

CASE STUDY

Port of Corpus Christi, TX Critical Infrastructure Security

Situation

The Port of Corpus Christi is one of the 10 largest ports in the United States in total tonnage. Strategically located on the western Gulf of Mexico with a straight, 45' deep channel, the port provides quick access to the Gulf and the entire United States inland waterway system. Port authorities needed a way to identify and communicate with vessels nearing the port and a first response capability when ships fail to respond to radio calls or follow port protocols.



Problem

The ability to communicate at distance over wind, engine and background noise, and determine the intent of boats and ships not responding to radio calls, are critical elements missing from many port surveillance and security solutions.



Solution

The Port of Corpus Christi installed a **Long Range Acoustic Device** that features technology new to port security - powerful long range hailing, warning and communications capabilities that provide a remotely operated first response when vessels fail to respond to radio calls or follow port protocols.

Adding integrated radar, high-powered spotlights, and thermal imaging/night vision cameras to **LRAD** pan-and-tilt systems provides port operations centers a complete surveillance, security and first response solution that secures port waterways and infrastructure, reduces false alarms, and maintains essential operations.

"The maritime industry plays a key role in the prosperity of the American economy; therefore, security is key. This high-level deployment provides a glimpse into the future of maritime security."

- Robert Sommerfeld, President of G4S Technology





Genasys Protect

LRAD 950NXT

Integrated Surveillance, Security & Response

Utilizing technology developed and patented* by Genasys, the LRAD 950NXT's ability to identify and interact with targets from a distance provides security personnel the additional time and information necessary to accurately assess situations and appropriately scale responses.

Live or recorded voice broadcasts from the LRAD 950NXT are clearly heard and understood over crowd, engine, and other background noise out to 3,000 meters.

Featuring an integrated HD camera, high-intensity searchlight (optional), and robust, IP addressable full pan-and-tilt drive, when integrated with radar or motion sensors the LRAD 950NXT provides automated intruder alerts and becomes a fully functional, unmanned perimeter security and first response system.

The LRAD 950NXT is operated using Genasys Protect controller software. The software's comprehensive functionality and easy-to-use controls enable personnel to identify targets on the live video feed, quickly position the 950NXT's pan-and-tilt system, and broadcast powerful warning messages and tones from the safety of a command and control center.



Because of its automated capabilities, the LRAD 950NXT reduces manpower and false alarms, resolves uncertain situations, and provides a highly effective, cost efficient security solution.

LRAD is unique in its ability to deliver live or recorded voice messages in any language, with exceptional vocal clarity, in any type of environment.

Genasys

Global Provider of Protective Communications Solutions

Protecting people and saving lives for over 40 years, Genasys Protect covers more than 155 Million people in over 100 countries worldwide.

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