STANLEY Security

IntelAssure™ *Powered by* Viakoo

Physical Security Service Assurance for Critical Infrastructure Sites

For critical infrastructure assets and locations, video surveillance provides a viable solution for detecting intruders and reviewing incidents. Investments in video systems continue to grow, with an annual increase of more than 20 percent in worldwide sales. The ongoing evolution to IP video surveillance requires new ways to ensure the stability of the underlying video systems; at the same time, the size and complexity of these systems is growing, making manual service an ineffective and costly burden for users. While most organizations focus heavily on managing video content, they do not recognize the importance of managing their video infrastructure until problems arise and costs escalate.

This challenge was the impetus behind the development of STANLEY IntelAssure™, *Powered by* Viakoo – the first automated solution for cost effective and proactive management of IP video network infrastructure.

With critical infrastructure, security challenges are multiplied. Given the large area or remote locations in which they are situated, these assets are, by their very nature and location, challenging to monitor and secure. At the same time, because these assets are central to the economy, they demand a high level of security. The possibility of downtime or missing video, particularly after a breach or event, poses substantial risk to these assets, their owners and potentially the public at large, yet many critical infrastructure entities have experienced downtime, missing video and cost overruns that they would like to eliminate in the future.

Two prime examples of the challenges related to securing critical infrastructure are ports and electrical substations. As major centers of commerce linking waterways and land, ports are focused on a highly fluid movement of people, goods and vehicles onto and off of port property. Additionally, multiple customers and vendors must have access to ports, and multiple law enforcement and regulatory bodies oversee port activities and as such require information, including video, regarding all of these activities. The energy grid is highly vulnerable to cyberattack, and increasing physical security with reliable video surveillance, especially for unmanned substations, is crucial. New regulations and guidelines related to security and video surveillance at electrical substations only underscore the critical nature of these assets.

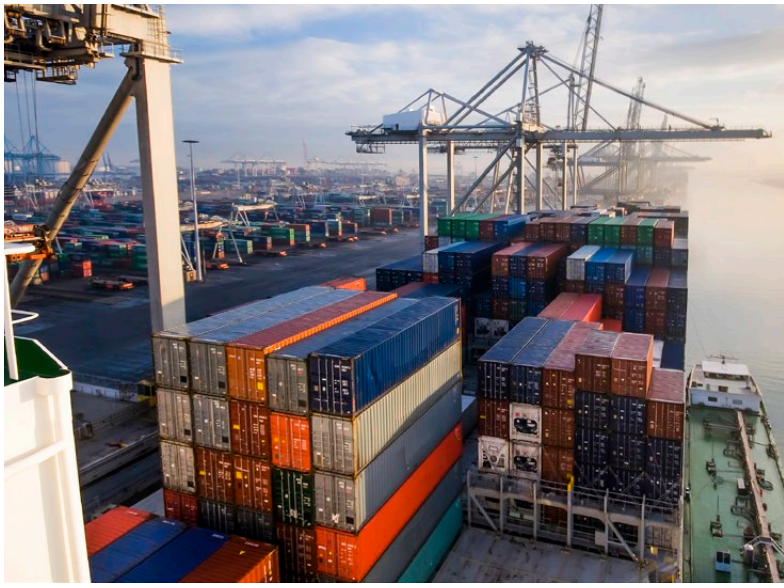
To create secure environments for these locations, most organizations utilize a combination of modalities that may include video surveillance, as well as access control, perimeter security, intrusion detection and guard services. While all of these are essential contributors to safety and security, only video surveillance can provide visual documentation of all activities and incidents on the site, which may be required by government or industry regulations. However, that video stream is itself a combination of systems and processes, the failure of any one of which can result in missing video. The network may include cameras at the edge, VMS and other software, networking infrastructure, hard drives for recording and more. Spot-checking the system will not identify degrading components or other developing problems. When the video infrastructure is not working, risk levels rise instantly – not only to the asset but also to the general public.

THE SOFTWARE ASSESSES EACH UNIQUE VIDEO STREAM, DETECTS AND ANTICIPATES INTERRUPTIONS OR DECAYS THAT CAN CAUSE A GAP IN THE STREAM, AND ALERTS MANAGEMENT WITH ACTIONABLE INFORMATION ON HOW TO QUICKLY SOLVE THE PROBLEM.

Many critical infrastructure sites receive grants to purchase and install security technology systems but lack the budget for ongoing operations and management. Therefore, they must reduce cost as much as possible. STANLEY IntelAssure does this for them by detecting problems and significantly reducing both informational service calls and troubleshooting time and cost. With STANLEY IntelAssure, the entities that operate critical infrastructure can dramatically reduce the cost of ensuring that video systems continue working properly 100% of the time, and significantly reduce the risk that video will be missing when it is needed for documentation or review. Without STANLEY IntelAssure, the cost of manually identifying problems and paying for integrators to go onsite to troubleshoot or provide their recommendations can rise rapidly – and when a problem prevents the video system from functioning there is a lack of situational awareness, video is not being archived, investigations are negatively impacted and the corresponding increase in risk extends well beyond the specific location being secured.

When installed to protect a surveillance system, STANLEY IntelAssure automatically delivers a complete set of updated Quality of Service metrics at a user-defined interval for visibility and insight into the network's behavior, using data visualization and diagnostic graphing to increase understanding and promote prevention of problems. Information can be viewed on smartphones, tablets and PCs.

The software assesses each unique video stream, detects and anticipates interruptions or decays that can cause a gap in the stream, and alerts management with actionable information on how to quickly solve the problem. Expert live assistance is a quick call or click away at all times, helping to get any questions or issues resolved quickly.



Current critical infrastructure customers have already recognized the exceptional and essential value that STANLEY IntelAssure provides. For any entity responsible for securing ports, substations and other critical assets, there is no longer any need to accept the potential risks created by missing video. With its unique proactive/preventive approach of identifying and assessing potential problems before they lead to real losses, STANLEY IntelAssure can significantly reduce these risks at lower cost and with higher effectiveness.

Learn more about STANLEY IntelAssure at stanleysecurity.com/intelassure

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