

Amore Pacific uses Axis network cameras for round-the-clock security. High-resolution Axis network cameras enable monitoring of the laboratory, logistics building, and entire base.



Organization:
Amore Pacific

Location:
Osan, Gyeonggi
Province, South Korea

Industry segment:
Industrial/Manufacturing

Application:
Access control and
video monitoring

Axis partner:
Siemens

Mission

Amore Pacific Osan Integrated SCM (Supply Chain Management) Base is a large-scale plant built in July 2011 with the goal of becoming one of the 'Top 10 Cosmetics Companies in 2015, with sales of KRW5 trillion' and effectively coping with an ever-expanding global business. Osan Integrated SCM Base is a huge plant: the lot size is 224,400m² with a building area of 89,009m² housing environment-friendly production, logistics, and loading facilities. In addition, this world-class facility manufactures 15,000 tons annually and ships 60,000 boxes daily. Immediately after its completion, for efficient maintenance and management of this large integrated base, it was necessary to monitor the logistics and technology inside the plant and laboratory, control visitors and be alert for intruders.

Solution

It is not easy to effectively monitor this large facility and closely restrict access. In addition, as the plant is divided into several quarters, i.e. the main building, the design building, the logistics building and the research building, it required a solution that would be capable of simultaneously monitoring the entire plant and individual quarters.

The need to monitor the real-time status of the plant, work situations and outsiders and to protect products and research technology was of the highest priority. To resolve this issue, Amore Pacific adopted the Siveillance Fusion system from Siemens for the purpose of monitoring key locations and managing access to the facility, and introduced an Axis network camera solution to effectively monitor a wide area and reduce costs.

Result

The Amore Pacific SCM Base in Gyeonggi Province installed AXIS 233D, AXIS P1311 and AXIS 216FD Network Cameras to implement a system capable of real-time monitoring and efficient access control of the entire facility. The solution with the PoE (Power of Ethernet) function transmits high-resolution images and enabled simultaneous power supply via the network cable, thereby ensuring convenient installation and reduced costs.

"We implemented an effective video surveillance system by integrating the Axis network cameras with the Siemens system. Amore Pacific is now always ready to respond to potential incidents and accidents while protecting the operations of the base and plant. Consequently, we have exceeded our targets in production and sales, and solidified our foundation for transforming Amore Pacific into a global corporation."

Amore Pacific.

In particular, Siemens' Siveillance Fusion system made it possible to effectively control and manage system users at various levels, from security managers inside the company to outsourced guards, thereby adding outstanding flexibility and efficiency to security. Combining the Axis network cameras and the Siemens Siveillance Fusion, they built a system that satisfied the technical requirements and reduced costs, ensuring perfect security for the Osan SCM Base, and helping it achieve its dream of becoming the world's best production and logistics hub.

Network cameras make it possible to quickly grasp site situations

Amore Pacific placed the greatest emphasis on sizing up situations at the site quickly and accurately in implementing the video control system at the Osan Integrated SCM Base. They needed a system that could not only effectively control outsider intrusion, but also save the images in case of an incident.

To cover the wide area of the Osan plant of Amore Pacific, they selected the effectively designed IP-based Axis network cameras that are not burdened by excessive cabling. Accordingly, they installed network cameras in appropriate locations of the 7 quarters, including the logistics building, the research building and HQ to enable real-time monitoring. As the central control room conducts monitoring in real time, they implemented a system that can quickly grasp the situation at the site and take appropriate action in case of an incident.

High-resolution video data is efficiently saved and integrated

Amore Pacific installed multiple types of network cameras at the Osan Integrated SCM Base of Amore Pacific to satisfy the specific needs of each area. For surveillance of the area outside of the plant, they installed AXIS 233D PTZ Network Cameras, which have outstanding image quality and are capable of precise monitoring of objects as far away as 160m with 35X optical zoom and 12X digital zoom. Accordingly, it is possible to quickly and precisely respond to vehicles parked outside of the plant or external intruders. Also, inside the buildings and in frequently accessed areas, they installed AXIS P1311 Network Cameras, which are ideal for indoor monitoring because of their excellent image quality, along with AXIS 216FD Dome Network Cameras, which deliver outstanding professional indoor video and audio surveillance so that it is now possible to get real-time information on people entering and leaving the plant and monitor the situation throughout the site.

The surveillance images of the Axis network cameras are managed in connection with the Siveillance Fusion system, an integrated system from Siemens. As a result, the central control room can monitor the access control data of the Osan Amore Pacific plant, people entering and leaving the plant, and the 135 cameras at one glance so that it is possible to understand situations immediately, making more efficient and effective monitoring and management possible. In particular, the movement and voice recognition function of the Axis network cameras enable recognition of movement and noise after work. As the sound and movement are recorded only when triggered, a perfect uninterrupted security system is now available 24/7.



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CORPORATION

SIEMENS