Software Product Description

DESCRIPTION

PATHWORKS for SCO UNIX is based on the Personal Computing Systems Architecture (PCSA), which is an extension of Digital Equipment Corporation's systems and networking architecture that merges the Alpha AXP, VAX, MIPS™, Intel386™/Intel486 ™-based servers and different personal computer client environments. The PATHWORKS product family, developed under the PCSA architecture, provides a framework for integrating personal computers into an organization's total information system so that different types of users can share information and network services across the entire organization.

The PATHWORKS family of software products includes:

- PATHWORKS for SCO UNIX — Software that allows an SCO UNIX-based Intel 386/486 system to act as a file and print server to DOS and OS/2® personal computers. PATHWORKS for SCO UNIX is based upon Microsoft® LAN Manager for UNIX (LMU) V2.2. This product is further described in this Software Product Description.

- PATHWORKS for ULTRIX — Software that allows an ULTRIX-based VAX or RISC system to act as a file, printer, and mail server to DOS and OS/2 personal computers, described in SPD 32.44.xx.

- PATHWORKS for VMS — Software that allows an OpenVMS-based VAX or Alpha AXP system to act as a file, printer, and mail server to DOS and OS/2 personal computers, described in SPD 30.50.xx.

- PATHWORKS for OS/2 — Software that allows a personal computer running the OS/2 Operating System to use the facilities provided by PATHWORKS for VMS, PATHWORKS for OS/2, PATHWORKS for ULTRIX, or PATHWORKS for SCO UNIX server software. This software also includes server software that allows an OS/2-based personal computer to act as a file, printer, and mail server to other personal computers, described in SPD 55.24.xx.

- PATHWORKS for OS/2 (TCP/IP) — Software required for a personal computer running the OS/2 Operating System to access services of a PATHWORKS for VMS, PATHWORKS for OS/2, PATHWORKS for ULTRIX, or PATHWORKS for SCO UNIX servers over the TCP/IP network transport, described in SPD 36.58.xx.

- PATHWORKS for Macintosh® — Software that allows an OpenVMS-based VAX system to act as a file or printer server to Macintosh computers. This software also includes Macintosh client applications and utilities, described in SPD 31.53.xx.

- PATHWORKS for DOS — Software that allows a personal computer running the DOS Operating System to use the facilities provided by PATHWORKS for VMS, PATHWORKS for OS/2, PATHWORKS for ULTRIX, or PATHWORKS for SCO UNIX servers, described in SPD 55.07.xx.

- PATHWORKS for DOS (TCP/IP) — Software required for a personal computer running the DOS Operating System to access services of a PATHWORKS for VMS, PATHWORKS for OS/2, PATHWORKS for ULTRIX, or PATHWORKS for SCO UNIX server by means of the TCP/IP network transport, described in SPD 33.45.xx.

- PATHWORKS for DOS (NetWare® Coexistence) — Software required for a personal computer running the DOS Operating System to access services of a Novell® NetWare server while at the same time having the capability to access services of a PATHWORKS for VMS, PATHWORKS for OS/2, PATHWORKS for ULTRIX, or PATHWORKS for SCO UNIX server, described in SPD 34.76.xx.

The PATHWORKS for SCO UNIX software allows Intel 386/486-based computers running the SCO UNIX System V/386 operating system (SPD 32.52.xx), or SCO MPX operating system (SPD 32.74.xx), or SCO Open Desktop operating system (SPD 32.57.xx) to provide network services to DOS and OS/2 users. PATHWORKS for SCO UNIX works in conjunction with PATHWORKS for DOS and PATHWORKS for OS/2 client software to integrate personal computers into the Digital computing environment.

PATHWORKS for SCO UNIX server can offer file, print, and management services to personal computer users.

It allows users to share applications, data, and valuable computing resources. Information can be accessed from local and remote systems, and that information can be applied to DOS and OS/2 applications.

