

Major International port installs the Wavestore video recording solution

The port's was experiencing a number of transaction exceptions related to the container shipments that were passing through the port, and as a consequence the management company invited tenders for a robust video security system to be commissioned.

Located at the base of the West Indian archipelago, Trinidad's thriving Port of Port of Spain provides a strategic trans-shipment hub for containerised, break-bulk, Roll-on/Roll-off and dry/liquid bulk cargo between the North and South American and Caribbean continents.

To improve the efficiency and security of the Port's premises and customers' cargo, and comply with the requirements of the International Ship and Port Facility Security (ISPS) code, a Wavestore state-of-the-art digital video recording solution was selected and installed at the Port at the end of 2007.

The installation composed of high performance Panasonic (NTSC standard) cameras strategically installed around the port; including a number of day/night PTZ cameras. A network of Wavestore digital video recorders were configured in a cellular structure to cater for system redundancy and scalability.

The Security Police Control Room was fitted with two large 37" LCD screens to enable constant video monitoring, which provides the Security Department with 24 hour security monitoring capabilities of all access gates, approach roads, container stowage, shed areas and administration buildings.

The CCTV installation and training was completed by Andromica Video Systems and the system is now in continuous use, having been fully integrated into the existing network infrastructure. The benefits of the security system were realised immediately with reduced losses, and increases in container movements, improvements in crane utilisation and better truck turnaround times recorded.



Background

Trinidad & Tobago together make up a two-island Republic and are the two most southerly Caribbean island situated seven miles off the coast of Venezuela. At the base of the West Indian archipelago is Trinidad's thriving Port of Port of Spain. In 2004 the Port celebrated its 65th anniversary, and is now in the midst of a corporate programme that will alter the face of the Caribbean trans-shipment facility.

Key Application Benefits of Wavestore

- An integrated network providing the security staff unencumbered access to view any camera instantly.
- The ability to create unique user profiles (access to specified cameras, system settings and controls).
- A fully remote surveillance monitoring capability to oversee any port side activity.
- The ability to respond immediately to an adverse event.

Footnote

An automated container recognition system (which will read and record each "unique identifier") is due to be implemented with the Wavestore system, and integrated with the Container Terminal Management System to validate and record the container movement with each truck manifest and the truck and trailer license plates.