CUSTOMER INDUSTRY

Seaport

WEBSITE

www.miamidade.gov/portmiami

LOCATION

Miami, Florida

BUSINESS NEED

Serving both cruise and cargo ships, Port Miami sought to upgrade its existing analog surveillance system to an IP-based solution that provided enhanced security, centralized management capabilities and a complete view of their environment. With so many functional analog cameras in place, the ideal solution would also be able to leverage their existing analog infrastructure.

SOLUTIONS

NiceVision

Video and Data Analytics

NiceVision Web and Smartphone Solution

THE IMPACT

Centralized and remote monitoring and management capabilities

Complete view of the Port's environment

Cost-effective, smooth migration path to IP capabilities, while leveraging existing analog cameras

High quality IP video recording and improved security management have provided the upgraded security levels the Port required

NiceVision Web and smartphone solution — enhanced on-the-move security from web-based device

PORT MIAMI

ABOUT PORT MIAMI

As a world-class port, the Port of Miami is among an elite group of ports in the world that caters to both cruise ships and containerized cargo. Over four million cruise passengers and 7.5 million tons of cargo pass through the Port each year. Recognized as the "Cruise Capital of the World" and "Cargo Gateway of the Americas", the Port of Miami has retained its status as the number one cruise/passenger port in the world for well over two decades, accommodating the largest cruise ships in the world.

THE CHALLENGE

With over 4.5 million cruise passengers and close to eight million tons of cargo passing through the port annually, security is a priority. In order to enhance its overall security, Port Miami sought to upgrade and migrate their analog video surveillance system to an IP solution that could provide increased coverage for its very active environment. In need of a fast and smooth implementation, the solution also needed to have both centralized management and decentralized monitoring capabilities; in addition to maximizing their existing investment in analog cameras.

THE SOLUTION

Port Miami implemented NiceVision video management solution, which was integrated to the Port's other systems and included advanced analytics capabilites.

This was done after conducting a market research via the creation of a sandbox for video surveillance solution providers to demonstrate their capabilities. "Any provider that was interested in participating in our market research was provided the opportunity to demonstrate the performance of their product. We asked the providers to tie into our existing analog system, furnish an IP infrastructure and demonstrate their system operation and performance," said Louis Noriega, Chief of Information Systems for the Port of Miami. "The Port then conducted a hands-on evaluation, scoring each solution

PORTMIAMI

"The implementation of Qognify's video surveillance system* is another example of how the Port of Miami is implementing cutting-edge technology to strengthen our ability to provide a safe and secure environment."

Bill Johnson, Port of Miami Director.

"They [Qognify] sent their best technicians to the port, they worked together with our staff, and they made it almost transparent. Most of our cameras were analog, as well as our channels and the recording. Qognify* had the ability to handle both at the same time. That was very important for us. We have 890 cameras in total, 20 NVRs, plus six redundancies".

Hugo Hernandez, Chief, Information Systems, Port Miami

*Formerly part of NICE Security

based on thirty-six key criteria. Qognify (formerly part of NICE Security) received the highest rating," Noriega added.

- With NiceVision, Port Miami has been able to integrate their existing analog cameras and recording systems, allowing them to leverage and maximize past investment and at the same time benefit from today's advanced IP technology.

- The flexible nature of the NiceVision solution has allowed the Port to both create specific surveillance zones monitored by assigned operators and centralize the overall management of their surveillance operations. Now the Port's security operations are able to view multiple camera's, from any of their cameras from a single screen.

- Another important aspect of the solution's deployment was the integration of access control systems. In the event of an alarm stemming from any access point, NiceVision automatically directs the nearest camera to the alarm and begins following the event.

With so much activity at the Port, they have also deployed NiceVision's mobile solution. This gives authorized security personnel and management the ability to monitor and manage the system from any mobile device—smartphone, tablet or laptop— remotely and on-the-go. Moreover, it provides responders a real-time view of any given event, improving both response and its efficiency. This helps mitigate risk and contain incidents.

NiceVision's user-friendly GUI (graphical user interface) has made it easy for all of the Port's personnel to quickly adopt the solution. An important feature for the Port as it has users of all kinds working with the solution. "We are able to see who has registered into the Qognify system*, what they have seen, who has what type of access, at what time were they looking at a video. We also can play back and learn from things that we've done, to improve on security, on how to respond to an alarm," commented Michelle Marie Spry, Security Coordinator, Port Miami.

ABOUT

Qognify helps organizations mitigate risk, maintain business continuity, and optimize operations. The Qognify portfolio includes video management, video and data analytics, and PSIM/Situation Management solutions that are deployed in financial institutions, transportation agencies, airports, seaports, utility companies, city centers, and to secure many of the world's highest-profile public events. **www.Qognify.com**

Get in Touch: www.Qognify.com/get-in-touch   CS-16-02 07/2016

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