Software Product Description

PRODUCT NAME: DECconcentrator 500 Software Microcode, Version 3.0 SPD 32.29.04

DESCRIPTION

DECconcentrator 500 Software Microcode is dedicated microcode which runs in the DECconcentrator 500 hardware platform. The DECconcentrator 500 is a FDDI concentrator designed to comply with ANSI X3T9 FDDI standard. It allows customers to connect FDDI devices such as workstations, servers, systems, DECbridge 500, etc., to FDDI ring networks.

DECconcentrator 500 hardware is shipped from the factory with the DECconcentrator 500 Software Microcode preloaded. The microcode resides in electronically alterable memory within DECconcentrator 500 hardware, and can be updated via downline load if new versions of the microcode are issued. It is maintained in the hardware base even during power-off states.

DECconcentrator 500 hardware is available in modular configurations. If a device connection fails, it automatically bypasses the failed port.

General characteristics of DECconcentrator 500 Software Microcode are:

- Performs initialization and bootstrapping.
- Performs Diagnostic Selftest automatically at power-up and also when initiated by DECelms network management software.
- Performs FDDI Station Management (SMT) based on the ANSI X3T9 Standard, SMT V6.2.
- Holds and updates all the DECconcentrator 500 counters and settable parameters.
- Supports reception, processing and transmission of remote network management packets generated by DECelms network management software, MOP and SMT.
- Supports reception, processing and transmission of remote network management packets generated by SNMP network management software.
- Accepts downline load of new firmware when initiated via MOP for upgrades (when Network Management module, DEFCN-M, is installed).
- Supports both four and six port modules.
- Uses Ring Purge algorithm to eliminate no-owner frames.

HARDWARE REQUIREMENTS

DECconcentrator 500 hardware is required to run DECconcentrator 500 Software Microcode.

SOFTWARE LICENSING

The software license required to run DECconcentrator 500 Software Microcode is included with the hardware.

This software is furnished under the licensing provisions of Digital Equipment Corporation's Standard Terms and Conditions. For more information about Digital's licensing terms and policies, contact your local Digital office.

SOFTWARE WARRANTY

Warranty of this software microcode product is provided by Digital with the purchase of a license for the product as defined in the Software Warranty Addendum of this SPD.

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