

VisionComms

MCC400 Mobile Command & Communications Network System

All the capabilities of a full size command vehicle in a small mobile modular package. And, its amazingly simple to use.

The VisionComms MCC400 module features full interoperability communications capability with an interfaced powerful PBX telephone system; computer with 19" LCD monitor; perimeter and expandable WiFi hotspot; high-speed VSAT and/or broadband internet 3G data connectivity; and three work stations with whiteboard surfaces.

Low power consumption permits the module to operate from vehicular 12vdc power source or other portable power source.



Shown mounted on slide-out rails, the system can be mounted in a conventional electronics rack or wherever required.

Connectivity anywhere, anytime, under any conditions. Create your own interoperability network. First Responder friendly. Go live in under 5-minutes with one button activation. Low power consumption permits the system to be installed in a SUV, conventional cargo van or any size mobile command vehicle. Remote diagnostics and live 24/7/365 support.



Surprisingly affordable does not mean lack of performance. The VisionComms MCC400 will outperform most comparable systems and can be easily expanded to greater capacities. Hundreds of networked phones can be supported based on bandwidth availability from 3G, 4G or VSAT connection. Its modular design means it can be upgraded as requirements and budgets dictate and it will never become obsolete. The MCC400 has been designed to advance with emerging technologies.

Expand the network coverage area with tripod mounted network nodes that act as repeaters and as remote video camera observation points feeding live streaming video back to the command post.

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STANDARD FEATURES:

- 0.96m VSAT with auto acquisition controller (1.2m or larger available)
- 3-year VSAT subscription plan included, but not required should agency already have subscription service provider agreement. Bandwidths based on specific end user requirements.
- iDirect 3100 iNFINITI or iDirect specified models remote satellite router modem (BGAN options available)
- Single switch automated sequenced startup of all equipment that ensures equipment is powered up in the correct sequence.
- IP PBX SIP-compliant 1U rack-mounted server capable of supporting up to 100 simultaneous VOIP calls (larger servers for increased call volume available), conference bridging, manual or automated call attendant, caller ID, and more
- FXS (4) and FXO (4) that provides connectivity to conventional analog desk phones, fax, PSTN
- SIP-compliant Radio over IP equipment that supports up to eight radio transceivers of users' choice (standard system supplied with one each VHF and UHF transceiver), connecting the radios with all communications devices, including telephones, through the IP network in the system
- 802.11b/g WiFi access point
- Computer work station and monitor with 19" LCD screen display mounted on one work station (other stations may be equipped as required)
- Waterproof keyboard
- SIP-compliant VOIP desk phones (2)
- SIP-compliant portable WiFi phones (5) – additional phones available as option
- Auxiliary isolated deep-cycle gel battery
- 120VAC power inverter
- Aluminum powder-coated cabinet with four drop-down doors with whiteboard writing surfaces

The VisionComms MCC400 provides resilient and secure unified telephone and two-way radio interoperable communications capability when all other communications access is unavailable or infrastructures have failed or collapsed.

Totally compatible with any existing federal, state or regional communication systems translating into true interoperability.

Supports all conventional logistical and GPS tracking software.

Communications range expandable using optional high-power WiFi repeater node(s).



Features three individual stations with WAN ports for desk phones and other network remote connections.