

ONE PLATFORM FOR MULTIPLE SYSTEMS



KEY ENABLER FOR NETWORK-CENTRIC COMMUNICATIONS

The success of any military operation hinges on the availability of reliable and secure communications. SuperNet offers seamless and interoperable communications among various forces equipped with diverse communications systems. It integrates disparate communications systems to facilitate interoperability among different parties and enables commanders to carry out effective command, control and coordination during mission planning and field operations.



SUPERNET

VECOM

SuperNet™ VECOM is an advanced compact IP-based integrated voice and data communications system. It provides a common network platform, serving as a super highway to facilitate integration of various C4I (Command, Control, Communications, Computers and Intelligence) systems. This enhances interconnectivity, survivability and interoperability. The robust and ruggedized SuperNet VECOM facilitates collaboration which helps to increase workgroups command and control efficiency on tactical vehicles operating in high tempo and harsh environments.

KEY BENEFITS

- Configurable in Lite, Standard and Enhanced (10Gb backbone) capabilities
- Unified communications based on open architecture design
- Drop in replacement for Cobham AN/VIC-3/VIC-5
- Instant "On" capability
- System scalability
- Reliable communications
- System management
- Small form factor
- Dual ring infrastructure provides redundancy
- IP based integrated voice and data communications
- Distributed power supply
- Enhanced voice services (Blind-Touch and Spatial Audio operation, intercom)
- Alert systems
- Rich radio functionalities (radio conferencing and control, access and monitoring of radio nets, private radio)





SUPERNET

OPCOM

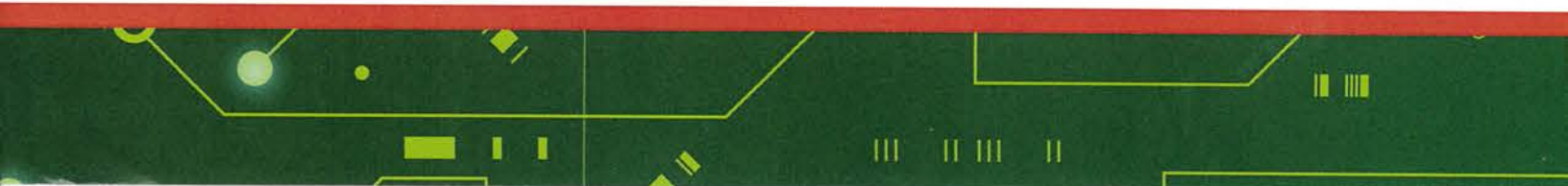
SuperNet OPCOM offers a comprehensive range of integrated communications solutions to suit different operational requirements. Its highly scalable and modular design offers easy integration with existing communications systems.

KEY BENEFITS

- Configurable in Lite, Standard and Enhanced (10GB backbone) capabilities
- Provides access to the mission command network voice over internet protocol (VOIP) telephone
- Provide access to the mission command network voice radios
- Provide the interface between VOIP telephone and tactical radios
- Capable of software-based voice collaboration from operator positions
- Capable of operating on multiple waveforms
- Capable of radio cross banding
- Operates with all fielded tactical radio versions
- Capable of intra-vehicle and inter-vehicle voice communications.
- Compliant with Vehicular Integration for C4ISR/EW Interoperability (VICTORY) standards
- Provides voice communications from the vehicle into a fixed facility
- Records voice traffic with metadata
- Capable of conducting Radio silence
- Intuitive configuration to minimize training time
- Capable of log in access restrictions

APPLICATIONS

- Able to scale from the enterprise level to the ground tactical level
- Static and mobile command centers
- Large-scale military campaigns





SuperNet MARICOM is a state-of-the-art IP based communications solution designed and built for the mission-critical needs of today's navies and coast guards, from large ships to naval and coast guard patrol vessels, small vessels and fast crafts in the maritime environment. MARICOM integrates a variety of communications systems to including feature-rich voice and data services easily accessible by users from fixed and wireless terminals.

KEY BENEFITS

- Configurable in Lite, Standard and Enhanced (10GB backbone) capabilities
- Provides radio and other analogue services over IP
- Enables multiple users to share a single radio source for unsheltered environment

OPEN INTERFACE AND ARCHITECTURE

User-Friendly Interfaces

- Intuitive user interfaces designed to support situational overview and quick system operation
- Configurable hot keys
- Mission profile planning

High Scalability

- Modular to meet future needs and demands
- Designed based on IP protocol and infrastructure
- Network Management
- System can be re-configured for varied missions
- Quick operational configuration with pre-loaded mission profiles
- Centralized control and communications planning of radio resources
- IP based system which uses open standard protocols such as SIP based VoIP, for easy system integration

High Survivability and Availability

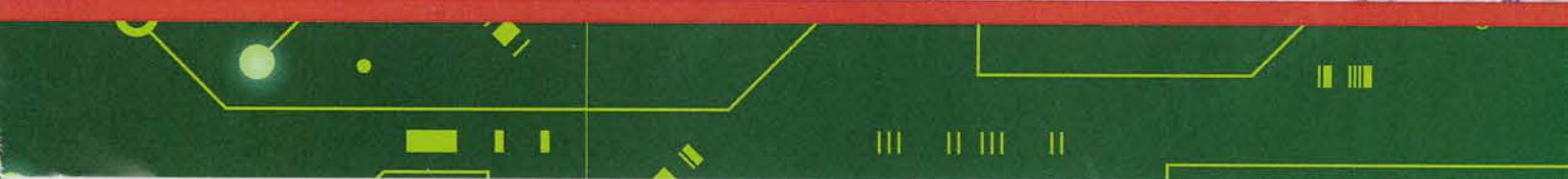
- Distributed and redundant architecture with no single point of failure Interoperability
- Facilitates communications interoperability between disparate communications systems

Integrated Communications Services

- Satellite and radio communications (LF, MF, HF, VHF, UHF and other radios) for ship-to-ship, ship-to-air and ship-to-shore operations
- Data communications over radio network, WAN and LAN

Intelligent Crew Unit

- Spatial Audio operation
- Blind Touch operation



INTEGRATED FLEXIBLE COMMUNICATIONS SYSTEMS FOR DEFENSE

The SuperNet line of integrated Communications Systems products offers secure, reliable communications capabilities for optimum performance under the most extreme conditions. Each of our products are built to meet particular military operational needs.



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