

Pituaçu Stadium becomes a model for the 2014 World Cup. A 100% digital video surveillance system allows the stadium to host more events and increase turnover.



Organization:
Roberto Santos
Stadium, Pituaçu

Location:
Salvador, Brazil

Industry segment:
Leisure and
entertainment

Application:
Stadium surveillance

Axis partners:
Digifort, Flashnet,
Network1

Mission

Inaugurated on March 10, 1979, the Roberto Santos Stadium, better known as the Pituaçu Stadium, located in Salvador (in the state of Bahia), Brazil, didn't have a single video surveillance camera, inside or outside of the stadium. The lack of security resulted in a high number of conflicts between organized supporters, complaints of thefts inside the stadium and a relative delay for the Military Police to intervene on behalf of the victims.

Solution

The stadium has undergone renovations at the cost of R\$ 55 million, the final stage of which comprised the installation of 115 Axis network cameras. All the cameras are IP, making Pituaçu the first 100% digital stadium in the country. The integrator Flashnet, Axis partner in the region, was responsible for the project. The 115 Axis network cameras include 10 AXIS Q6032 Network Dome Cameras, 78 AXIS P3343 and 27 AXIS P1343 Network Cameras.

Result

The Pituaçu stadium, in the assessment of the Ministry of Sports Commission, has the most modern camera surveillance system of any stadium in Brazil today. With a more secure arena and the ability to identify any incident, the stadium can apply to host sporting events of great importance or events from other segments such as conferences and conventions, thereby increasing turnover. Currently, Pituaçu is one of the candidate stadiums in the state of Bahia to become an official training center during the FIFA 2014 World Cup.

"So far, in all matches that have been contested at the stadium since the inauguration, there has not been a single fault in the installed equipment. Our internal security personnel as well as the Military Police are very satisfied."

Hélio Ferraro, director of Pituáçu Stadium.

Intelligent future

One of the long-term plans is to allow the images from any one of the 115 cameras to be shown, for example, on the big screen in the stadium. Currently, the big screen shows only graphics, such as the game scoreboard or pre-defined information concerning cards given by the referee during the match.

This is the largest big screen in Brazil, according to Hélio Ferraro, with a full color display of very high definition, using LED technology and measuring 7x10 meters, with the scoreboard measuring 16x1.2 meters in comparison.

"If the operator detects the beginning of hostility in a section of the grandstand during the match, he can put this image on the big screen so the police themselves can identify those involved more easily and this can help to avoid conflict, perhaps also including an audio message. In addition, the images from the cameras can show the supporters commemorating after a goal, interacting with the public and improving the entertainment facilities at the location," affirmed Marcone Cerqueira from Flashnet.

"It is possible to implement a facial recognition system associated with the turnstiles which provide access to the stadiums," explains Marcone Cerqueira, director of technology at Flashnet. "The private parking area, used specifically by partners, directors and the press, can benefit from vehicle license plate recognition," he envisaged.

