Puy du Fou® has innovated for 10 years with Axis Communications IP security solutions.

Puy du Fou bets on Axis for its offerings in video surveillance, access control, internet telephony and audio to provide security to visitors, employees and infrastructures.

Organization:
Puy du Fou®

Location:
Les Epesses, France

Industry segment:
Tourism

Application:
Site security, logistics operations, access control

Axis partners:
I3S Intégration, Genetec

Mission

Awarded five times worldwide, Puy du Fou is a remarkable popular success with 2.3 million visitors in 2018. To keep the visitors, employees and infrastructures safe, and to manage the flow of logistics and entry of personnel, the park needs to complete its Axis security system with innovative new technologies. The needs have evolved over the years, and the team in charge of the park's security has to adapt to the challenges of securing new shows with surveillance by drones and other devices.

Solution

To respond to trends in the park's performance Cinéscénie, AXIS P1435-LE Network Cameras have been deployed to survey the drones 350 meters in the air, along with AXIS P1367 Network Cameras to zoom onto the scene and provide surveillance of fireworks after they are launched. To manage the flow of suppliers, Axis speakers are installed at three sites heavily frequented by semis.

They help assist the drivers verbally and smooth out traffic if there is a jam. Also noteworthy is adoption of AXIS Q6000-E PTZ Network Cameras with AXIS Q6044-E PTZ Network Camera (replaced by AXIS Q6054-E) used each day for monitoring the walkways to measure the flow of pedestrians and optimize organization of visitor reception. IP AXIS A8004-VE Network Door Stations are installed with AXIS P3225-LVE Network Cameras to eliminate doubt if someone forgets their access badge.

Result

Today 300 Axis IP cameras are installed all over the site and cover almost the entire park. Between now and 2020, between 80 and 100 additional cameras will be installed to respond to the park's expansion and to innovations in the shows. The goal is still to minimize the time for detection and for bringing assistance to the operators on site.

AXIS
COMMUNICATIONS

Awarded five times worldwide, today Puy du Fou is a remarkable popular success. Better attended every year, more than 2.3 million visitors came in 2018 to travel through time. To keep visitors, employees and infrastructures safe, and to manage the flow of logistics and entry of personnel, a security system covers more than 100 hectares. For more than 10 years, Puy du Fou has bet on Axis for its offerings in video surveillance, and more recently, access control, internet telephony and audio.

In 2008, the first Axis camera was deployed at Puy du Fou by Jean-Marie Laurent, commercial director of I3S Intégration. To help the directors better manage the shows and to ease the work of security agents on site, he suggested using the IP network to avoid installing new coaxial cables. Growth of bandwidth requirements, resources, resource technology (Multicast) and servers was anticipated during the various study phases.

One of the most emblematic projects was development of the video security installation for the world's largest nighttime spectacle: Cinéscénie. Every night, 13,200 spectators and 4,000 volunteer actors move in, plunging into the darkness under an open sky. It was necessary to install 35 workstations dedicated to monitoring camera images to allow rapid response in the event of an incident, guide emergency services to the safety station for spectators who fall ill, and to guard movement of pedestrians near the stands — especially in the event of an evacuation. In 2017, the show grew and now integrates synchronized drones in the staging. It's an additional challenge for Puy du Fou security directors Laurent Marin and Jean-Marie Laurent. They deploy AXIS P1435-LE Network Cameras to survey the drones 350 meters from the ground, along with AXIS P1367 Network Cameras to zoom onto the scene and provide surveillance of fireworks after they are launched.

Today 300 Axis IP cameras are installed all over the site and cover almost the entire park. Moreover, several analog cameras have been retained and are connected to the network by Axis video encoders.