PATHWORKS for SCO UNIX supports the DECnet (Phase IV), TCP/IP, and NetBEUI network transports. DECnet and TCP/IP offer both local area network (LAN) and wide area network (WAN) environments, while NetBEUI offers only a LAN environment. The SCO UNIX server supports multiple transports at the same time. See the System Support Addendum for the details regarding Network Interface Cards supported and the restrictions regarding the use of concurrent multiple transports.

Features

PATHWORKS for SCO UNIX provides the following services for personal computers running PATHWORKS for DOS and/or PATHWORKS for OS/2 client software:

- Network transport support
- NetBIOS™ interface support
- LAN Manager V2.2 API support
- File services
- Printer services
- Mail services
- Server management and control
- Domain support
- Network logon services
- Replication services
- Remote boot services

Network Transport Support

PATHWORKS for SCO UNIX supports DECnet, TCP/IP, and NetBEUI network transport software. One or more of the transport stacks can work concurrently on the server. Any restriction on the use of multiple transports is described in the System Support Addendum (SSA 42.85.01-x).

When DECnet for SCO UNIX (SPD 34.21.xx) network transport software is used in conjunction with PATHWORKS for SCO UNIX, personal computer clients can access servers in both LANs and WANS. Both DOS and OS/2 clients are supported by PATHWORKS for SCO UNIX by means of the DECnet network transport running on the server and the DECnet transport running on the DOS or OS/2 clients.

The TCP/IP transport is provided through the use of SCO TCP/IP software (SPD 32.56.xx). SCO TCP/IP software does not come as part of SCO UNIX or SCO MPX and has to be separately purchased. TCP/IP software comes as part of ODT.

Customers using PATHWORKS for SCO UNIX in the DECadvantage system environment are required to employ traditional UNIX security and must use TCP for DECadvantage (SPD 42.11.xx) on top of SCO UNIX or SCO MPX. ODT is not supported under DECadvantage platform.

Client support for the TCP/IP transport is currently available for PATHWORKS for DOS and OS/2 clients. Some DOS and OS/2 client functionality is not supported under TCP/IP. Refer to PATHWORKS for DOS (SPD 55.07.xx), PATHWORKS for DOS (TCP/IP) (SPD 33.45.xx), PATHWORKS for OS/2 (SPD 55.24.xx), and PATHWORKS for OS/2 (TCP/IP) (SPD 36.58.xx) for detailed information on supported features.

NetBEUI transport software comes as part of the PATHWORKS for SCO UNIX software. The NetBEUI transport for the DOS client is available as LAN Manager V2.1 Add-On kit for PATHWORKS for DOS (QA-0TLAG-(HB or H7)) and can be used along with PATHWORKS for DOS V4.1A. NetBEUI transport for the OS/2 client is included in PATHWORKS for OS/2 V2.0 or higher. Using NetBEUI transport, DOS and OS/2 clients can access the server in the LAN for file and print services.

Refer to the *SOFTWARE REQUIREMENTS* section of this document for information on required network transport software.

NetBIOS Interface Support

PATHWORKS for SCO UNIX supports the NetBIOS interface in DECnet, TCP/IP, and NetBEUI networks. NetBIOS support under TCP/IP includes a B-node RFC 1001/1002 implementation. NetBIOS interface support includes the support of multiple transport stacks on one or more network controllers.

LAN Manager V2.2 API Support

PATHWORKS for SCO UNIX supports the full set of LAN Manager V2.2 Application Programming Interfaces (API) including Named Pipes and Mailslots. This allows the development and support of distributed applications.

File Services

PATHWORKS for SCO UNIX file shares provide DOS and OS/2 clients with a remote file system that appears as a transparent extension of the client system's local computing environment.

PATHWORKS for SCO UNIX file shares are based on Microsoft LAN Manager Extended SMB (Server Message Block) protocols.

Each DOS or OS/2 file stored in a file share is stored as a SCO UNIX file. The files stored in a file share are accessible to personal computer clients, SCO UNIX users, and to applications that can interpret the contents and the organization of the file as written by the client application.

