Software Product Description

DESCRIPTION

InfoServer Client for Macintosh software allows a system running the Macintosh Operating System to access storage on the InfoServer 100, InfoServer 150, and InfoServer 1000 systems.

The InfoServer Client for Macintosh communicates with the InfoServer 100 and InfoServer 150 base packaged hardware/software systems to provide remote access to SCSI storage connected to the InfoServer. Storage can be partitioned into virtual disks, each being part or the whole of a drive. These virtual disks are seen by the client as being local. Refer to the InfoServer Software SPD (SPD 33.20.xx) for the functional description.

The protocol stack used to communicate in the client /server relationship is LASTport/Disk (LAD). This protocol stack is designed to optimize transactions in one particular environment, a Local Area Network (LAN), that includes many clients and only a few servers. The LASTport/Disk protocol does not operate across a Wide Area Network (WAN).

The file structure is the responsibility of the Macintosh system (client) accessing the storage connected to the InfoServer. Therefore, any file format supported by the Macintosh system is supported by the InfoServer.

Features

Supports Industry Standard Format CD-ROMs

InfoServer Client for Macintosh is a software product that runs on Apple® Macintosh computers running a minimum of Macintosh System 6.07 through the latest version of Macintosh System 7.0. Using this product, Macintosh clients can access Apple-formatted CD-ROMs, PC industry standard format High Sierra and ISO 9660 CD-ROMs, and Photo CD-ROMs attached to the InfoServer system. The InfoServer Client for Macintosh contains the foreign file extensions necessary for transparent access to these industry standard CD formats.

Multiple READ/WRITE Virtual Disks

Macintosh computers running this client software can also access read/write partitions on Winchester or magneto-optical drives. These partitions can be thought of as an extension of the Macintosh user's personal storage.

While a partition is set up for write access from one Macintosh user, no readers are allowed until the partition is redefined to be read only. There is no interlocking at the server, and the file/record structure is the responsibility of the client system (Apple Macintosh).

Access to the InfoServer's CD-ROM drives is transparent to the Macintosh clients. Clients see the information they require on fully shareable devices as if the devices are locally attached.

The InfoServer eliminates the need to configure one CD-ROM reader per client; any drive attached to the InfoServer can be accessed by any supported client on the LAN.

Automatic Failover

With Version 1.1, the InfoServer Client for Macintosh now includes automatic failover to duplicate media.

Load Balancing

When the same disk is offered more than once on the network, load balancing is provided. This includes the ability to load balance connections within a single InfoServer when duplicate virtual disks are present, as well as between multiple InfoServers with duplicate media on the network.

InfoServer Overview

The InfoServer is an Ethernet-based, high-performance virtual device server capable of making CD-ROMs, hard disks, and magneto-optical devices available to clients on the network. Refer to the InfoServer Software SPD (SPD 33.20.xx) for further information.

The InfoServer connects directly to either ThickWire or ThinWire Ethernet to provide RRD40 and RRD42 CD-ROM; RZ55, RZ56, and RZ57 Winchester hard disk; RWZ01 and Alphatronix Inspire removable magneto-optical read/write disk access to any supported client on the LAN. The InfoServer 100/150 supports up to 100 concurrent users. The InfoServer 1000 ships with 50 concurrent connections enabled, upgradeable to 100 connections via an upgrade license (refer to SPD 33.20.xx for further details). Access from multiple clients to the same or different virtual devices is simultaneous; however, only one client can have write access to a given virtual device, at which time no other clients are allowed read access. One write operation is allowed by any InfoServer client at any given time.

Installation and Configuration Utility

The InfoServer Client for Macintosh software provides:

- An Installer utility to automate installation of the Info-Server Client for Macintosh

- A Control Panel to configure LASTport/disk

- An application to select and mount remote volumes

- Online HELP

Restrictions and Limitations

Note: ISL or remote booting of Macintosh systems from the InfoServer system is not supported at this time.

The InfoServer and all the clients accessing it must be on the same LAN but not necessarily on the same segment (can be bridged). Extended LANs are not supported. The InfoServer Client for Macintosh software product can only be used to access the Digital InfoServer product using Ethernet.

HARDWARE REQUIREMENTS

Processors and/or hardware configurations as specified in the System Support Addendum (SSA 41.44.00-x).

SOFTWARE REQUIREMENTS

- Macintosh Operating System
- InfoServer Software

ORDERING INFORMATION

InfoServer Client for Macintosh Media and
    Documentation: QA-YSHAE-H*

SOFTWARE LICENSING

The right to use the InfoServer Client for Macintosh software is included with the InfoServer Server Software License, which is included in the base Info-Server packaged systems. The InfoServer Client for Macintosh software is licensed only for use with Digital's InfoServer product. Refer to the InfoServer Server Software SPD (SPD 33.20.xx).

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

License Management Facility

This product does not provide support for the License Management Facility. A Product Authorization Key (PAK) is not required for the installation or use of this product.

SOFTWARE PRODUCT SERVICES

A variety of service options are available from Digital. For more information, contact your local Digital office.

SOFTWARE WARRANTY

Warranty for this software 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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System
Support
Addendum

PRODUCT NAME: InfoServer Client for Macintosh®, Version 1.1   **SSA 41.44.01-A**

HARDWARE REQUIREMENTS

Processors Supported

- Macintosh II, Macintosh IIx,
  Macintosh IIcx, Macintosh IIci
  Macintosh IIfx, Macintosh IIsi
- Macintosh LC, Macintosh LC-II
- Macintosh SE 30
- Quadra models 700, 900, 950
- Powerbook models 100, 140, 170, DUO
- Macintosh SE

Restrictions

- The InfoServer does not support Apple CD drives at this time.
- The InfoServer Client for Macintosh does not support Virtual Memory at this time.

Other Hardware Required

- An adapter/card; internal or external

Disk Space Requirements

Disk space required for installation:

HFS file system:	270 Kbytes
additional foreign file extensions:	262 Kbytes

OPTIONAL HARDWARE

None

SOFTWARE REQUIREMENTS

- Macintosh Operating System:
  System 6 at minimum revision 6.07
  System 7
- InfoServer Software V2.1 minimum

OPTIONAL SOFTWARE

None

GROWTH CONSIDERATIONS

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

DISTRIBUTION MEDIA

RX24 low density 3 1/2 inch floppy

ORDERING INFORMATION

InfoServer Client for Macintosh Media and
    Documentation: QA-YSHAE-H*

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

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