reception area; it serves as the administrative headquarters for many companies and professionals attracted to the country's major centers.



The integration of ISS software with Axis network cameras at the São Mateus Complex allows the use of distinctive features such as audio greetings that offer a "good morning," "good afternoon" or "good evening" (depending on the time of day) whenever it detects the presence of visitors in the building atrium.