The server also allows client applications to read files written by a SCO UNIX user or application.

Multiple DOS and/or OS/2 clients can concurrently access files stored on the server through the file access modes and byte range locking support that is provided by the SCO UNIX Operating System. Because PATHWORKS for SCO UNIX supports the native SCO UNIX Lock facility, it is possible to develop SCO UNIX-based applications that share data files with personal computer-based applications.

PATHWORKS for SCO UNIX file shares are supported on NFS® (Network File System), allowing remote NFS files to be shared by PATHWORKS for DOS or PATH-WORKS for OS/2 clients. The NFS files can be made available to PATHWORKS clients by means of a PATH-WORKS for SCO UNIX file service.

Further information on controlling access to server resources is provided in the Server Management and Control section of this SPD.

Printer Services

PATHWORKS for SCO UNIX software allows DOS, OS/2, and SCO UNIX users to share printers connected to Intel 386/486-based servers. Printer shares are available in LAN and WAN environments. PC clients can print files from the DOS and OS/2 operating systems as well as from PC applications.

The system administrator can assign a printer service name to an SCO UNIX printer class. The PATHWORKS for DOS and PATHWORKS for OS/2 client software redirects printer output from a client printer logical name to the defined printer share.

The PATHWORKS for SCO UNIX server administration utility (**pwmgr**) can be used to create printer shares. Printer queues can also be set up using native SCO UNIX utilities. Refer to the System Support Addendum (SSA 42.85.01-x) for a list of supported printers.

Shared Client Printers

PATHWORKS for SCO UNIX support access not only to printers connected to the server, but also to printers connected to DOS clients. These printers are called shared client printers.

Once designated as a shared client printer, a client printer can print jobs sent by users from any kind of client. This feature provides additional flexibility in configuring the LAN, allowing shared printers to be put close to users.

Mail Services

PATHWORKS for SCO UNIX includes PCSA mail support with this release. To use PCAS mail, the SCO UNIX mail system must be installed and configured on the SCO UNIX system.

The mail server software that is part of PATHWORKS for SCO UNIX provides DOS and OS/2 clients with the ability to send and receive electronic mail messages. A mail account is established on the SCO UNIX server for each PC user. Mail can be sent to this account by other personal computer users as well as users of UNIX and VMS mail software.

The PATHWORKS for SCO UNIX mail server provides the personal computer user with folder, local and remote distrubution lists, and delivery capabilities. Realtime notification of new messages can be optionally enabled by the client.

Server Management and Control

Four styles of server management interfaces are supported by PATHWORKS for SCO UNIX:

1. A simple menu-driven utility called **pwmgr** at the server console

2. A command line **net** interface at the server console, or at enhanced DOS client, or at OS/2 client

3. A window-based client interface for enhanced MS–DOS® clients running Microsoft Windows called **netadmin** interface for Windows™

4. A full-screen, menu-based program available for Microsoft OS/2 clients call the **net admin** interface

pwmgr

The **pwmgr** is a simple task-oriented interface that prompts the user to select one of the many relevant tasks. It requires no knowledge of the SCO UNIX Operating System commands for use. The **pwmgr** utility allows the system administrator to:

* Manage file and printer shares, user accounts, and groups

* Display and control server resources currently in use, such as active sessions, connections, services, and server statistics

* View context-sensitive Help for each menu item and prompt

The system administrator can limit the number of simultaneous client connections to a particular share. This allows the system administrator to control access to DOS and OS/2 applications that are stored on the server to ensure compliance with vendor licensing agreements. Other restrictions on the use of the server can be imposed to help meet performance and security goals.

File share access may be controlled through username, password, and group permission. In addition, the **pwmgr** utility is used to modify the server configuration.

