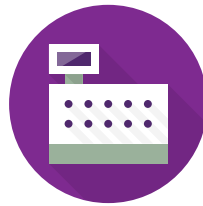# MANDRIL

Message Analysis and Data Reduction for the Integration of Links

Most powerful tool of its kind

Can decode 70+ data formats

Supports multiple TDLS and Standards

MANDRIL is a Tactical Data Link post mission analysis tool. It automates the key interoperability analysis tasks to provide insight into mission system operation and conformity to Tactical Data Link (TDL) Standards by providing a human readable decode of all TDL messages. MANDRIL utilises the power of Microsoft Excel to analyse all aspects of a Multi-TDL network and provides textual and graphical replay capabilities in both 2D and 3D.

Capabilities

▶ Provides a decode of all TDL messages for Link 11, 16, 22, and VMF

▶ Multi-link and multi-terminal compatible

▶ Supports a wide range of recording formats for decode (>70)

▶ Real-time animation of scenario data in 2D and 3D (via the Flywire application)

▶ Easily updated and extended message formats IP and XML enabled

▶ Automated rule checker for compliance against any message standard (STANAG and MIL-STD)

▶ Key component of the iSMART process

▶ Integrated suite of software for analysing link data recordings

Features

▶ Powerful spread sheeting and graph plotting tools. Numerical and graphical output formats

▶ Graph plotting wizard with pre-defined graph types. Hyperlinks for navigation between block decodes

Benefits

▶ Reduces time, resource & cost of analysis through automation

▶ Proven internationally for finding and resolving interoperability problems through system lifecycle

▶ All recordings from the suite of tools and many industry toolsets compatible with MANDRIL for post-test detailed analysis

▶ Rich feature set with a user- friendly interface

▶ Software updates to support new standards and platforms

▶ Comprehensive technical support and maintenance

▶ User group and customer feedback drives continuous development

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