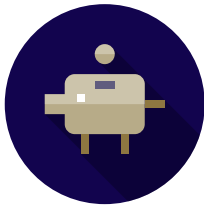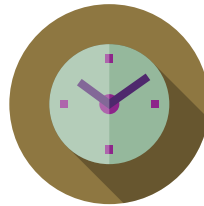# CIVET

Combined Interoperability & Validation Tool

Record and playback message data

Real-time decoding of Link 16 and 11 message data

Identify Variations against the message standard

CIVET is a real-time message decode, monitoring and recording facility for Link 11 and Link 16 platforms. Developed to be utilised with real terminals/radios or in a simulated environment. CIVET provides the user with the capability to detect, identify and investigate message anomalies in real-time for compliance with the selected Tactical Data Link (TDL) Standard.

Capabilities

▶ Supports the checking of L11/L16 tactical messages against any of the TDL standards (STANAG or MIL-STD) or in accordance with a user defined edition

▶ Supports the latest terminal platform types Supports the following interfaces:

→ SIMPLE

→ JREAP-C

→ MIL-STD-1553B

→ Ethernet

→ MIDS LVT Support Port

▶ Incorporates a Network Design/Initialisation Data Preparation Facility function to generate or edit Terminal Initialisation Data Loads for test support activities

▶ Real-time filterable simultaneous auto analysis for Link 16 and 11 messages (to bit level)

▶ Record and replay facility for post mission test analysis

▶ Automatic alerting for non-compliance with a standard or specific message content

▶ Interface to MANDRIL for real-time/replay 2D and 3D situational awareness displays

▶ MIDS JTRS CMN4 and MIDS LVT BU#2 ready

Benefits

▶ Focuses the areas to be investigated through Post Test analysis reducing time, effort and cost during evaluation

▶ Can be used to forward data to meet test environment requirements reducing the cost of additional tools

▶ All recordings compatible with MANDRIL for post-test detailed analysis

▶ Software updates to support new standards and platforms

▶ Comprehensive technical support and maintenance

▶ User group and customer feedback drives continuous development a standard or specific message content

▶ Interface to MANDRIL for real-time/ replay 2D and 3D situational awareness displays

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