

# MANTAWARE™ COMMUNICATIONS CONTROL MANAGEMENT SYSTEM

## Next-Generation Maritime Communications Management

Operating and maintaining complex communication systems on naval vessels can be challenging. With the Communications Control and Management System (CCMS) by L3Harris, you gain the flexibility and adaptability needed to meet the demands of these intricate systems and rapidly evolving environments.

CCMS revolutionizes the control and management of integrated communications systems. A single-user gains the power to plan effectively, enforce, and modify both the communications plan and the EMCON plan, all through CCMS.

CCMS offers advanced features to enhance situational awareness and streamline operations for navigating complex integrated communications systems.

The CCMS asset 3D viewer provides a view of a 3D model for physical recognition.

Seamless integration with military and commercial communications systems ensures interoperability, simplifying processes and facilitating smooth information exchange. Redundant network servers offers uninterrupted connectivity across classified and unclassified domains, even in challenging environments.

Real-time monitoring capabilities enable proactive analysis and maintenance by monitoring network health and usage. Customizable hotkey shortcuts personalize the system, allowing quick access to frequently used functions.

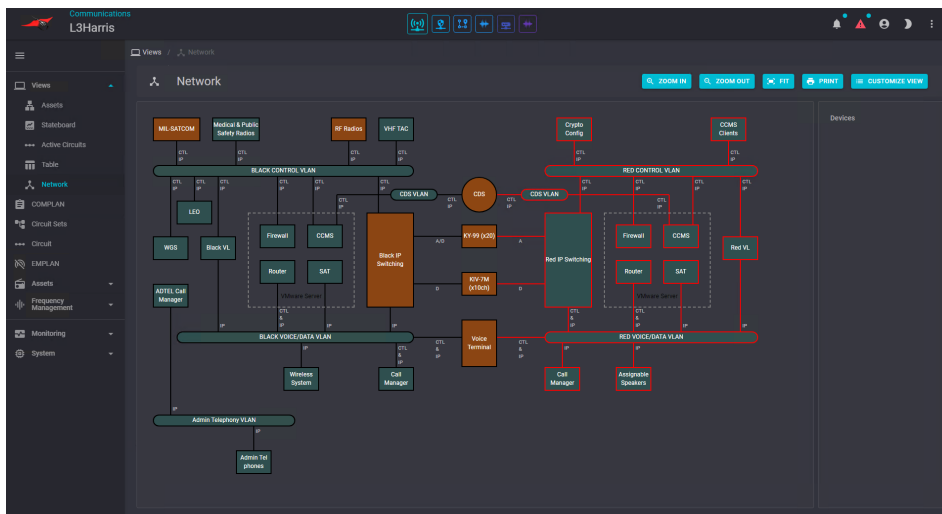
Data security and compliance are prioritized with a 5-level role-based access control system, granting authorized individuals access to sensitive data and functions while minimizing the risk of unauthorized access.

CCMS empowers users to navigate. Experience L3Harris' CCMS streamlined User Experience (UX), with multiple role-based views. Planners, operators, supervisors, maintainers and administrators have access to role-specific information.



### KEY FEATURES

- > CCMS is an integrated tool of the MantaWARE unified platform
- > Robust control: take full command of shipboard communications with ease
- > Advanced monitoring: realtime monitoring for proactive maintenance and issue resolution
- > Rapid response: adapt quickly to changing operational requirements and dynamic environments
- > Secure communication: implement stringent security measures for data protection
- > User-friendly interface: intuitive interface minimizes training time and maximizes productivity
- > Integration with MantaWARE Spectrum Manager to provide radio frequencies environment situational awareness and responses



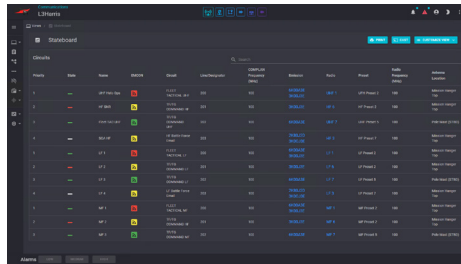
CCMS Network View dashboard

With CCMS, users can streamline shipboard communication operations and focus on mission-critical tasks. Experience enhanced efficiency, reliability, and adaptability, while maintaining the highest level of security.

MantaWARE can easily integrate and expand extant interfaces and drivers developed for the Symphony® Communications Manager.

The state board view provides a common operational picture of the communication system's current configuration. Users can easily broadcast pertinent information onto large screen displays for improved collaboration.

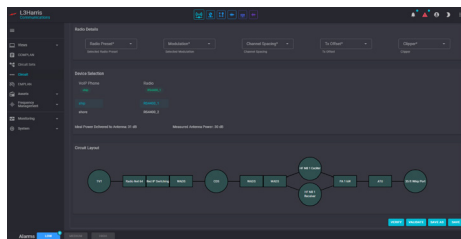
Contact us today to experience the power of L3Harris' CCMS and unlock the full potential of your fleet's Integrated Communications Systems.



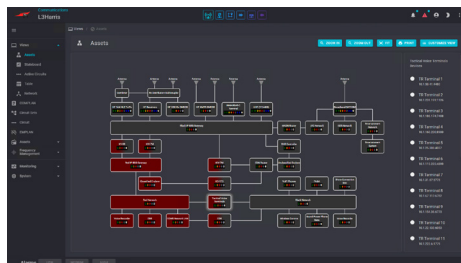
State board view



Asset 3D viewer



Intuitive circuit creation



Assets screen

## USE CASES

- > Planning
  - OPTASK COMMS message import
  - Communications planning
  - EMCON planning
  - Circuit set queue
- > Operation
  - COMSPAN enforcement
  - EMPLAN enforcement
  - Device configuration
- > Monitoring
  - Fully integrated health usage and monitoring system (HUMS)
  - Configurable alert management system for streamlined alert processes
- > Maintenance
  - Detailed log reporting and auditing system

## MantaWARE Communications Control and Management System

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L3Harris Technologies is the Trusted Disruptor in the defense industry. With customers' mission-critical needs always in mind, our 50,000 employees deliver end-to-end technology solutions connecting the space, air, land, sea and cyber domains in the interest of national security.

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L3Harris MAPPS Inc.  
8565 Côte-de-Liesse  
Montréal, Québec, Canada  
H4T 1G5  
t +1 514 787 5000 | f +1 514 788 1530  
mantaware@L3Harris.com