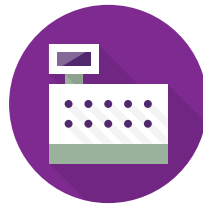


MANDRIL

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

	A	B	C	D	E	F	G
1							
2	File A	L:\Mandril\Technical\Test_Data\Compare Function\J2.2 and J3.3_Original.cas					
3	File B	L:\Mandril\Technical\Test_Data\Compare Function\J2.2 and J3.3_AI1.cas					
4	Offset (A)	00:00:00.000	(positive)				
5	Offset (B)	00:00:00.000	(positive)				
6	Time Window	23:59:59.999					
7							
8							
9	Time (File A)	Time (File B)	MESSAGE NAME	STN (File A)	STN (File B)	TN/MN (File A)	TN/MN (File B)
10							
11							
12	11:20:56.695	11:20:56.695	J3.2	00024	00024	YY510	YY510
13	11:20:57.445	11:20:57.445	J3.2	00024	00024	YY516	YY516
14	11:20:57.484	11:20:57.484	J3.2	00024	00024	YY516	YY516
15	11:21:01.945	11:21:01.945	J3.2	00020	00020	YY517	YY517
16	11:21:01.984	11:21:01.984	J3.2	00020	00020	YY517	YY517
17	11:21:10.195	11:21:10.195	J3.2	00020	00020	YY522	YY522
18	11:21:10.242	11:21:10.242	J3.2	00020	00020	YY522	YY522
19	11:21:13.195	11:21:13.195	J3.2	00020	00020	YY513	YY513
20	11:21:13.242	11:21:13.242	J3.2	00020	00020	YY513	YY513
21	11:21:15.445	11:21:15.445	J3.2	00020	00020	YY515	YY515
22	11:21:15.492	11:21:15.492	J3.2	00020	00020	YY515	YY515
23	11:21:25.195	11:21:25.195	J3.2	00020	00020	YY513	YY513
24	11:21:25.242	11:21:25.242	J3.2	00020	00020	YY513	YY513
25	11:21:26.695	11:21:26.695	J3.2	00020	00020	YY517	YY517
26	11:21:26.742	11:21:26.742	J3.2	00020	00020	YY517	YY517
27	11:21:28.195	11:21:28.195	J3.2	00020	00020	YY515	YY515
28	11:21:28.242	11:21:28.242	J3.2	00020	00020	YY515	YY515
29	11:21:33.445	11:21:33.445	J3.2	00020	00020	YY521	YY521
30	11:21:38.695	11:21:38.695	J3.2	00020	00020	YY517	YY517
31	11:21:38.742	11:21:38.742	J3.2	00020	00020	YY517	YY517
32		11:21:45.445	J3.2		00020		YY510
33	11:21:45.445	11:21:45.445	J3.2	00020	00020	YY521	YY521
34	11:21:45.445		J3.2	00020		YY510	
35	11:21:45.492	11:21:45.492	J3.2	00020	00020	YY510	YY510
36	11:21:45.492	11:21:45.492	J3.2	00020	00020	YY521	YY521
37	11:21:46.195	11:21:46.195	J3.2	00020	00020	YY516	YY516
38	11:21:46.242	11:21:46.242	J3.2	00020	00020	YY516	YY516
39	11:21:49.945	11:21:49.945	J3.2	00020	00020	YY513	YY513
40	11:21:49.992	11:21:49.992	J3.2	00020	00020	YY513	YY513
41	11:21:50.695	11:21:50.695	J3.2	00020	00020	YY517	YY517
42	11:21:50.742	11:21:50.742	J3.2	00020	00020	YY517	YY517
43		11:21:57.445	J3.2		00020		YY510

If you are interested in our TDL capabilities, please get in touch:

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