

Axis HDTV cameras power Shiseido's cosmetic factory. Cosmetic factory following the latest wrinkle within network video surveillance.



Organization:
Shiseido Liyuan
Cosmetics Co., Ltd.

Location:
Beijing, China

Industry segment:
Industrial/
Manufacturing

Application:
Safety and surveillance

Axis partners:
Beijing Highstar Tech-
nology, Beijing CSVision
Technology Co., Ltd.

Mission

In the trend-sensitive cosmetic market, the new possibilities for increased effectiveness of production, operation and management has directly affected the productivity and cost control of Shiseido Liyuan Cosmetics Co., Ltd. (SLC). SLC management wanted to establish and develop an intelligent factory where the security surveillance in the workshops aims at safe production.

Solution

To ensure safe production, SLC installed the surveillance system throughout the factory. They chose AXIS 233D Network Dome Cameras, AXIS P1344 HDTV Network Cameras and a network video surveillance management platform software from CSVision.

The system is built to ensure scalability and future upgrades, as it is able to expand the viewing, recording and management channels to better meet customers' requirement on all-directional surveillance. The unified management on video, audio and alarm data at the platform doubles the effect of video surveillance.

Result

The network video surveillance system ensures personnel in the factory a timely and accurate understanding of the video information within their responsibilities; to further improve the IT-based safety management, work efficiency and emergency response speed.

"The features of Axis' network cameras, such as superb image quality, low bandwidth and low storage resource requirements, have met customer demands and reduced cost. Besides, we are reassured with its simple installation and 3-year warranty."

Cheng Kaowen, General Manager of Beijing Highstar Technology Co., Ltd.

To ensure safe production in the workshop, surveillance of important areas (i.e. product line filling room) and scanning in public areas is imperative. SLC installed the surveillance system in five workshops, one finished product warehouse and one warehouse corridor. The filling room and semi-finished product warehouse are the most important areas, while the packaging room and corridor are of secondary importance.

According to the requirements of governmental agencies and relevant demands of enterprises on safety production management, the system has been designed with comprehensive functions including information collection, transmission, storage, backup and control.

Scientific and reasonable design improves system scalability

In terms of video surveillance for SLC factory, relevant system design meets various requirements for compatibility and smooth expansion. It is compatible with the existing network for access and control of existing digital equipment.

The SLC factory network video solution carries out video transmission using an AXIS 233D Network Dome Camera, AXIS P1344 HDTV Network Camera and CSVision network video surveillance management platform software. The system design strictly complies with national and ministerial criteria, as well as it ensures scalability of system function and capacity to create a greater room for future upgrade and expansion.

Digital IP video enables high-definition surveillance

AXIS P1344 adopts advanced H.264 compression technology and provides multi-bandwidth management technology and 25 frames per second under 1080p resolution, thus minimizing bandwidth requirements and storage space and saving users' hardware investment. It beats standard-definition network cameras in terms of image quality and color representation.



Solution architecture

Backed by the network, the video surveillance system of SLC is equipped with AXIS P1344 and AXIS 233D Network Cameras at the front-end surveillance sites to collect video signals for compression and coding, then transfers the digitalized signals to the platform management server of the surveillance center for central management and storage.