Command Line **net** Interface

In addition to the **pwmgr** utility, a command line **net** interface is provided to perform all server management tasks from the SCO UNIX system prompt at the server console or from system prompts at the DOS or OS/2 terminal emulation window. These **net** commands may be used to add or delete file shares, stop the file server. They may also be used in script files. You must have PATHWORKS for SCO UNIX administrative privileges to use this interface.

netadmin Interface for Windows

The **netadmin** interface for Windows provides yet another alternative for controlling the server functions from a client environment. This is a full-screen, windows-based administration program available on PATHWORKS clients running the enhanced redirector and Microsoft Windows. This interface is shipped as part of the PATHWORKS for SCO UNIX software and is available in the DOSUTIL share.

net admin Interface

The **net admin** interface is a full-screen, menu-based administration program available on PATHWORKS for OS/2 clients.

Domain Support

PATHWORKS for SCO UNIX allows you to subdivide the network into administrative groupings of servers and clients called domains. A domain is a group of servers and clients on a LAN. Domain is the basic unit of network administration and each server running PATHWORKS for SCO UNIX can be a member of a single domain. A user can have accounts in multiple domains, but can logon to only one domain at a time.

Domain lockout occurs after a configurable number of unsuccessful logon attempts. The user account is disabled and administrative action is required at the primary domain controller to re-enable the user account.

Network Logon Services

Running the **netlogon** service forces the validation of users' logon requests. The logon server that processes the request checks its copy of the domainwide user accounts database for the user name and password supplied in the logon request. Each server running the **netlogon** service has one of the three roles: 1) primary domain controller, 2) backup domain controller, or 3) member server. The **netlogon** service ensures that each backup domain controller's and member server's copy of the domainwide user accounts database is always identical to the master copy on the primary domain controller. A server running the user-level security without logon validation is called a standalone server. The standalone server does not participate in a domain and has its own user accounts database, which is administered individually. A user logged on a standalone server cannot access the domain's servers that are running the **netlogon** service, except by using a guest account. The **netlogon** service is limited to the LAN.

Replication Services

PATHWORKS for SCO UNIX provides a file replication mechanism that allows a set of files to be selectively replicated. The replication service ensures that any updates to the replicated files are propagated in a timely manner to all servers that are maintaining replicas of the information. The replication service provides: 1) replication of a directory tree or set of directory trees from any server to any set of servers and/or workstations, and 2) capability to dynamically add or delete from the set of directory trees being replicated or to add or delete servers.

Remote Boot

The PATHWORKS for SCO UNIX Remote Boot service is based on Microsoft's LAN Manager Remoteboot service. The LAN Manager implementation is, in turn, based on the Remote Program Load (RPL) protocol and the NetBEUI protocol. With PATHWORKS for SCO UNIX, you can also remote boot workstations that use the MOP protocol.

The Remote Boot service, running on a PATHWORKS for SCO UNIX server, supports DOS and Windows workstations that boot using the server's hard disk instead of their own local hard disks. Each participating workstation has a network adapter card that retrieves startup and configuration software from the PATHWORKS for SCO UNIX server when the workstation boots. The PATHWORKS for SCO UNIX Remote Boot service supports the following remote boot workstations:

- Workstations with network adapters with RPL ROM chips that use the RPL protocol

- Workstations that use Digital's DEPCA and Ether-WORKS adapters (but not the EtherWORKS III adapters) with MOP ROMS

- Workstations that use Digital's DEPCA, 3Com 3C503 and 3Com 3C523 adapters that use floppy remote boot diskettes

HARDWARE REQUIREMENTS

Intel 386/486-based systems as specified in the System Support Addendum (SSA 42.85.01-x).

SOFTWARE REQUIREMENTS

Server Operating Systems Software

- SCO UNIX System V/386 (SPD 32.52.xx)

- SCO MPX (SPD 32.74.xx)

- SCO Open Desktop (SPD 32.57.xx)

For minimum hardware requirements of the operating system, refer to the Software Product Description and System Support Addendum for each product.

