

SYMPHONY® COMMUNICATIONS MARITIME MANAGER

Optimizing Maritime Communications Through Integration

The global maritime defense environment presents various communications management challenges. Communications equipment, circuits and networks are complex and ships support multiple simultaneous dynamic missions with compressed timelines. A large radio room staff manually controlling communications circuits is no longer affordable or effective. The Symphony Communications Manager allows a single operator to manage complex communications from a mission perspective, improving the vessel's performance at a lower cost.

ADVANCED FEATURES AND BENEFITS

**Multiple high-level system views
available from anywhere on the network**

- > **Mission Dashboard** - a single-page view that displays the ship's active communication plans
- > **3-D Explorer** - allows an operator to physically locate assets within a ship via a 3-D visual representation to quickly identify important health and operational states
- > **Maintenance Dashboard** - a custom view that provides past, current and future health and status information for all devices managed by Symphony
- > **Intelligent control of complex RF distribution equipment** - enables spectrum management
- > **Secure platform-independent, modern and open architecture software**
- > **Software environment** - facilitates easy addition of features and capabilities, as customers require them
- > **Web-based RESTful API** - enables extension of Symphony to interface with other platform systems, such as C2 and navigation systems

Critical mission-support functionality

- > **Decision assistance and course of action recommendations** - increase mission responsiveness
- > **Automatic failure detection and correction** - reduces downtime
- > **Spectrum, frequency and emission control management** - enhances use of communications resources
- > **Extensive device-driver library** - enables the customer's choice of communications equipment at no increased cost or development risk
- > **Responsive GUI** - accommodates devices from phones to large screen monitors
- > **Deployed vessels import communications plans from facilities ashore**
- > **Shore-based skilled personnel** - prepare communication plans for multiple vessels
- > **On-board training package for efficient growth of crew skills**
- > **Computer Based Training software** - available with each delivery



Successfully deployed across multiple platforms and countries for over a decade, Symphony is proven to enhance mission performance.

Graphically driven interface provides multiple views tailored to the operator's function.

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This document consists of L3Harris general capabilities information that does not contain controlled technical data.

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