

Vinci Park consolidates its video surveillance systems thanks to Axis.

The vehicle parking centralization system developed by Deinta makes it possible to integrate management and monitoring into a single control center.



Organization:
Vinci Park

Location:
Zaragoza, Spain

Industry segment:
Transportation

Application:
Parking lot surveillance

Axis partner:
Deinta

Mission

Vinci Park España is a subsidiary of the French multinational specialized in infrastructure concessions for Vinci Park car parking facilities. According to new European legislation, it has set a goal to centralize the management and monitoring of its seven vehicle parking facilities in Zaragoza from a single control center. Other vehicle parking facilities they own in other cities in Spain will be joining this process soon.

Solution

To carry out this technological upgrade process for its infrastructure, Vinci Park contacted Deinta, an integration company that it has maintained an eight year collaborative relationship with.

Deinta focused on completing objectives with two lines of different but complementary work.

First, it conducted a technological migration and integration process for each of the parking facilities for their remote management via IP, providing 4 MB bandwidth service between each of them, and thus enabling the system to support the data flow resulting from the interaction with the various devices that comprise it: cameras, PA systems, technical alarms, electrical systems, fire control, intercom, barriers, ATMs, vending machines, etc. The management and control station was set in the Audio-rama parking facility. To configure it, a DPC was outfitted with the installation of management racks and an eight-screen LCD video-wall for simultaneous display of the parking facilities and each of their areas of influence. SIGA, a system integration application for parameterization developed by Deinta, was used as a base platform to achieve the centralization of all the different systems for the parking facilities.

"We trust Axis solutions because it is a sound and standard product; we do not wish to place our customers in a dead-end street. By betting on Axis, we ensure the quality and the possibility that they can implement solutions from other manufacturers in the future."

Jesus Pola, Deinta's Managing Director.

The second line of work aimed at integrating the analog cameras installed in each of the parking facilities to the IP network. For this purpose, an array of AXIS 241Q Video Servers/Encoders was implemented in the six parking spaces where the analog cameras were already installed: approximately thirty cameras per installation. For the last parking facility, more recently built, both AXIS 216FD and AXIS 221 Network Cameras were installed. AXIS Camera Station software is used for the management of all the cameras from the control center. The software can record high quality digital video (Motion-JPEG and MPEG-4) in a continuous, scheduled, motion detection or alarm mode.

Result

It took a short time to notice benefits; via unified management from a common control center, the various systems found in the parking facilities can be easily used and managed, and all technical and human resources can be maximized, increasing security and avoiding possible isolated failures.

In the words of Alvaro Miranda, Director of operations for Vinci Park España, "the possibility of centralizing all of the country's centers in Zaragoza is being considered for a very near future. It was originally started here, and then we will follow with Zarauz and Burgos."

In this project, Miranda highlights the investments made by the company, "which resulted in a substantial improvement of the entire infrastructure of the parking facilities, with technical and technological renovation for all systems, especially in terms of installation and generators, fire control and alarms, meeting the new safety regulations with complex integration."

About Deinta

Since 2001, Deinta offers its clients its extensive experience in the audiovisual field, and in electronic systems for communications and security. Developing efficient and effective customized solutions, Deinta has become a clear reference for meeting specific customer needs in different fields of activity.