Needs have grown over the years, and Puy du Fou wanted to innovate by installing the latest Axis technology. Also noteworthy is adoption of AXIS Q6000-E PTZ Network Cameras with AXIS Q6044-E PTZ Network Camera (replaced by AXIS Q6054-E) used each day for monitoring the walkways to measure the flow of pedestrians and optimize organization of visitor reception. Another example is the use of embedded image analysis in the cameras to create intelligent solutions that make it easier for security personnel to act.

Why did I3S Intégration and Puy du Fou work with Axis to renovate the system?

"To begin with, the evolution of Axis products meets all the expectations of security personnel and the needs of the areas to be visualized at Puy du Fou. For example, the processor for the cameras at Cinéscénie, installed in 2013, was not powerful enough to handle the abrupt changes in lighting. In 2017, Axis offered us cameras with new functionalities that allow filming successfully under the same show conditions, and Puy du Fou accepted. Then the evolution of Puy du Fou's firmware allowed the older cameras to be kept. The 2009 cameras are still compatible with a version update we made during our maintenance visits twice a year, depending on need. The previous investments were therefore not brought into question," explains Jean-Marie Laurent, commercial director of I3S Intégration.

Satisfied with the functionalities offered by Axis network cameras, and preferring to work with a single supplier, Jean-Marie Laurent began deploying access control in 2017 to manage the flow of entering employees and volunteers.

AXIS A8004-VE Network Door Stations are installed with AXIS P3225-LVE Network Cameras to eliminate doubt if someone forgets their access badge. The products are connected to Genetec Synergis, an Axis/Genetec solution with the advantage of local autonomy if there is a software or network disruption. The reconnection and the access history is reestablished and transferred automatically.

To manage the flow of suppliers, Axis network speakers are installed at three sites heavily frequented by semis. They help assist the drivers verbally and smooth out traffic if there is a jam.

"The more we advance, the more we see that the system is reliable, because we use the cameras in a more intelligent, refined manner, using image and data. In many situations, we reduced analysis time for an event that would have taken up resources, and we could quickly send out the corresponding staff (...). Now the various Axis solutions make things comfortable for the surveillance agents. We think Axis will continue providing the same ease of use and new technologies to respond to our future needs," says Laurent Martin, director of security and Puy du Fou.

Between now and 2020, between 80 and 100 additional cameras will be installed to respond to the park's expansion and to innovations in the shows. The goal is still to minimize the time for detection and for bringing assistance to the operators on site.

About Puy du Fou
http://www.puydufou.com/en

Created in 1978, Puy du Fou is a completely different kind of theme park. It has twice been voted "world's best park" in March 2012 in Los Angeles (Thea Classic Award) and again in November 2014 in Orlando (Applause Award). Today it is France's number-two theme park. Puy du Fou is a group mainly composed of an association under the 1901 law and a simplified joint stock company. The association organizes the Cinéscénie show with 4,000 volunteers and owns the joint stock company, which manages the main park (63 shows day and night, 4 period villages, 22 restaurants and 5 theme hotels). Since its creation, Puy du Fou has seen continuous progress thanks to its artistic audacity and continuous investments.

About I3S Intégration
http://i3s-integration.eu/

Created in 2015 by Jean-Marie Laurent, I3S Intégration designs, implements, maintains and develops security solutions for protecting sensitive or famous clients. The system integrator operates in western France and in 2018 joined the EGUZKI group while maintaining management autonomy and pursuing commercial growth.

About Axis Communications

Axis enables a smarter and safer world by creating network solutions that provide insights for improving security and new ways of doing business. As the industry leader in network video, Axis offers products and services for video surveillance and analytics, access control, and audio systems. Axis has more than 3,000 dedicated employees in over 50 countries and collaborates with partners worldwide to deliver customer solutions. Axis was founded in 1984 and has its headquarters in Lund, Sweden.

For more information about Axis, please visit our website www.axis.com..

For more information on Axis solutions, visit www.axis.com
To find a reseller of Axis products & solutions, visit www.axis.com/where-to-buy

AXIS®
COMMUNICATIONS