Miguel Servet University Hospital.
Improvement in the surveillance system thanks to Axis.

Organization:
Miguel Servet
University Hospital

Location:
Zaragoza, Spain

Industry segment:
Healthcare

Application:
24/7 video
surveillance of
hospital's critical
areas

Axis partners:
DeInta, Milestone

Mission

The Miguel Servet University Hospital had no form of theft protection facility or surveillance system. As the hospital was exposed to a high risk level because of its layout and the number of people entering the premises each day, the decision was made to install a video surveillance system. The system would be manned 24 hours a day by surveillance staff in a new control center, to monitor the critical hospital areas.

A spate of property thefts of every kind, amounting in one particular case to 6,000 Euros (approximately US$ 6,000) in a single month, hastened the installation of the video surveillance system. The aim of the project was to provide the hospital facilities with an image capture and recording system that could be easily integrated into the hospital infrastructure.

Solution

After a number of meetings between the hospital staff and the integrator, DeInta, it was decided to install a network video system. The main reasons for choosing this system were its flexibility and scalability. Because of the particular nature of the main hospital building it was decided to proceed with the installation in several stages, something that would have been very complicated had an analog CCTV solution been chosen. Initially, network cameras were installed in the main corridors to monitor all the hospital entry and exit points and were connected to the building's network. In the second stage, a dedicated VLAN (Virtual Private Network) was created within the main network. A storage server was then installed to store the video feeds sent by the cameras. The system currently comprises: 15 AXIS 2110, 2 AXIS 211, and 1 AXIS 210 Network Cameras, 6 AXIS 2411 Video Encoders and Milestone XProtect® software.

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"Since the video surveillance system was installed, the improvement has been absolute; from an average of one theft a week, we had none during the first 5 months the system was operating. We also have peace of mind knowing that, with the new digital video surveillance system, the new control center and the security staff, the hospital is being constantly monitored."

José Ramón Vera, Security Section Manager, Miguel Servet University Hospital.

Result

The purpose of the system was to monitor the more troublesome areas of the building in order to minimize incidents by discouraging theft and enabling investigation of any incident that might not be prevented.

The project has provided the conditions and features requested by the hospital, and represents the initial stage in its security coverage plan.

High performance

> Remotely-monitored areas.
> Real-time display.
> Multi-user access, and management of user authorizations.
> Possibility to see and record several cameras at a time.
> Highly scalable and manageable systems.
> Continuous recording programming.
> Broadband communications support.
> Support for existing analog CCTV systems.
> Remote Pan/Tilt/Zoom and iris control (depending on camera model).
> Compatible with mobile phones and PDAs.
> Recording and review of images generated by sensor or alarm triggering.
> E-mail and SMS notification system.
> Image storage for access control functionalities.

Future expansion

A similar system is also planned to be installed in all the new buildings being constructed on the hospital site and to extend existing infrastructure to additional, vulnerable floors and other critical areas.

The company

The Miguel Servet University Hospital was opened in 1955 and, throughout its history, has undergone several stages of modernization and improvement to its facilities. It now has a capacity of 1,345 beds and 28 operating rooms. It has a staff of 4,800, of which 1,500 are non-medical, 2,600 are non-professional medical and nearly 700 are professional personnel.

DeInta S.L., a partner of Axis Communications, is a technology company located in Zaragoza, Spain. They develop, design and install communications and audio-visual systems.

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