Server Network Transport Software

TCP/IP, NetBEUI or DECnet network transport software is required by PATHWORKS for SCO UNIX. NetBEUI transport software for the server is included in PATH-WORKS for SCO UNIX software.

Refer to the Software Product Description and System Support Addendum for the network transport software to determine version requirements for your configuration.

SCO TCP/IP (SPD 32.56.xx)

Customers using PATHWORKS for SCO UNIX in a TCP /IP environment use SCO TCP/IP network transport software. The SCO TCP/IP software is not supplied with the SCO UNIX System V/386 or SCO MPX software and must be purchased separately. ODT includes SCO TCP/IP network transport software.

TCP/IP for DECadvantage (SPD 42.11.xx)

Customers using PATHWORKS for SCO UNIX in the DECadvantage system environment use TCP for DECadvantage network transport software on top of SCO UNIX or SCO MPX. ODT is not supported by the DECadvantage platform.

- DECnet for SCO UNIX (SPD 34.21.xx)

Customers using PATHWORKS for SCO UNIX in a DECnet network environment use DECnet for SCO UNIX software. DECnet for SCO UNIX software must be purchased separately.

PATHWORKS Client Software

One of the following software products is required on personal computers that are used to access a PATH-WORKS for SCO UNIX server:

- PATHWORKS for DOS V4.1B (SPD 55.07.xx)

- PATHWORKS for OS/2 V2.0 (SPD 55.24.xx)

DECnet transport software for DOS or OS/2 client is already included in the respective PATHWORKS for DOS or PATHWORKS for OS/2 client software.

Each of the client products listed above is supported for use in conjunction with PATHWORKS for SCO UNIX by means of the DECnet transport software.

PATHWORKS clients that access the services of a PATHWORKS for SCO UNIX server by means of TCP /IP network software require the following additional software:

- PATHWORKS for DOS V2.0 (TCP/IP) (SPD 33.45.xx)

- PATHWORKS for OS/2 V1.0 (TCP/IP) (SPD 36.58.xx)

DOS-based clients that access the services of a PATH-WORKS for SCO UNIX server by means of NetBEUI network software require the following software:

- LAN Manager V2.1 Add-On (SPD 55.07.xx)

PATHWORKS for OS/2 client software includes the Net-BEUI transport software.

Support for the DOS Operating System is provided by PATHWORKS for DOS.

Support for the OS/2 Operating System is provided by PATHWORKS for OS/2.

Refer to the System Support Addendum (SSA 42.85.01-x) for availability and required versions of prerequisite /optional software.

Documentation

The PATHWORKS for SCO UNIX user documentation includes:

- *Server Installation Guide*

- *Server Administrator's Guide*

- *Command Reference and Troubleshooting Guide*

- *PATHWORKS LAN Manager Remote Boot Guide*

The following Programmer Documentation kit is available for developers and system integrators planning to do distributed applications programming:

- *API Programmer's Reference*
- *API Programmer's Reference - Addendum*

ORDERING INFORMATION

Media and Documentation: QA-NC1AA-HC
User Documentation Only: QA-NC1AA-GZ
Programmer Documentation Only: QA-NC1AB-GZ
Software Product Services: QT-NC1A*-**

* Denotes variant fields. For additional information about available licenses, services, and media, refer to the appropriate price book.

SOFTWARE LICENSING

PATHWORKS Products

The right to use the PATHWORKS for SCO UNIX server software is granted by the PATHWORKS for DOS client license and the PATHWORKS for OS/2 client license. A client license must be obtained in advance for each personal computer that uses a PATHWORKS for SCO UNIX server.

The PATHWORKS for DOS and PATHWORKS for OS/2 client licenses grant the user the right to use one or more PATHWORKS servers over the DECnet network transport software and the NetBEUI network transport software.

A PATHWORKS for DOS (TCP/IP) client license or a PATHWORKS for OS/2 (TCP/IP) client license is required for each personal computer that uses one or more PATHWORKS servers over the TCP/IP network transport.

