



AA-Q2TSJ-TE

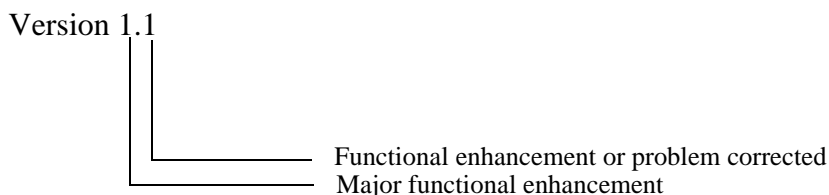
**DECconcentrator 900MX  
Release Notes  
Firmware Version V3.4  
March 1999**

These release notes contain firmware and software requirements, and list known conditions and restrictions that apply to the operation of the DECconcentrator 900MX module.

Additional release notes can be found online. Refer to the section that is titled Accessing Online Information for information about retrieving online release notes.

As warranted, we change the firmware of this device to make functional enhancements or to correct reported problems. These release notes identify enhancements and changes to the firmware that impact end- user operations. They also contain firmware and software requirements, and list updates in this release as well as known conditions and restrictions that apply to the operation of the DECconcentrator 900MX module.

The following example describes the firmware version number:



## Contents

- Firmware Requirements ..... 2
- Software Requirements ..... 2
- Fixed in This Release ..... 2
- Known Conditions and Restrictions ..... 3
  - Single-Mode Fiber (SMF) ModPMD Support ..... 3
  - Use of Optical Bypass Relay ..... 3
  - Enable/Disable Request to Send (RTS)..... 3
  - Power Supply Requirements in a DIGITAL MultiSwitch 900 ..... 3
  - clearVISN ..... 4
- MIB and RFC Information ..... 5
- Accessing Online Information..... 6

## **Firmware Requirements**

We require that you use DIGITAL MultiSwitch 900 firmware version 5.4, or higher, to manage the DECconcentrator 900MX running firmware version 3.4.

## **Software Requirements**

If you are using MultiChassis Manager to manage the DECconcentrator 900MX, we suggest that you install clearVISN version 2.2, or higher.

If you are using MultiChassis Manager to manage the DECconcentrator 900MX, Digital Equipment Corporation requires that you install MultiChassis Manager, version 6.3 or higher.

## **Fixed in This Release**

This firmware version (V3.4) resolves problems found in earlier firmware versions:

- Occasionally, the concentrator would stop responding to SMT and IP frames. This was due to the input processing task thinking there were not any more frames to process when there really was. This has been fixed in this release.
- The auto-disconnect feature would incorrectly disable M ports when its M-S connection was lost. This has been fixed in this release.
- There was a 3-byte window where an oversize frame would be let through. This could corrupt memory resulting in a system crash or a system crash would occur in attempting to transmit the response frame. This has been fixed in this release.

## Known Conditions and Restrictions

The module's conditions and restrictions are described in the following sections.

### ***Single-Mode Fiber (SMF) ModPMD Support***

There are two single-mode fiber (SMF) ModPMD models.

- The DEFXS-AA SMF ModPMD is not supported.
- The DEFXS-BA SMF ModPMD can be installed into adjacent ModPMD ports without restriction. No restrictions apply to the number of DEFXS-BA SMF ModPMD modules that can be installed.

### ***Use of Optical Bypass Relay***

For ANSI-compliant operation from an Optical Bypass Relay (OBR), the OBR must connect to the A and B ports of the same module.

When installed into a DEChub ONE-MX, only the OBR on the DEChub ONE-MX is active.

### ***Enable/Disable Request to Send (RTS)***

When the DECconcentrator 900MX is installed into a docking station, users can choose, via the setup port, to have the OBM port's RTS asserted all the time or only when a packet is to be transmitted. With firmware version V3.4, data terminal read (DTR) and RTS are asserted/deasserted together, as shown in Table 1.

**Table 1: Enable/Disable RTS**

<b>Enable/Disable RTS</b>	<b>Packet to Transit</b>	<b>RTS</b>	<b>DTR</b>
Disabled	No	Asserted	Asserted
Disabled	Yes	Asserted	Asserted
Enabled	No	Deasserted	Deasserted
Enabled	Yes	Asserted	Asserted

### ***Power Supply Requirements in a DIGITAL MultiSwitch 900***

When using three power-supply modules, of any model, you can install eight DECconcentrator 900MX modules in a DIGITAL MultiSwitch 900.

## ***clearVISN***

This software section provides information on clearVISN software.

### **Support for Products**

clearVISN software Version 2.2 provides support for the DECconcentrator 900MX product. Refer to the clearVISN documentation and Release Notes for details on the use of clearVISN MultiChassis Manager.

### **Support for Flash Loader Application**

The Flash Loader application may be used to upgrade the firmware in the DECconcentrator 900MX product, if needed.

### **Support for Recovery Manager**

The recovery manager is not supported in clearVISN software Version 2.1 but is supported in clearVISN software Version 2.2.

## **MIB and RFC Information**

The DECconcentrator 900MX module supports the following MIBs and RFCs:

- Built-in SNMP agent supports the following management information bases (MIBs):
  - MIB II, RFC 1213
  - FDDI MIB, RFC 1512
  - Digital Extended MIB V3.0
  - PCOM MIB, June 1995
- Support for SMT 7.3 Station Management (X3.229-1994)

## **Accessing Online Information**

### ***Documentation Comments***

If you have comments or suggestions about this document, send them to:  
**TechWriting@cabletron.com**

### ***Online Services***

To locate product-specific information, refer to the following World Wide Web sites:

<b>Americas:</b>	<b><a href="http://www.networks.digital.com">http://www.networks.digital.com</a></b> <b>or</b> <b><a href="http://www.cabletron.com">http://www.cabletron.com</a></b>
<b>Europe:</b>	<b><a href="http://www.networks.europe.digital.com">http://www.networks.europe.digital.com</a></b>
<b>Asia Pacific:</b>	<b><a href="http://www.networks.digital.com.au">http://www.networks.digital.com.au</a></b>

© 1999 by Cabletron Systems, Inc., P.O. Box 5005, Rochester, NH 03866-5005

All Rights Reserved. Printed in the United States of America.

DECconcentrator, DEChub, *clearVISN* and the *clearVISN* logo are trademarks of Cabletron Systems, Inc.

DEC, DIGITAL and the DIGITAL logo are trademarks of Compaq Computer Corporation.

All other trademarks or registered trademarks are the property of their respective holders.