



NetCom

Complete Communications Management System



Photo courtesy of DVIDS

NetCom[®] provides complete crew intercommunications and radio management for a wide range of tactical vehicles and platforms. It consists of a single, unique Line Replaceable Unit (LRU) and a crew station that can be expanded for system growth of up to twenty operators.

Communications Management System

NetCom provides a complete solution to meet the diverse requirements for the military ground vehicle community.

The solution provides a significant Size, Weight and Power-Cost (SWaP-C) advantage due to its integrated “system in a box” dual-operator design. As a vehicle intercom, NetCom provides users with secure, digital communication capabilities for all internal and external communications. As an IP-based system, NetCom allows full integration into the networked digital backbone of the vehicle and digital battlespace.

The system offers an integrated capability for dismounted crew and personnel to maintain communications among themselves and command with Telephonics’ TruLink[®] Wireless Intercommunication System. The simple modular configuration of the NetCom system results in



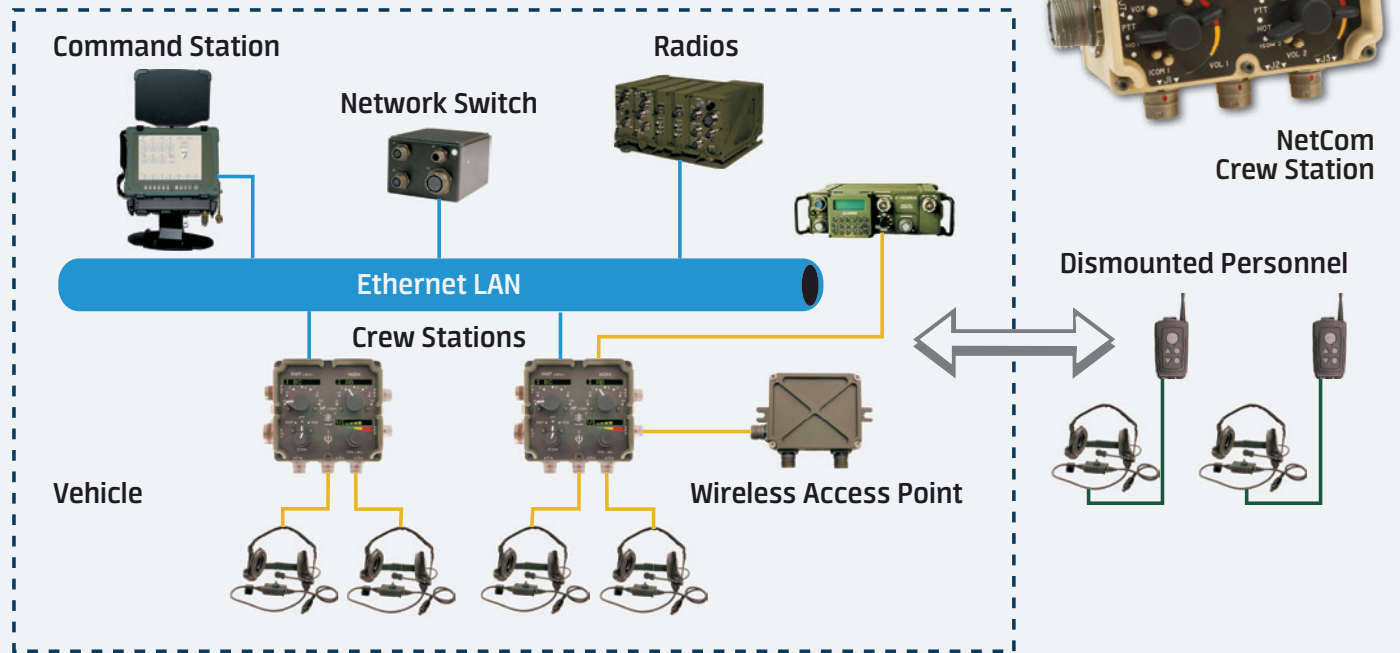
Photo courtesy of DVIDS

Mobile Strike Force Vehicle (MSFV)

common LRU implementation across all ground vehicles and the ability to provide a complete system solution for many vehicles with just a single crew station. The enhanced audio intelligibility, intuitive user interface, complete programmability, small size and rugged package completes the NetCom solution.

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NetCom Vehicle Intercom System Block Diagram



Key Features

NetCom features include capabilities to enhance crew and personnel safety while increasing overall mission situational awareness. It's modular configuration allows flexibility in outfitting individual vehicle applications.

Additional Features:

- Interoperability via IP protocol suite
- Dual-operator station
- Wireless intercom with flexible encryption solutions
- Adaptive Noise Cancellation (ANC) eliminates noise at audio inputs resulting in clear communications
- Radio management and control
- Available with panel controls or system control via remote embedded web server on Graphical User Interface (GUI)
- Direct interface to all available military vehicle headsets
- DoD patented spatial audio increases intelligibility
- TEMPEST qualified
- Programmable voice and alarm generator
- Voice/Radio over Internet Protocol (VoIP)
- Advanced text-to-speech capabilities for flash message traffic

For additional information, contact Telephonics at 631.755.7000 or visit www.telephonics.com.