

# 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.



No plan is ever perfect. MLM provides all the tools necessary to support the active and dynamic management of multi-link networks. Network managers can quickly correct network problems without negatively impacting network performance or efficiency. With MLM there is no need to bring down a network in use.

Over-the-air MLM features ensure a network is not just planned to be effective, but that it remains effective.

## Network management actions

Add/delete timeslots/relay assignments  
Transfer full/partial platform loads between units  
Transfer unused platform loads  
Transfer/update relay duties  
Split unused slots  
Reverse updates made  
Full validation checks for each update action  
Manual slot creation and transmission  
Update initial entry message  
Update Net/NPG CVLLs  
Request test message  
Update network time  
CVLL status requests  
React to network capacity requests  
Local slot updates  
Assign alternate STN to IDS  
Operator update audit trail

## Network structure display

Graphical Network/Net/NPG displays  
Graphical timeslot map  
NPG packing lists  
Textual timeslot assignment lists

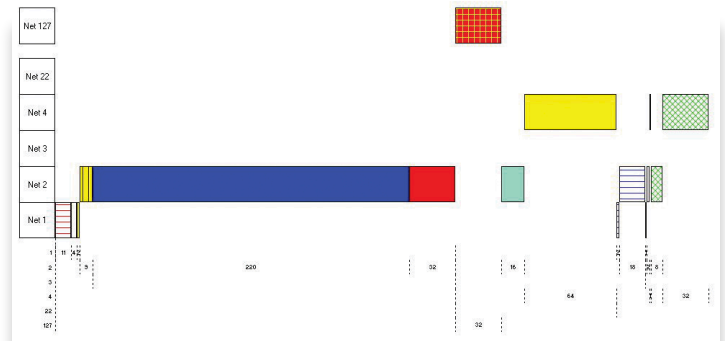
## Deployment options

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**



## FOR MORE INFORMATION CONTACT:

BAE SYSTEMS plc  
Alvington  
Yeovil  
Somerset  
BA22 8UZ

Telephone: +44 (0) 1935 443000  
Facsimile: +44 (0) 1935 443111

enquiries@baesystems.com  
www.baesystems.com

## Disclaimer and copyright

This document gives only a general description of products and services and except where expressly provided otherwise shall not form part of any contract. From time to time, changes may be made in the products or conditions of supply.

© BAE Systems plc 2011. All rights reserved.

Permission to reproduce any part of this publication should be sought from BAE Systems plc. Permission will usually be given, provided the source is acknowledged.

BAE SYSTEMS is a registered trade mark of BAE Systems plc.

