Surveon Works with a World Leading SI to Win Marine Projects with High Reliability Solutions

Deployed in critical marine environments around the globe, including warship, research vessel, commercial vessel, and ferries, Surveon reliable solutions offer advanced and high-level performance for military and ship owners, ensuring the safety of soldiers, passengers and goods. The world leading maritime and naval CCTV system integrator has chosen Surveon as their partner for surveillance application, and won many projects in Northern America, Europe and Far East Asia.

Customer

The international leading system integrator delivers advanced and reliable solutions improving safety, security and performance on- and offshore, merchant marine, subsea, navy, coastal marine, aquaculture, and provides training services to their partners. In past two years, the SI had adopted 424 Surveon cameras in the project, and is satisfied with the product quality. It keeps working with Surveon to provide its partner the most reliable products.

Challenges

Extreme Weather Conditions

The weather conditions on the sea are always changing, it can be challenging for the outdoor cameras to be able to function properly and record clear images all the time. Besides, the cameras installed in ships need to equip anti-corrosion housing, making it become hard to repair when it fails, so the reliability of camera is particularly important to the planning and acceptance of maritime security projects.

Integration with Hundreds of Cameras, NVR and VMS

The complicated integration and verification tasks not only consume many invisible resources, but also contain potential risks of integration. As any part of system could be the reason that makes the system fail, it takes efforts and time to find out the root cause, let alone if the system is composed of products from different suppliers.

Solutions

2MP Outdoor Cameras

Surveon 2MP CAM3371EM can handle harsh outdoor conditions, ensuring video footage can still be available in the environment of temperature from −40℃ (−40°F) to 50℃ (122°F) and 90%+ humidity. With advanced features such as P-iris and WDR, the cameras also can provide high image quality, making it become the ideal solution for maritime projects. In this project, the SI had adopted 424 CAM3371EM and used on 6 different systems, each system installed approximately 70 cameras.

Industrial-grade Design

Surveon products are designed in-house and manufactured on ISO 9001 and ISO 14001 certified production site to ensure the highest quality. The cameras are manufactured with industrial-grade components and its quality can be proved by the extremely low RMA rate.

Benefits

Excellent Image Quality

Surveon cameras provide excellent image quality with high resolution and smart WDR, allowing military and ship owners to recognize crucial details even under complex lighting contrast.

Hassle-free Integration

Surveon cameras are fully compatible with major 3rd party VMS, saving the efforts and time to integrate different brands of products, giving partners a hassle-free integration solution. That's why the SI had chosen Surveon cameras to integrate with Milestone VMS.

"Our customers are extremely satisfied with the quality and compatibility of Surveon products and we will keep working with Surveon for joint growth. It helps us to win many contracts from large ship builders in Northern America, Europe and Far East Asia." said the project manager of the SI.
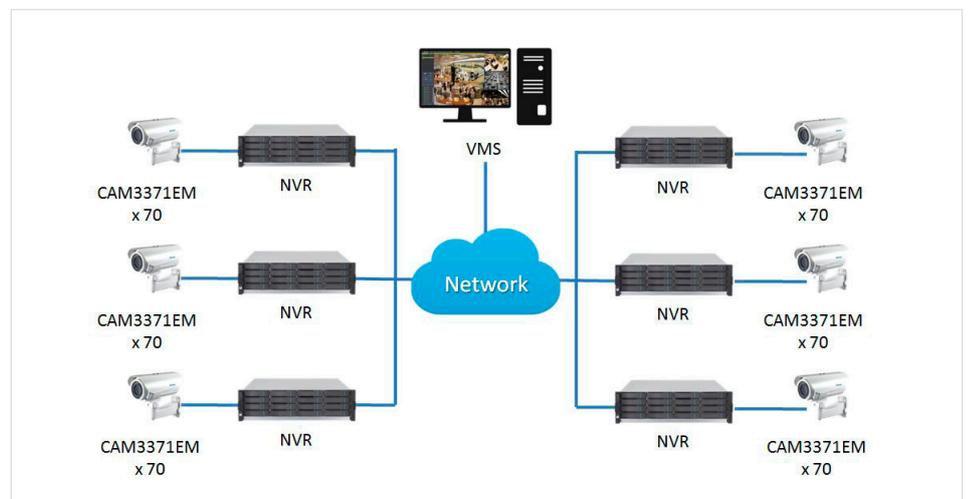

Figure 1: Distributed Architecture

Surveon
Complete Megapixel Solutions