

World's leading wetsuit supplier implements network video surveillance system.

SHEICO group increases its factory security management efficiency with Axis network video solution.



Organization:
SHEICO Group Co., Ltd.

Location:
Yilan, Taiwan

Industry segment:
Industrial/Manufacturing

Application:
Safety and security

Axis partners:
Zero One Tech, BO LIAN
Information Co., Aimetis

Mission

SHEICO Group is a manufacturing supplier specialized in water sports apparel. Through independent R&D and innovative technology, SHEICO creates neoprene rubber and supplies life jackets, buoyancy vest, elastic fibers, performance fabrics and sportswear and is now the world's leading supplier in wetsuit manufacturing. With its business growth and new factory expansions, SHEICO aimed to build a comprehensive surveillance system in all of its factories. To do so, SHEICO sought to upgrade its existing video surveillance system to a network camera system. This project was planned and executed by SHEICO headquarters' IT department. The mission was to search for a high quality and efficient video surveillance system, that was both flexible and easy to build.

Solution

After having conducted a series of vigorous testing and evaluation on the quality and performance of products from different brands, Axis was selected by SHEICO. The evaluation criteria included superior image quality, easy installation and global success cases reference.

In collaboration with its distributor, Zero One Tech and its system integrator, BO LIAN Information Co., Axis provided a solution that was adapted to different surveillance needs. More than 200 Axis network cameras are used for this solution, including different models from the following series: AXIS P33, AXIS P32, AXIS P14, AXIS Q17, AXIS Q60 and AXIS Q61. The Aimetis Symphony video management software is also integrated, to enhance security surveillance within all the factory areas and entries/exits. Thanks to the real time service and tech support offered by Axis and its partners, the IT team at SHEICO was able to complete system installation and upgrade on schedule, as well as further expansion plans.

Result

Axis has successfully implemented the remote video surveillance system for SHEICO headquarters and its factories. The completion of this project has indeed increased management efficiency and lowered related costs. This solution offers stable and high quality images.

“Thanks to the help of a professional team and Axis design tools, implementing and planning a network surveillance system is no longer search in the dark. It becomes an easy job for our network management staff to perform security tasks.”

Jason Lee, Division of Networking Management, SHEICO Group.

Creating a high efficiency and safe work environment

As the largest wetsuit supplier in the world, SHEICO Group owns several manufacturing factories in Yilan, Taiwan and around the globe. The company has always focused on creating a safe work environment for its employees. In the past, each factory has always opted for its own security system. Although the analog system was lower in cost, its performance in general was not able to meet the expectations. It also made expansion and maintenance a challenging task for IT staff.

In 2013, the group renewed its entire IT system to improve the network environment of each factory, as well as to facilitate management and maintenance from Taiwan HQ. To do so, the company introduces an IP installation. To achieve effective security goals and for US export purposes, the product must be fully compliant to the Customs-Trade Partnership Against Terrorism (C-TPAT) criteria. These criteria include: installation of proven effective security equipment on all factory entries/exits and sensitive areas, video records must also be kept for at least 45 days, and the possibility to provide surveillance from minimum 16 different videos. Due to these requirements, the group needed a solution that was fully compliant to the above conditions, so the IT team can manage and provide settings with ease.

Advanced technologies fully meet different needs

After having assessed the client's needs, Axis partners Zero Tech and BO LIAN Information created a solution that was fully tailored for SHEICO. Jason Lee, representative from Division of Networking Management at SHEICO Group said, “What took our breath away was the Lightfinder technology from Axis, with its ability to provide sharp images even during night time!” Thanks to the Lightfinder technology, security personnel can now easily monitor with clarity any movements and activities within the factory perimeters. Further, the Speed Dry function supported by AXIS Q61 PTZ camera is used specifically for the rainy weather in Yilan. The camera can rapidly shake off water drops, to avoid having video quality compromised by weather conditions.

In terms of video storage, Axis Zipstream technology can save up to 50% of bandwidth and storage requirements. Regarding system installation and maintenance, Axis offers a multifunction design tool, a platform that simplifies the complexity of system management. “The direct and efficient service offered by Axis and its partners makes it easy for our IT staff to conduct network surveillance – even for those who don't necessarily have a professional knowledge of network video. The IT staffs also have more time now to process other complex matters without having to worry about surveillance,” says Lee.

Intelligent video management software makes surveillance easy

Aimetis Symphony video management software is a very practical and convenient management tool. It offers full management services, allow fast video access and file search. According to Jason Lee, HR is one of the departments that benefit most from this service. From the management platform, HR can have an accurate view of employee presence and absence and the new system only takes a few seconds to access the desired video segment. This helps to eradicate any possible events of dispute, and also greatly reduces any cost and time spent on HR management.

Future installation plans

Regarding the increasing security and safety needs for its new factories and perimeters, SHEICO plans on implementing the new AXIS Perimeter Defender. This solution reduces false alarm and is fully compatible with the existing system, thanks to its highly flexible and accurate front camera intelligent video analysis. AXIS Perimeter Defender is already part of the planning for the company's next development phase. With a more comprehensive perimeter security measures, SHEICO aims to provide a safer work environment for its staff members, and to continue on product innovation and sustainable business growth.



AXIS Q61 PTZ Network Camera supports 360 degrees guard tour. When installed in a high area, it provides full view and reliable protection of the factory area.



SHEICO Group

ZERONE
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