

Pacatuba State Prison adopts IP platform. State-of-the-art security surveillance system with Axis network cameras.



Organization:
Francisco Hélio Viana
de Araújo State Prison

Location:
Pacatuba, Fortaleza,
Ceará, Brazil

Industry segment:
Prisons/Correction
centers

Application:
Safety and security

Axis partners:
Imagem Segurança,
Anixter, ISS

Mission

With a mission to house about 500 prisoners sentenced to closed regime, the Francisco Hélio Viana de Araújo State Prison, in Pacatuba, Metropolitan Region of Fortaleza, needed an extremely robust security system. Through funds from the Ministry of Justice and Treasury of the State of Ceará, a modern security platform was implemented with the latest equipment which includes everything from Axis network cameras and motion detection features, to access control and much more.

Solution

The experience of the integrator Imagem Segurança in the segment of network video and the niche of prison security was critical to the success of this project. The prison is a pioneer in the implementation of an integrated security solution - bringing IP video surveillance system with network cameras, a feature that detects motion and face recognition software and access control solution. The project includes 180 Axis network cameras, largely HDTV with high definition images.

Regarding the models of equipment, the prison has 30 AXIS P1344 Network Cameras which offer HDTV video quality, four AXIS P5534, six AXIS M1054 and the remainder are AXIS M1011. Imagem Segurança appointed specific camera models for every need (internal or external environment, day and night, etc.), always taking into consideration the high image quality, access to information in real-time, scalable design and maximizing the work of the IT staff.

Result

Axis network cameras provide high quality images, ease of system management and greater comfort for the security team due to the alarm features that eliminate the need for attention to the screens all the time. The network cameras monitor the internal and external perimeters and the movement between points of collective facilities. Plus, in order to enhance the security of the network cameras themselves, steel boxes were installed on some models to combat vandalism.

"The main advantages of this design are the simple way to operate the system and the seamless integration of the entire security project: the network cameras with access control solutions, the face recognition software, etc."

Mário Jorge, responsible for the project at SEJUS – Department of Justice.

Francisco Hélio Viana de Araújo State Prison was designed based on the latest technology and received a security platform, implemented by integrator Imagem Segurança, which serves as a model for other jails in the country. The Ministry of Justice and the State Government was keen on investing in a modern and secure environment, allowing full security to all staff, visitors and inmates. In this sense, the project involves - seamlessly - innovative equipment that includes: Axis network cameras, face recognition software from ISS, motion detection features, access control solutions and infrared cannons on the ramparts.

Axis network cameras, together with the ISS Securos software, monitor the internal and external perimeters and the movement between points of collective facilities. Securos software is responsible for capturing faces at all turnstiles (revolving doors). The prison provides a comprehensive monitoring system. The unit is divided into eight points of collective facilities and has 20 vacancies for individual isolation. It has the modules of Legal Treatment (in which are held legal and social care for prisoners in custody); Healthcare (pharmacy, nursing, medical and dental offices); Education (classrooms with capacity for 120 students, library and computer room); and Labor (for workshops and work activities). The unit also has an industrial kitchen, bakery and multipurpose hall for social activities.

