

Rosetta Rapid Loader



The Rosetta Rapid Loader Suite has proven data loading capabilities which consist of an interface to the JTIDS terminal via MIL-STD-1553 bus, network loading software and terminal diagnostic software.

Our Rosetta Rapid Loader currently supports JTIDS Class 2 terminals, the MIDS/LVT-1 terminal, the MIDS/LVT-3 (FDL) terminal, and the AN/URC-138 (SHAR) terminal. The system acts as a bus controller, giving the user complete control of the JTIDS terminal. This allows the user to perform functions such as setting the platform JU number or changing Voice Net Numbers.

The Rosetta Rapid Loader provides a method to initialize and extract data from the terminal as well as perform terminal Built-In Test (BIT) at both the WRA and SRA level. The Rapid Loader reads terminal initialization data provided by JTIDS Network Design Facilities and has an edit function that allows the user to modify those parameters.

The user may configure Rapid Loader to automatically patch platform specific load parameters, thus tailoring any network for the selected JTIDS platform. The patches are user definable through the control files used by the Rosetta Rapid Loader Suite.

Additionally, the Rapid Loader provides a method to monitor the network load, pull time slots from the terminal, and perform extensive diagnostics.

The diagnostics module provides end-to-end system diagnosis of the installed JTIDS system including antennas, DDPG, RT, HPA (where installed) and associated paths.

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KEY FEATURES

- › Link 16 network and terminal manager
- › Runs on Windows NT® or Windows® 2000 operating systems
- › Customizable user interface designed by operators
- › Provides ongoing status, load status, and hardware status
- › Can set any field on the fly
- › Load, edit, and save multiple file formats, including
 - Joint design aid output files
 - NCTSI NDF files
 - GRAP TNDS files
 - Air Force NDL files

Rapid Loader includes extensive online help manuals providing information on the operation of Rapid Loader as well as information on diagnosing JTIDS terminal anomalies.

Status Icons at the bottom of the Rapid Loader Main Menu enable quick analysis of the JTIDS system status.

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