



Mission Critical Secure Networks

Tactical Data Links & Network Data Links

Ultra's Multi Link Network Processor (MLNP) family of systems provide enhanced situational awareness, secure critical data exchange and network solutions for airborne, land and maritime forces.

The MLNP system ensures the delivery of mission critical secure network data exchange. This flexible and scalable solution, derived from Ultra's MLP family, can:

- support multi link operations
- provide embedded secure encryption
- provide control, monitoring and management of the network
- provide message handling using open standards for interoperability
- provide audio processing, transmission and recording of encrypted and unencrypted data
- provide open architecture IP interfaces and networks to integrate and control legacy and new communication systems



The family of systems are developed around a flexible and open system architecture capability, including:

Data link processing

- multi link software inc L-11, 16, 22 & national only data links
- intelligent tactical processing
- data forwarding, correlation, fusion
- host for third party software
- UMLI – Universal Multi Link Interface (host I/F)

Interoperability and Integration

- NSA and NATO approved system variants
- serial, audio and ethernet interfaces for integration
- Link-22 LLC

Ultra can offer leading capabilities for the supply and support of integrated tactical data link systems solutions, providing network enabled/network centric warfare capabilities.

Embedded COMSEC (Encryption) options:

- Link-11 – BID/2200
- AES 128
- AES 256
- National Encryption Integration
- Front panel crypto key fill and control (as applicable)

Embedded modems and net control (inc) options:

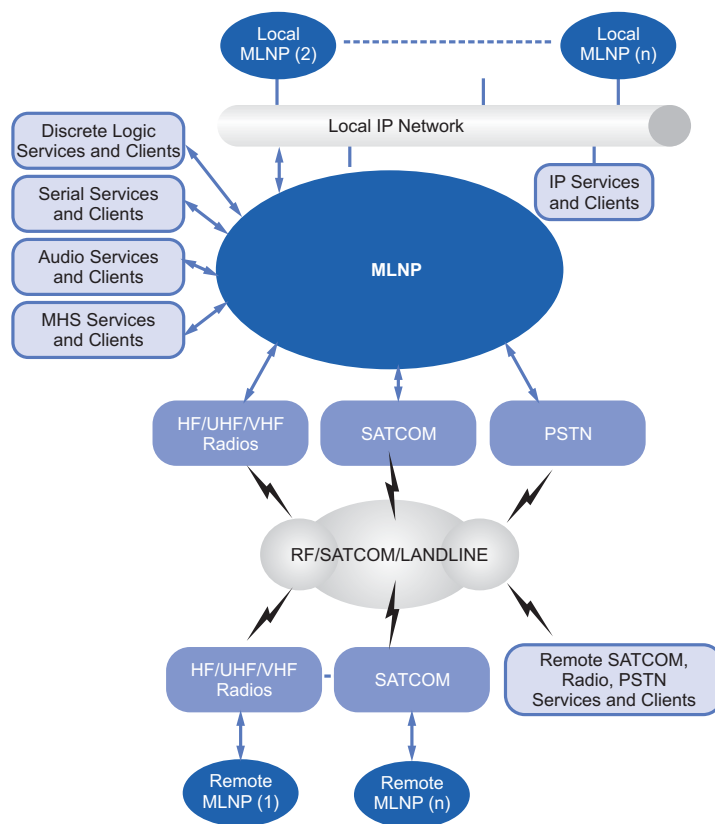
- Link-11 Data Terminal Set
- Link-22 Modem/Net Control
- RS232 and RS422 (synchronous and asynchronous)
- IP Interfaces, audio
- NTDS and ATDS
- SATCOM

Message Handling

- MS Outlook based server and client management software
- Formal messaging and message format validation
- STANAG 4406, ACP-123, ACP-126 & ACP-127
- X.400 and X.500
- M, J & FJ series messages, 5511, 5516, 5522, MIL-STD-6011A & MIL-STD-6016

Control Monitoring and Management

- Switching Matrix for automatic radio system control and routing
- Automatic network routing and remote management
- IP LAN
- Configurable operator HMI and GUI
- Audio processing and recording system
- User screen recording system



Ultra secure data link solutions around the world today



MISSION CRITICAL SECURE NETWORKS AND SYSTEMS

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