

Surveon Ensures The Safety of Malaysia's Healthcare Services Provider with Reliable E2E Solutions

As one of Malaysia's leading healthcare services provider, its operational headquarters are crowded with people in most of time. In order to protect the visitors, staff and its assets with efficiency, the reliability of megapixel cameras and data protection of recorded videos are important to this project. With Surveon's end-to-end surveillance solutions, including 32 cameras with three different form factors, two professional NVRs with RAID protection for 30 days recording, and Surveon Enterprise VMS (CMS) with video analytics for active alarm, the offices, warehouse, cold storage, and the perimeter of factory are under solid surveillance protection to ensure safety and the services can be delivered with best quality.

Customer

The healthcare services provider is the leader in Malaysia healthcare industry, providing comprehensive services of delivery, storage and lab test facilities to customers. Due to the variety of equipments, operations and the open nature, its headquarters in Glenmarie needed to adopt a reliable surveillance system to monitor offices, warehouse, cold storage, and factory perimeter.

Challenges

The low temperature up to -15°C of cold storage challenges the cameras to function properly and record clear images. And for locations like offices, warehouse and the perimeter of factory need to be taken consideration due to its open nature. The potential risk, such as theft and injury, also needs to be paid attention from time to time. To eliminate possible accidents in the headquarters, the surveillance system is required to be able to warn the security guards to take proper action in time. Moreover, a reliable storage system that supports 24/7 continuous recording for 30 days is necessary in this project. The healthcare services provider wanted to install the enterprise-grade NVR to ensure long data retention period without video loss.

Solutions

Cameras for Wider Coverage and Extreme Low Temperature

Surveon outdoor dome camera CAM4471HEM supports 2048 x 1536 resolution at 30fps, true HDR and IP66-rated weatherproof which can well function under -40°C to 50°C (-40°F ~ 122°F). Installed atop of cold storage, Surveon CAM4471HEM cameras provide excellent image quality with lowest RMA rate to the customer.

The indoor dome camera CAM4411S2 and fisheye camera CAM7511 keep the offices in safe. For the spacious environment like warehouse and factory, Surveon compact bullet cameras CAM3461LV and CAM3451R3 and speed dome camera CAM6351 achieve full coverage of the entire interior to improve the safety and work efficiency.



Summary

Customer:
Neuron Biohub, Malaysia

Project Needs:

- Surveillance in extreme low temperature
- Solid video data protection
- Enterprise VMS with active alarm

Surveon Solutions:
Complete solutions with the following:

- CAM3451R3 compact bullet camera
- CAM3461LV compact bullet camera
- CAM4411S2 indoor dome camera
- CAM4471HEM outdoor dome camera
- CAM6351 outdoor speed dome camera
- CAM7511 fisheye camera
- NVR3308 Linux RAID megapixel NVR
- Surveon Enterprise VMS with video analytics

Surveon Solution Benefits:

- Hassle-free integration
- High reliability, low RMA
- Intelligent management

RAID NVR for Data Protection

Supporting up to 64-channel 5 megapixel recording, Surveon professional NVR3308 with 8-bay hard disks and RAID 1, 5, 6 data protection was chosen to provide large capacities for 30-day 24/7 non-stop recording with no video loss.

Enterprise VMS with Real-time Video Analytics for Active Alarm

The NVR3308 comes with Surveon intuitive Enterprise VMS with real-time video analytics. It enables security guards to take actions in time to protect people and goods from potential threats.

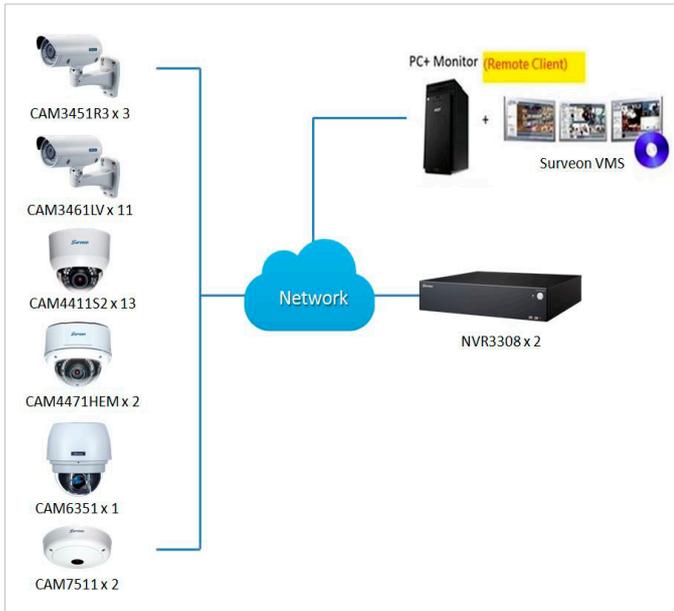


Figure 1: Distributed Architecture

Benefits

Hassle-free Integration

From IP cameras, network video recorders, video management software to storage, Surveon has them all ready and integrated, allowing customers to keep the investment on existing projects for future expansions.

High Reliability, Low RMA

All of Surveon cameras are with industrial-grade components and 3-year warranty to ensure long-term operations. Its quality can be proved by the extremely low RMA rate, and reliability can be assured.

Built-in with patent RAID protection, Surveon NVRs ensure non-stop recording without video loss. Furthermore, all of Surveon NVRs are 100% designed in-house and manufactured on Surveon's ISO 9001 and ISO 14001 certified production site to ensure its highest quality and reliability.

Intelligent Management

By performing the real-time analysis of the video stream, Surveon VA identifies and initiates alerts for various user-defined events, offering effective monitoring, detections, alerts, and responses to events for a variety of applications. Besides, the advanced electronic maps and expansion up to eight screens at the user-end can easily meet future demand growth.

"The cameras provide high quality images and the RAID NVRs protect the recordings without loss. Surveon's end-to-end solution gives an exemplary performance, and I'm sure we will continuously work with Surveon in the future." said Jantech Technology, Surveon's major partner in Malaysia.

About Jantech Technology

Jantech specializes in the wholesale distribution of access control, alarm, CCTV and auto gate systems. It provides reliable, flexible and cost effective solution to all types of domestic homes, corporate, government and heavy industries throughout Malaysia. For more information, please visit: www.jantech.com.my

About Surveon Technology

Surveon offers end-to-end network video surveillance solutions that showcase our expertise in professional camera design, RAID NVR, high-availability video storage, embedded firmware and video management software. All Surveon products are designed in-house and manufactured on our ISO 9001 and ISO 14001 certified production site to ensure the highest quality for our partners. For more information about Surveon vertical solutions, please visit: www.surveon.com