

The ever increasing number of datalink enabled platforms operating in ever more complex multi-national operations has rapidly generated the need for automated planning support.

To date this capability gap has been partly addressed by simple drawing tools - TacPlan changes that. TacPlan provides the first multi-link planning tool designed to quickly and accurately develop a validated multi-link architecture - ensuring that the link environment is working from day one of the operation.

TacPlan maintains a completely configurable library of platform and network profiles that can be used to rapidly create the core architecture. These details can then be quickly and easily amended to reflect the actual operational requirements.

TacPlan provides a range of automated analysis and validation features to enable the operator to quickly establish the operational effectiveness of the proposed architecture allowing informed decisions to be made to maximise the operational benefits of the datalinks deployed.

#### LINKS SUPPORTED INCLUDE:

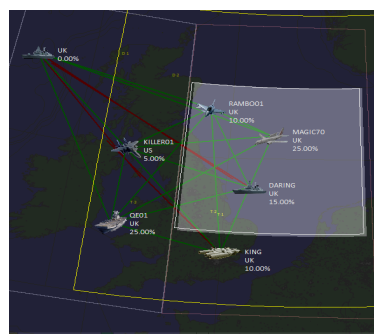
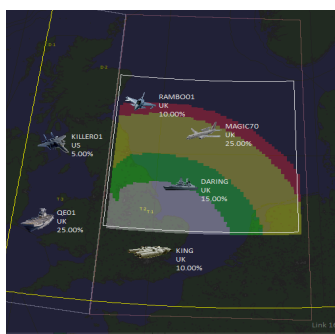
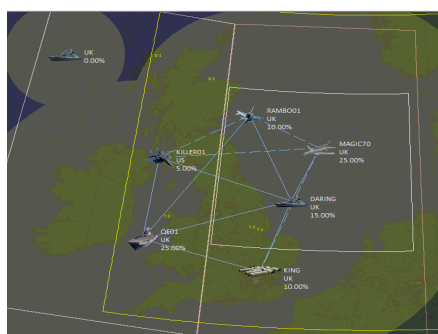
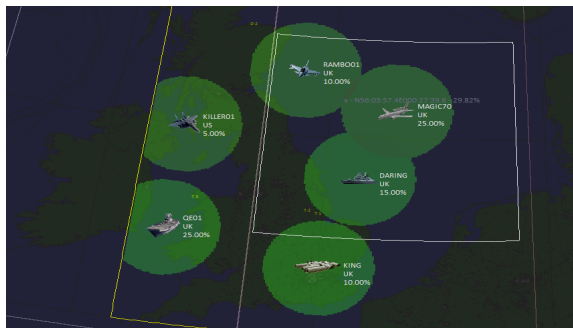
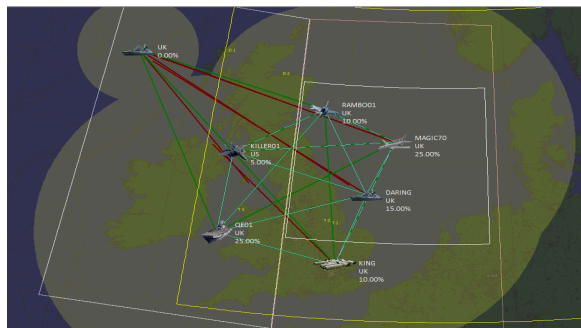
- Link 1
- Link 11A/B
- MIDS Link 16
- JREAP
- Link 22
- SADL
- VMF

# TacPlan

THE COMPLETE MULTI-LINK PLANNER

# Meta

MISSION DATA



<b>Track Block</b>	
L16 Start TN	A0001
L16 End TN	00000
L16 FWD Start TN	Z0001
L16 FWD End TN	Z0765
<b>IDU/Options</b>	
<b>Sync</b>	
L16 User Type	Primary User
<b>Duties</b>	
NTR	No
ETR	Yes
IEJU	Yes
PR	No
Relay	Yes
NM	
<b>Transmission</b>	
<b>TSDF/ETSDF</b>	
Expected L16 Total TSDF	26.40%
L16 Data TSDF	9.44%
<b>General</b>	
Name	UK Daily Network
Description	Standard UK Network
Design	UKP005A
<b>Synchronisation</b>	
Time Source	GMT
Time Offset	GPS
Sync Description	Other
<b>Control Nets</b>	
Net	12
Usage	Blue Control
Net	21
Usage	Red Control
Net	0
Usage	
Net	0
Usage	
<b>Other R Nets</b>	
None R Nets	

## OPERATOR FRIENDLY GRAPHICAL PLANNING INTERFACE:

- Windows HMI
- Man-readable validated field entry
- Drag and Drop

## LIBRARY OF PLATFORM CAPABILITIES/LIMITATIONS AND IERS:

- Platform performance characteristics
- Link capability and network usage requirements
- Information exchange capabilities
- Default duty/role assignments

## LIBRARY OF NETWORK ARCHITECTURES:

- Network performance characteristics
- Default crypto and network wide settings

## FREQUENCY CLEARANCE AGREEMENT (FCA) VALIDATION:

- Platform and Network TSDF/ETSDF
- Geo and Area TSDF (foreground and background)
- Navigation Aids
- FCA validation report generation

## CROSS-BORDER FREQUENCY MANAGEMENT SUPPORT:

- Import/Export of JCM/JFAR
- Network and Platform Connectivity Assessments
- Terrain based Line-of-Sight and transmission coverage areas
- Effects of Relays, Gateways and Forwarders

## RANGE OF PLANNING OUTPUTS:

- OPTASK LINK Signal in multiple formats
- Link 16 Network Design Request
- Daily Planning Timelines

## ARCHITECTURE VALIDATION:

- Synchronisation
- Information exchange capabilities
- Data looping
- TN Validation

FOR MORE INFORMATION ON TACPLAN, PLEASE CONTACT:

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