

Surveon's Enterprise-grade NVR Realized 180-day Non-stop Recording for Factory in Kuwait City

With raw material and goods that often time possess tempting monetary value, it is important for facilities to deploy an efficient surveillance system to protect their property and assets away from possible theft. The enhanced video quality of IP cameras and megapixel recorders are proved to be beneficial for various industrial facilities because of the wider monitoring area and longer recording period that are required. The factory in Kuwait City has deployed Surveon's IP surveillance solutions as their partner for security application, including 100+ megapixel cameras and 10 enterprise-grade network video recorders, which not only fulfill the need of wide-range monitoring, but also achieve 180-day non-stop recording, ensuring a strong protection for the safety in the factory.

Customer

When it comes to an effective surveillance system for factory application, megapixel solutions offer significant benefits for surveillance purpose as the clarity of images offers efficiency in monitoring and help prevent possible events such as intrusion in forbidden areas like production line or operation station. The factory in Kuwait also wanted to adopt megapixel solutions in order to meet their requirements, which are wide-range monitoring and 180-day non-stop recording.

Challenges

Due to the spacious environment and the limited number of security guards, not all the places in the factory can be well monitored. Moreover, it's challenging to plan a reliable system with sufficient storage to cope with large number of cameras that cover every critical area for 24/7 recording requirement.

Solutions

Large-monitoring Range Cameras

Surveon 3MP cameras, CAM3461LV and CAM3471HEV provide 1.5-time larger monitoring range at 30 FPS and allow the whole production line to be seen clearly. Meanwhile, Surveon 5MP cameras, CAM3571VP and CAM4521LV, ensure all details can be seen without any miss and its smart WDR feature makes image clear under low light conditions such as the gateway of factory.

Enterprise-grade Megapixel Recorders

Supporting up to 128CH 1080P full HD cameras with non-stop recording and 16-bay hot-swappable HDDs, NVR7316 is an ideal solution for industrial application. In addition, NVR7316 is able to expand the storage via local SAS port or iSCSI interface, making it suitable to projects that require long-term video retention.

Benefits

Good Image Quality and Reliability

Surveon has adapted the real-time frame rate in its 3 MP cameras providing 30 FPS and the 1.5-time larger monitoring range than Full HD cameras, giving the factory cost-effective options without installing other cameras for wide-range monitoring. Besides, Surveon cameras provide good image quality with smart WDR, allowing the security guards to recognize crucial details under low light condition. All of Surveon cameras are with industrial-grade components and the product quality can be proved by its extremely low RMA rate, giving partners a trust-worthy solution.

Non-stopping Recording for 180 days

Based on the client-server architecture, NVR7316 provides high I/O, large capacity, and the overall system stability needed in critical projects. Expanding the storage with local SAS port or iSCSI interface, NVR7316 allows 180-day recorded videos to be retained, keeping factory 24/7 in safe.

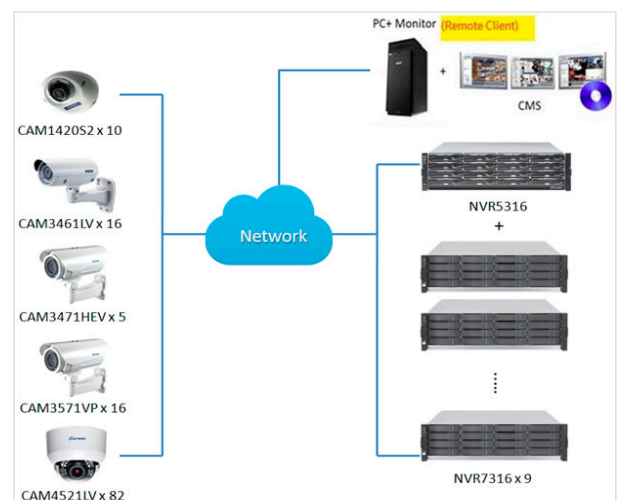


Figure 1: Distributed Architecture

"Surveon always can provide the affordable yet professional solutions for our projects. Without searching other solution providers for months, Surveon's total solutions have met all of our expectations and delivered the performance that is tailored to our needs!"