Associated Products

A SCO UNIX System V/386 operating system or SCO MPX operating system or SCO Open Desktop operating system license is required for each PATHWORKS for SCO UNIX server system. To ensure reliable operation and obtain support from Digital the operating system software must be provided by Digital.

A DECnet for SCO UNIX license is required for each SCO UNIX system that uses the DECnet network transport software.

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 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.

System Support Addendum

PRODUCT NAME: PATHWORKS for SCO™ UNIX®, Version 1.1   **SSA 42.85.01-A**

HARDWARE REQUIREMENTS

PATHWORKS for SCO UNIX is supported on Intel386™ /Intel486™-based systems running SCO UNIX System V/386, SCO MPX, and SCO Open Desktop versions of the operating system software.

Processors Supported

Intel 386/486-Based Processors from Digital:

- applicationDEC 433MP

- applicationDEC 400xP (25MHz/33MHz/50MHz systems)

- DECpc 425ST, DECpc 433ST, DECpc 450ST

- DECpc 420SX

- DECpc 433T, DECpc 433

- DECstation 325c

- DECstation 333c

- DECstation 425c

Intel 386/486-Based Processors from Other Companies:

- COMPAQ® SystemPRO 486/33

Support of a particular model is subject to the requirements stated in the *HARDWARE REQUIREMENTS* and *SOFTWARE REQUIREMENTS* sections of this System Support Addendum.

You should contact your Digital Sales Office to inquire about support of a specific Intel 386/486-based system that is not mentioned in this System Support Addendum.

Memory Requirements

In addition to the memory needed for the SCO UNIX operating systems, a minimum of 2.75 MB of memory is recommended for use of the product. Guidelines for additional system memory are:

- An additional 256 KB minimum is recommended per server process where each server process can support 1 to n clients. Depending upon the customer need, the system can be configured to have multiple clients supported by a single server process to minimize the memory requirements.

Memory requirements vary according to the configuration of the server, the client activities, and the applications running on the server system. The memory requirements indicated above are related to the use of PATHWORKS for SCO UNIX and support of personal computer clients. They are over and above the memory required for the operating systems.

Disk Space Requirements

13 MB of disk space is required for installation of the PATHWORKS for SCO UNIX product on the Intel 386 /486-based systems.

This requirement refers to space on the server system disk for installation and use of PATHWORKS for SCO UNIX software only. Total disk space requirements will vary according to server operating system software, system environment, configuration, number of clients and their activity, and software options.

OPTIONAL HARDWARE

Printers

- Digital:

     DEClaser 1100
     DEClaser 1150
     DEClaser 2100
     DEClaser 2150
     DEClaser 2200
     DEClaser 2250
     DEClaser 3200
     DEClaser 3250
     DECjet 1000
     DECjet 2000

Ethernet Controllers

PATHWORKS for SCO UNIX operating on top of a the operating system software, supports the following Ethernet controllers on the server, subject to a valid hardware configuration for the particular platform and certain restrictions.

Table 1
Supported Ethernet Controllers

Digital	DEPCA	DEPCA-AA
Digital	EtherWORKS LC	DE100
Digital	EtherWORKS LC/TP	DE101
Digital	EtherWORKS Turbo	DE200
Digital	EtherWORKS Turbo/TP	DE201
Digital	EtherWORKS Turbo/TP/BNC	DE202
Digital	EtherWORKS EISA	DE422
Digital	Enhanced LAN Processor (ELP)	DEIXA-AA*
3Com®	EtherLink® II	3C503**
3Com	Etherlink III	3C509**
Western Digital	EtherCard PLUS	WD8003E**

NOTES:

* The Enhanced LAN Processor (ELP) is used in the DECadvantage system environment.

** The 3Com 3C503 and 3C509 and Western Digital WD8003E Ethernet controllers, when used on the PATHWORKS for SCO UNIX server, support only the following combinations of two concurrent transports at this time: TCP/IP and NetBEUI, or TCP/IP and DECnet. All of the Digital Ethernet controllers support any combinations of the three transports: DECnet, TCP/IP, and NetBEUI.

