



US NAVY PHOTO

# INTEGRATED SHIPBOARD COMMUNICATIONS

**LOCKHEED MARTIN**   
*We never forget who we're working for®*

# INTEGRATED SHIPBOARD COMMUNICATIONS

Lockheed Martin has been a leader for more than 50 years in shipboard Command and Control Systems development and integration and has spent the past decade designing and sustaining the Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) suite and network infrastructure products for the U.S. Coast Guard National Security Cutter Program.

Integrated Shipboard Communications (ISC) provides an affordable and scalable solution for voice, video and data transmission in a secure environment on a ship's network infrastructure.



## HARDWARE FEATURES:

- MIL Spec IP endpoint devices
- Individually addressable speakers and lights
- Integrated automated alarms (C2, machinery, sensors)
- Full Mil-Spec IP phone with high noise space configuration
- Leverages existing infrastructure: IP and T1 interfaces
- Ruggedized and virtual operator consoles available
  - POE/external power options
  - Copper and fiber support
  - Supports gloved and night operations
  - Dual headsets for training
  - Built-in loud speaker, MIC and PTT
  - Built-in instant digital playback
  - Nine position spatial audio reduces operator confusion and fatigue
- One button action for joining any to many "nets"
- Voice activity indicator on NET button

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## CAPABILITIES:

Lockheed Martin's ISC provides conferencing of Red and Black tactical voice, telephony, intercom, and alarms in a single low profile cabinet.

- Meets all shipboard COMMS needs: tactical voice conferencing, telephony, intercom, and alarms
- Certified Red/Black TEMPEST design
- Modular Open System Approach (MOSA) and Joint Interoperability Test Command (JITC) certified components
- 4th generation DoD-proven mission voice solution leveraging industry leading commercial base
- Scalable design supports redundancy and large platforms
- Compatible with existing amplified speaker distribution and radio suites
- Supports Automation and Integration with C2 systems for situational comms GUI
- Supports up to 7,500 IP endpoints
- Supports up to 2,500 conferences

