

# **NETWORK-ENABLED TACTICAL LINK SYSTEM [NETLS]**

## **Link-11, Link-16, Link-22 Tactical Data Link Translator and Communications Control System**

NETLS is a state-of-the-art, data link buffer, translation, and command management system that meets all U.S. and North Atlantic Treaty Organization (NATO) operational and functional tactical data link requirements. It provides the customer with real-time multi-link data exchange capability in order to optimize tactical control and overall battlespace force coordination.

NETLS is deployed as a command and control data link system. It receives, processes, stores, translates, formats and transmits data over multiple data links. The system also simultaneously provides remote control of communications equipment.

### **OPEN ARCHITECTURE THAT MEETS FUTURE NEEDS**

Featuring a networked OSA using the latest commercial products, NETLS is engineered for growth. The system consists of only commercial off-the-shelf (COTS) hardware and operationally proven software modules. It is comprised of two subsystems: the NETLS data manager (DM), and the NETLS common operational picture (COP). NETLS DM and NETLS COP can function as a complete command and control (C2) system or can function as a data link manager to an enterprise command, control, communications, computers, and intelligence (C4I) system.



Photo credit: U.S. Navy photo by Chief Mass Communication Specialist Don Bray



### **BENEFITS**

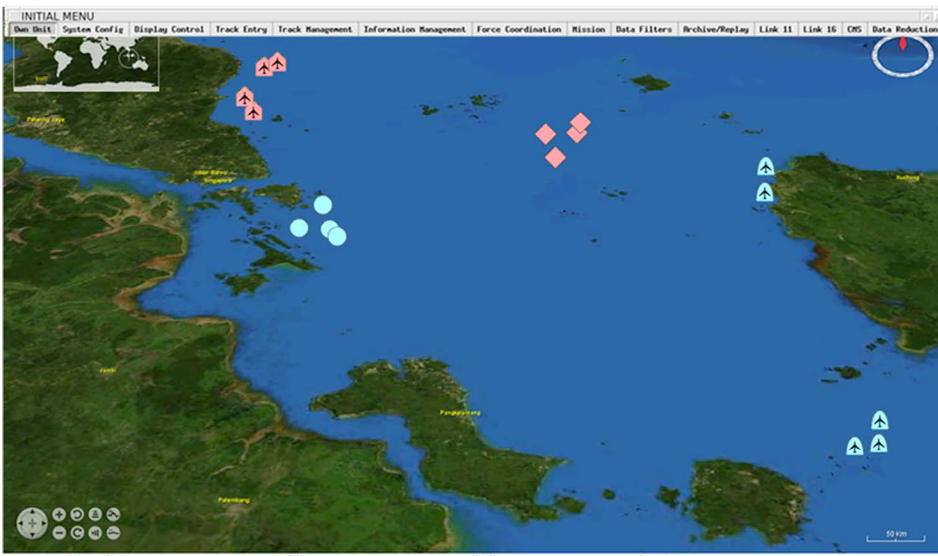
- > Multi-mission support from single or multiple consoles increases staffing flexibility
- > Extensible and scalable data management model supports more users with specific information requirements
- > Automatic correlation reduces redundant information and operator workload
- > Commercial off-the-shelf (COTS) components and open system architecture (OSA) minimizes costs
- > Ability to add interfaces after installation when technology or mission requirements change increases user flexibility
- > The NETLS software has been validated by NATO, Joint Interoperability Test Command (JITC) and Naval Center for Tactical Systems Interoperability (NCTSI)

## EXPERIENCE

NETLS is part of an extended family of L3Harris tactical data link products that have been in service for over 25 years. It has been deployed with the U.S. Armed Forces, NATO, and other countries in a variety of maritime, aviation and land-based applications. It has been installed on surface ships, aircraft, submarines, mobile and command centers. NETLS is capable of interfacing with a broad range of legacy, forward-deployed and mobile systems.

## SUPPORTED MISSIONS

- > Weapons engagement, coordination and management
- > Special & embargo operations
- > Vessel board search and seizure (VBSS)
- > Search and rescue (SAR)
- > Target information
- > Support operations
- > Participant location and identification (PLI) and surveillance
- > Electronic warfare
- > Intelligence and information management
- > Threat warning



NETLS COP displaying data from both onboard and offboard sources enabling operators to make informed, time-sensitive decisions.

## FEATURES

- > STANAG 4420 and MIL-STD-2525 symbology
- > Simulation, training and archive replay modes
- > Data and display filtering
- > Online built-in-test equipment (BITE) or offline software diagnostics
- > Remote control of radios, crypto, antennas, switches, audio, modems, telephone and the HAVE QUICK system
- > Logistics support available from totally indigenous to fully supported
- > Additional interfaces supported:
  - > Link 11B
  - > Link 1
  - > Joint Range Extension Applications Protocol (JREAP)
  - > Standard Interface for Multiple Platform Link Evaluation (SIMPLE)
  - > Automatic identification system
  - > Over-the-horizon (OTH) gold
  - > All-purpose structured EUROCONTROL surveillance information exchange (ASTERIX)

## NETLS 07/19 JP

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