PATHWORKS for SCO UNIX does not support Token Ring and MicroChannel® networks.

SOFTWARE REQUIREMENTS

Server Operating Systems Software

• SCO UNIX System V/386 Release V3.2, Version 4.1 and Version V4.2 (SPD 32.52.xx)

• SCO MPX Release 2.0 or Release 3.0 (SPD 32.74.xx)

• SCO Open Desktop Release 2.0 or Release 3.0 (SPD 32.57.xx)

For minimum hardware requirements of the operating system, refer to the Software Product Description and System Support Addendum for each product.

Server Network Transport Software

TCP/IP, NetBEUI or DECnet network transport software is required by PATHWORKS for SCO UNIX. NetBEUI transport software for the server is included in PATHWORKS for SCO UNIX. For minimum hardware and software requirements of the operating system, refer to the Software Product Description and System Support Addendum for each product.

SCO TCP/IP Release 1.2 or Release 1.3 (SPD 32.56.xx)

PATHWORKS for SCO UNIX works with SCO TCP/IP network transport software. This is not supplied with the SCO UNIX System V/386 or SCO MPX operating system software and must be purchased separately. SCO Open Desktop includes SCO TCP/IP network transport software.

TCP/IP for DECadvantage V6.1.1 (SPD 42.11.xx)

Customers using PATHWORKS for SCO UNIX in the DECadvantage system environment use TCP for DECadvantage V6.1.1 on top of SCO UNIX System V /386 or SCO MPX operating system software. SCO Open Desktop operating system software is not supported by the DECadvantage platform.

• DECnet for SCO UNIX V1.2 (SPD 34.21.xx)

When PATHWORKS for SCO UNIX is to be used in a DECnet network environment, DECnet for SCO UNIX software is required. This is not supplied with the operating system and must be purchased separately.

PATHWORKS Client Software

One of the following software products is required on personal computers that are used to access a PATHWORKS for SCO UNIX server. For minimum hardware and software requirements of the PATHWORKS client software, refer to the Software Product Description and System Support Addendum for each product.

• PATHWORKS for DOS V4.1B (SPD 55.07.xx)

• PATHWORKS for OS/2® V2.0 (SPD 55.24.xx)

DECnet transport software for DOS or OS/2 client is already included in the respective PATHWORKS for DOS or PATHWORKS for OS/2 client software. Each of the client products listed above is supported for use in conjunction with PATHWORKS for SCO UNIX by means of the DECnet network transport software.

DOS-based and OS/2-based clients that access the services of a PATHWORKS for SCO UNIX server over TCP /IP require the following additional software:

• PATHWORKS for DOS V2.0 (TCP/IP) (SPD 33.45.xx)

OS/2-based clients that access the services of a PATH-WORKS for SCO UNIX server over TCP/IP require the following additional software:

- PATHWORKS for OS/2 V1.0 (TCP/IP) (SPD 36.58.xx)

DOS-based clients that access the services of a PATH-WORKS for SCO UNIX server over NetBEUI require the following software:

- PATHWORKS for DOS V4.1A (SPD 55.07.xx)

- LAN Manager V2.1 Add-On (SPD 55.07.xx)

PATHWORKS for OS/2 client software includes the Net-BEUI network transport software.

Support for the DOS Operating System is provided by PATHWORKS for DOS.

Support for the OS/2 Operating System is provided by PATHWORKS for OS/2.

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

RX23, 3 1/2-inch, high-density diskette for Intel 386/486 systems.

ORDERING INFORMATION

Media and Documentation: QA-NC1AA-HC
User Documentation Only: QA-NC1AA-GZ
Programmer Documentation Only: QA-NC1AB-GZ
Software Product Services: QT-NC1A*-**

* Denotes variant fields. For additional information about available licenses, services, and media, refer to the appropriate price book.

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