

## Catholic Church opens hotel in Aparecida with Axis cameras. First hotel video surveillance project by integrator Sillis with Axis support.



Organization:  
Rainha do Brasil Hotel

Location:  
Aparecida do Norte,  
São Paulo, Brazil

Industry segment:  
Hotel/Restaurant/Tourism

Application:  
Hotel management  
and security, remote  
monitoring

Axis partners:  
Delta Cable, Digifort,  
Sillis

### Mission

Brazil is considered the largest country in the world in number of Catholics. Over 60% of the population declare themselves as Catholics, and most of them keep to tradition. One of the traditions still cultivated today is the pilgrimage to Aparecida do Norte, a town in the state of São Paulo, where the second largest Catholic church in the world is located. About 10 million pilgrims visit Aparecida every year, and there was a strong demand for suitable - and safe - accommodation for all these people.

### Solution

Rainha do Brasil Hotel was built to meet this demand. The administration chose an IP video surveillance system throughout its 15 floors, for which were installed 106 Axis network cameras, managed by the Digifort manufacturer software, an Axis partner. The project included HDTV cameras with WDR and day/night functionality.

### Result

Besides ensuring the safety of the guests, the project began to work as a management tool, allowing for the quality control of the service delivered by the teams of workers. At other times, the system also allowed for identification of responsibility in incidents, making conflict resolution easier.

"The network video system also helps us control the quality of work of the teams that are part of the workforce."

Engineer Alfonso Aurin, Technology Consultant for the Church.

## A 5 star solution

For Rainha do Brasil hotel, which has 15 floors, it was necessary to unify the entire system in order to be able to view the images from any camera from the security room or any other part of the local area network. "We understood that the IP technology was the most flexible, though it represented higher costs. The client terminals could be installed in any location with network availability – as well as the new cameras," says engineer Alfonso Aurin, Technology Consultant for the Church. The project was an ideal opportunity for integrator Sillis to start its activities in electronic security in the hotel segment.

It was also important to store the images for any investigation. "The system has already helped in an incident involving a child left at children's swimming pool who fell into the adult's. With the recording, it became clear that besides the human element of responsibility, that we should consider some barrier to prevent further accidents," says Aurin. Plus, the project allowed integration with the access control system and the alarm management.

The system had to be able to automatically identify any unauthorized repositioning of the camera or blocking of its images. Given these requirements, the integrator Sillis sought the support of Axis Communications, which has offices in Brazil since 2007. "We've chosen Axis because we wanted to offer our customers a solution for video surveillance cameras with a guarantee of quality and durability already recognized in the market, plus the cost-benefit," explains Marcel Minotelli, Sillis Technical Director. "Another crucial aspect was the easy access to information, which helped us in our analysis to select the Axis products that best fit the needs of our clients."

## A model for each situation

The system provided by Sillis to Rainha do Brasil Hotel, through Delta Cable, allows the use of a control table from which the cameras are controlled. All interaction with the operating system is done via a simple and intuitive graphical interface, thanks to Digifort software, eliminating the need for high-end technicians.

In each of the five elevators, one AXIS M3113-VE Network Camera was installed. This dome camera with anti-vandal features has WDR, which provides automatic correction in mixed-light environments such as elevators. Both in the mezzanine and in each of the floors two Axis models were used – AXIS M3113-VE (the same dome model of the elevators) and AXIS M1013, which is a fixed dome camera. In the case of the mezzanine there were 15 cameras in total. On the floors there are four cameras on each.

AXIS M3113-VE was also installed on the ground floor, where the reception is located. There are ten more cameras there, just like the ones in the elevators. Furthermore, the ground floor has eight other cameras: four AXIS M1013, two AXIS P3304 (strategic model for the reception of a hotel by offering excellent video quality including HDTV 720p, increasing the possibility of face recognition) and two AXIS P3343-VE – domes with anti-vandal protection and day/night functionality, for locations with very low light, as well as the WDR feature. "What caught our attention is the capacity to monitor desired areas without the use of PTZ cameras," highlights Aurin. Finally, in the penthouse area, where the hotel swimming pool is, the surveillance is done by six AXIS P3343-VE and two AXIS M3113-VE Network Cameras. Total of the project: 106 cameras.

## 100 cameras in 3 days

"The installation process was smoothly. We already had all network points installed and mapped. In order to speed up the process, we configured all Axis cameras with IP and identified them with a number on each box. The installer checked the number of the box with the camera position on the map of the hotel layout, and the cameras were installed in three days. The Digifort system was previously configured, and each camera installed was automatically recognized in the system and entered into operation as plug-and-play," says Marcel Minotelli, Technical Director of Sillis.

