

TDL NETWORKS DON'T JUST MONITOR THEM, MANAGE THEM

MLM

INTEGRATED BATTLE COMMAND

INTELLIGENCE & CYBER SECURITY

GLOBAL COMBAT NETWORKS

AIR DEFENCE

BORDER, FACILITIES & FORCE PROTECTION

BUSINESS SOLUTIONS

BUSINESS SERVICES



BAE Systems' MLM (Multi-Link Manager) provides you with all the tools necessary to support the active and dynamic management of TDL (Tactical Data Link) networks.

Without disrupting a network in use, you can quickly correct network problems or implement new plans without negatively impacting network performance or efficiency.

Exploitation of MLM allows warfighters to plan, evaluate, participate, monitor, dynamically manage and analyse complex multi-link networks including Link 11, Link 16 and IJMS.

MLM ensures a network is not just planned to be effective, but that it remains effective.



MLM provides you with a comprehensive toolkit of integrated and user-friendly capabilities to monitor, assess and compare all aspects of multi-link operations. Multiple datalink types and multiple concurrent networks can be monitored.

Network and platform performance, usage and connectivity information is assessed to detect network problems and bottlenecks that could impact operational effectiveness. Predictive "what-if" changes allow you to evaluate the impact of potential changes before implementation.

Network performance

Full Situation Awareness Display
Timeslot Usage and Validity
Network/Unit NPG Usage Trend Analysis
Pool Usage Trend Analysis
Network/Unit Time and Position Quality Assessment
Unit/Track Positional Stability Monitoring
Network/Unit Track Reporting Analysis
On-Line Message Review/Filtering
Data Looping Indicators
Planned/Unplanned Units
Platform Planned/Actual Tasking Times
Track report load monitoring
Track block usage monitoring
IFF conflict reporting
ID conflict reporting

Network connectivity

Actual direct and relay connectivity
High error rate detection
Platform connectivity history
Platform connectivity matrix
Terrain cross-section display
Theoretical "what-if" connectivity assessment
Theoretical platform transmission coverage range
Unit IEM connectivity

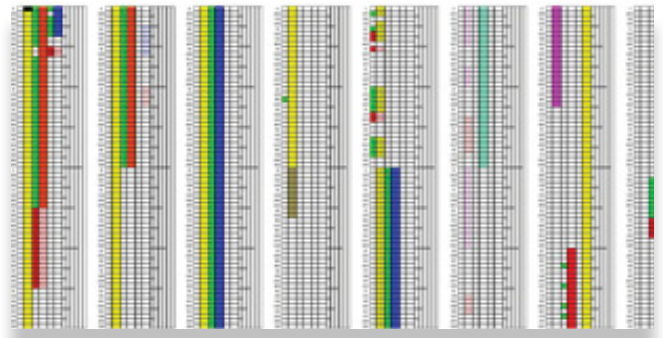
Deployment options

Fixed multi-site ground infrastructure
Maritime standalone or integrated solutions
Remote or local control options
Standalone expeditionary capability

Functions

Single/multi-terminal solutions
Single/multi-network capability
Single/multi-link connectivity
Single/multi-operator configurations
Link 16 design evaluation
Multi-link architecture planning
Multi-link equipment control
Multi-link monitoring
Dynamic network management
Frequency clearance agreement monitoring
Post mission analysis
Embedded operator training

**THE EFFICIENT
CAPACITY
MANAGEMENT OF
CRITICAL DATA LINK
NETWORKS IS VITAL
IN ENSURING FORCE
EFFECTIVENESS IS
NOT DEGRADED**



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