



# Software Product Information

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**PRODUCT NAME: clearVISN Recovery Manager  
Version 2.3 - Windows Suite**

**9033110  
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## **Description**

clearVISN Recovery Manager is designed to save the configuration of a supported network device to a file on disk and restore that configuration back to the network device. It performs the following functions for supported devices:

- Back up all Simple Network Management Protocol (SNMP) parameters from a network device to a file on disk.
- Restore all saved parameters from a file into a selected network device.
- Copy all parameters from one network device to another network device of a similar kind.

For some device types, you can perform backups and restores by MIB groups. For other devices, the entire active RAM records are backed up using a TFTP transfer.

clearVISN Recovery Manager works either standalone or with other clearVISN applications on the same system.

The clearVISN Recovery Manager application is a flexible SNMP tool that runs in the Windows 95®, Windows 98®, or Windows NT™ environments. The graphical user interface (GUI) allows you to capture the configuration of an active hub or hub module. At anytime later, you can restore these configuration settings to the same or to any like module. This capability is helpful in the following scenarios:

- A previously working module has been replaced, and you want the replacement to be set up identically to the original.

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- You have numerous devices of the same type, for which you want identical or almost identical setups. You need only to configure the first device, save the configuration, then restore it to the other similar devices. It is then easier to make the few necessary changes for the differences among the devices.
- You have everything working as planned, and you want to save this configuration. Then if something goes wrong later, you can restore the configuration from the saved file.

Some devices, while having differences in one aspect or another, can be considered to be members of the same family. For example, when the devices support the same Management Information Base (MIB) groups. clearVISN Recovery Manager allows you to restore some configuration parameters to other devices in the same family.

### Supported Devices

The following supported devices can be backed up or restored using clearVISN Recovery Manager:

PORTswitch	900CP, FP, TP, TP/12
DECrepeater	90TS and 90FS
DECrepeater	90C, 90T, 90T+, 90T-16, 90FL, 90FA in a DIGITAL MultiSwitch 900 chassis only
DECbridge	900MX
DECconcentrator	900MX, 900TH, 900FH
DIGITAL MultiSwitch	900
DIGITAL MultiSwitch	Fast Ethernet Hub 924TX
DECmau	900TH
DECmau	900TL in a DIGITAL MultiSwitch 900 chassis with a DECmau 900TH
GIGAswitch/FDDI	with v3.1 firmware or later
DIGITAL MultiSwitch	600
DIGITAL MultiSwitch	600 Stack Director
DIGITAL MultiSwitch	624T, 612TX repeater
DIGITAL MultiSwitch	612EX switch
DECrepeater	900GM, 900TM, 900FP
DECrepeater	900TL, 900SL, 900FL, in a DIGITAL MultiSwitch with a DECmau 900TH
DECswitch	900EE, 900EF, and 900FO (non-routing versions only)
GIGAswitch/ATM	5-slot, 14-slot
RoamAbout Access Point	
ATMswitch	900F, 900T

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PEswitch	900TX
VNswitch	900 CC, CG, GV, EA, EE, EF, EX, FA, FF, FX, GV, LL, XA, XX

Recovery Manager supports the backplane connections for RouteAbout Central and all DECswitches running routing software.

### User Interface

clearVISN Recovery Manager has two interfaces: a GUI and a command file interface. The GUI is the expected interface to the product. The command file interface exists so that backup and restore functions can be submitted to a batch queue for execution at some other time. clearVISN Recovery Manager automatically generates the command files used by its command file interface.

### Components of clearVISN Recovery Manager

clearVISN Recovery Manager consists of several components:

- Image file—This file contains the clearVISN Recovery Manager program.
- Script files—Script files contain backup and restore scripts written in the special clearVISN Recovery Manager language.
- Master file—This file maps sysObjectIDs to device type to a backup script or a restore script.
- MIB Master file—This file maps MIB names to their object identifiers (OIDs).
- Online help files— Help files exist for every screen.

### Using clearVISN Recovery Manager

You use clearVISN Recovery Manager to perform backup and restore operations.

