

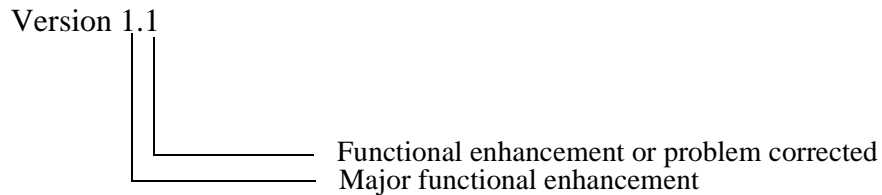


AA-R4AMC-TE

PORTswitch 900TP/12 Release Notes Firmware Version V1.2 March 1999

As warranted, changes 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 PORTswitch 900TP/12 module.

The following example describes the firmware version number:



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Firmware Requirements

We require that you use DIGITAL MultiSwitch 900 firmware Version 5.4, or higher, to manage the PORTswitch 900TP/12.

Software Requirements

If you are using clearVISN software to manage the PORTswitch 900TP/12, you must install clearVISN software Version 2.2 or higher. Note that clearVISN software Version 2.2 requires DIGITAL MultiSwitch 900 Version 5.4.

Fixed in This Release

One of the DIGITAL MultiSwitch 900 backplane connections would lockup when a PORTswitch 900TP/12 module *and* any VNSwitch module would reside in the same DIGITAL MultiSwitch 900. This has been fixed in this release.

Firmware Enhancements

The enhancements in this release are an implementation of two RMON groups: Alarms and Events. These groups are a subset of the RMON management information base (MIB) groups, based on the IETF standard RFC 1757. You can use the Alarms and Events to monitor MIB objects within the module (see the following table). To create alarm and event table entries, you can use an SNMP application. The module is configured with eight default alarms and events that can be modified or deleted. The following table contains descriptions of the default messages:

This Alarm Message...	Means...
Port autopartitioned or operational	One or more ports has been autopartitioned, or a port that was previously autopartitioned is now operational.
NVRAM full	There is no more memory for nonvolatile parameters.
Health text changes	The module's operational state has changed.
Total ports events	The total number of times a port has become nonoperational, autopartitioned, or unavailable.
Total repeater errors	The total number of errors for this module.
Redundant-link state changes	The module's link state change has occurred while using redundant-link configuration.
Security violation	A security violation has occurred on one or more ports.
Media available or unavailable	One or more media have become available or unavailable.

Known Conditions and Restrictions

The following list describes PORTswitch 900TP/12 conditions and restrictions:

clearVISN

- Port counters show the previous state of the 2-wire or the 6-wire LAN connection when ports are moved from one to the other on the PORTswitch window. For example, if a port has traffic on a 2-wire LAN and is moved to a 6-wire LAN, its 2-wire counters are no longer visible. However, if the port is moved back to the previous 2-wire LAN, its previous counter state is restored. Note that a PORT is always connected to 2-wire or 6-wire LAN even if it is not connected onto a back plane flex channel.
- Ports should **ONLY** be disabled through the Repeater Summary or the Repeater Port Summary. A port should **ONLY** be disabled in the following ways:
 - Clicking on the Port State icon in the Repeater Summary window.
 - Clicking Disable in the Repeater Port Summary window.
 - Clicking Disable in the Repeater Port Details window.

NOTE

DO NOT use the PORTswitch window to disable a port. If you do so, the next time the module is reset, the port will be enabled onto the Group1, which might not be the Group the user had selected before the reset.

If the Repeater Summary window is used to disable all ports, ports will be enabled as they are moved in the PORTswitch window.

- The Management Agent Module (MAM) on the DIGITAL MultiSwitch 900 should be configured to support all the traps. Some of the traps, such as Linkup/linkdown and cold start are only available if the MAM is configured with trap destinations.
- The PORTswitch/TP12 shows incorrect pcomOperStatus when installed in a docking station.
- The Partitions count for every port in a group increments in the Port Summary window when the group it belongs to is mapped to an backplane channel in the hub. This only happens when it is mapped and not when it is unmapped.
- Under extreme broadcast storms, it is possible to lose the IP services capability of the module.

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 one of the following World Wide Web sites:

Americas:	http://www.networks.digital.com or http://www.cabletron.com
Europe:	http://www.networks.europe.digital.com
Asia Pacific:	http://www.networks.digital.com.au

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