#### Performing a Backup Operation

To perform a backup operation, (saving the configuration of a network device to a saved data file), use the following procedure:

Select (by IP/Community) a network device to be backed up. The device can be a module in a hub, a standalone module, or a DIGITAL MultiSwitch 900. If the device is a DIGITAL MultiSwitch 900, the Hub Manager and any of the supported modules within the hub can be selected. For supported devices, the backup subset options are displayed for the device (or devices, if a DIGITAL MultiSwitch 900).

You then select the following:

- full backup or the backup subset options if available for the device
- the filename for the saved data
- optionally, the file name of the automatically generated command file

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When you press the OK button, clearVISN Recovery Manager performs the selected backup operations. Status is written to a log file and displayed in the Status window.

### Performing a Restore Operation

To perform a restore (from a saved data file to a network device), use the following procedure:

- 1) Select (by IP/Community) a network device to be restored. The device can be a module in a hub, a standalone module, or a DIGITAL MultiSwitch 900.
- 2) Enter the filename that contains the saved data for the device. The device and the saved data file are compared to determine what restore operations can be performed and which restore subset options are available. (If a device has the following backup subset options—full, A, B, and C, and if you backed up only subsets A and C, then only A and C are available to be restored.)
- 3) Select which subsets (if subsets are available) and which devices (if the devices are in a hub) are to be restored.

Optionally, you can provide the file name of a clearVISN Recovery Manager command file to be generated.

- 4) Click the OK button. clearVISN Recovery Manager performs the selected restore operations. Status is written to a log file and displayed in the Status window.

### Hardware Requirements

- Intel<sup>®</sup> Pentium 200MHz or higher performance IBM<sup>®</sup>-compatible PC
- Color monitor with 800 x 600 resolution
- Minimum 64 MB RAM
- CD-ROM drive
- Minimum 100 MB of disk space
- Mouse or other pointing device supported by Windows
- 32-bit Ethernet Network Interface Card (NIC)

The following Alpha processors running Windows NT 4.0 are supported using FX!32:

AlphaStation	200, 250
AlphaServer	400, 1000, 2000, 2100
DECpc AXP 150	
DEC 2000 Server	

## Software Requirements

One of the following operating systems:

- Microsoft Windows 95, Windows 98, or Windows NT V4.0 - Intel
- Microsoft Windows NT V4.0 - Alpha (with FX!32 translator)

## Consolidated Firmware

Firmware in supported devices must be at the latest revision levels. Although the Consolidated Firmware Kit for the DIGITAL devices is included on the clearVISN CD-ROM, it can also be obtained through the Cabletron Web Page at the following address:

*<http://www.cabletron.com/dnpg/dr/hubs/firmware/>*

## Optional Software

Other Cabletron applications include:

- Stack Manager
- MultiChassis Manager
- VLAN Manager
- Fault Policy Manager
- Traffic Policy Manager
- RMON Manager

## Growth Considerations

The minimum hardware and software requirements for any future version of this product may be different from the requirements for the current version.

## Distribution Media

CD-ROM

## Ordering Information

**Note:** The clearVISN CD-ROM contains all the applications and documentation. You need to order only one copy of QA-5FVAB-X8. You must purchase additional QM licenses for each user of the application.

clearVISN Recovery Manager license only:	QM-4YJAA-BA
clearVISN Recovery Manager upgrade license:	QM-4YJAA-BB
CD-ROM and documentation:	QA-5FVAB-X8

**Software Product Services**

Provided by Compaq Computer Corporation, and available through Compaq:

New Version License Service:	QT-4YJAA-TA
Media and Documentation Delivery Service:	QT-5FVAB-E8
Installation:	QT-4YJAA-I9
Telephone Support:	QT-4YJAA-ZA

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**Year 2000 Information**

For Year 2000 information, refer to the Cabletron web page:

*<http://www.cabletron.com/year-2000>*

**Software Warranty**

Warranty for this software product is provided by Compaq with the purchase of a license for the product as defined in the license agreement.

The above information is valid at the time of release. Contact your local Cabletron office for the most up-to-date information.

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