

HP NewWave Office for HP-UX

Data Sheet

HP NewWave Office software provides powerful communication, decision support, and information sharing services. HP NewWave Office offers organizations unparalleled flexibility to manage the flow and use of information. It empowers departments and ad hoc teams to share information and improve decision-making. HP's implementation offers the industry's best solution for integrating PC applications and tapping into diverse corporate information sources.

Cooperative Computing

HP NewWave Office allows you to build a cooperative computing system with your choice of multi-vendor components and services--PCs, networking, and UNIX® or MPE

servers. Cooperative computing allows you to optimally allocate your computing resources between servers and PCs. In addition, users will be more productive because they can access all resources from their familiar PC environment.

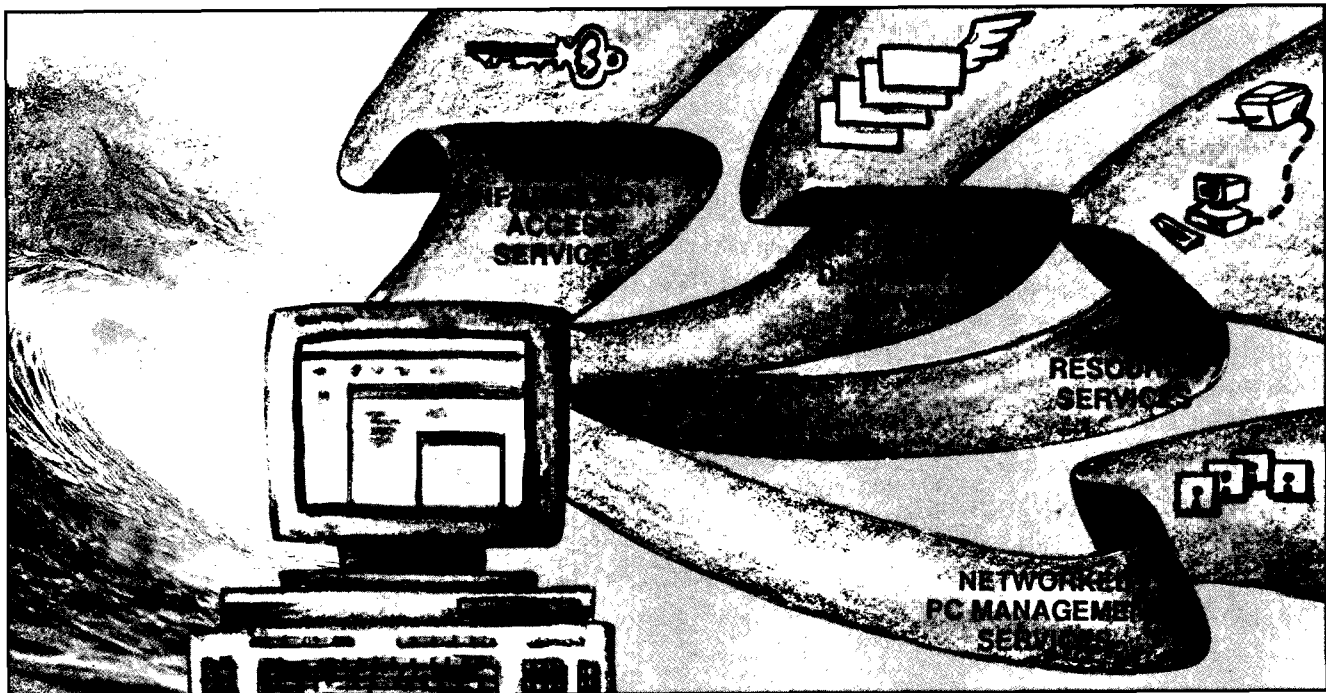
HP NewWave Office software breaks down technology barriers, empowering organizations to use information to their fullest advantage. It protects your investment in PCs and makes the most of corporate data and computer resources.

A Flexible System

HP NewWave Office is a flexible solution that allows you to choose

the following combination of services:

- the HP NewWave or traditional MS-DOS® PC environment
 - Information Access
 - Information Distribution
 - Shared Resources
 - Networked PC Management
- your organization needs today with the ability to add services incrementally as needs grow. HP NewWave Office supports industry-standard PCs, and UNIX & Macintosh workstations (in terminal emulation mode). You can choose from a variety of local area networking options or asynchronous connections. In all, Hewlett-Packard's NewWave Office gives you the flexibility to build an information system your way.



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PC Environment

HP NewWave is an easy-to-use environment for integrating applications and automating tasks. The breakthrough behind HP NewWave is the Object Management Facility (OMF) which links data and applications together so users can move effortlessly among many different kinds of software. This high level of integration allows users to create documents using text, spreadsheets, graphics, and image data drawn from different applications. Equally important, changes made in the output of one application are automatically reflected in the output of others.

Beyond all this, HP NewWave offers computer-based training, an online help facility, and a consistent and predictable graphical user interface for ease of learning, use and access to the full range of HP NewWave Office services.

It's Your Choice

HP NewWave Office offers you flexibility and choice for your PC environment. Using an industry-standard PC, your favorite MS-DOS and Microsoft® Windows applications are easily integrated into the HP NewWave environment, and you'll be able to add future applications without worrying about compatibility.

A non-NewWave interface is also provided for HP NewWave Office users who wish to operate in the traditional MS-DOS environment.

Information Access Services

The HP NewWave Office information access services allow users to select a broad range of data sources from their HP 9000 (Series 600 and 800) or PC, and output the data to PC applications of their choice. Within the cooperative computing environment, the HP NewWave Office information access services consist of an easy-to-use client interface on the user PC and a data server on the HP 9000 (Series 600 and 800). With HP NewWave Office, decision makers spend less time gathering data and more time analyzing and solving business problems.

On the PC, an interactive, query-by-example interface allows users to join, select, sort, summarize and convert data (from a variety of data sources), in either the HP NewWave or non-NewWave environment. This data can then be used in popular PC applications. Additionally, the built-in report writer can be used to generate professional looking reports without involvement from the database administrator. A batch processing feature is also available, allowing repetitive tasks (such as generating routine reports or queries) to be fully automated.

On the HP 9000 (Series 600 and 800), a data server allows PCs to connect and retrieve data from HP ALLBASE/SQL and ORACLE® relational databases. These databases provide administration functions that allow database administrators to maintain security and control of the data sources, while satisfying users' needs for data.

Information Distribution Services

The HP NewWave Office information distribution services enable users to exchange information with other users on both private and public mailing systems. This versatile communication capability allows users of PCs, terminals, and UNIX & Macintosh workstations (in terminal emulation mode) to exchange many types of files throughout the system. An In and Out tray, tracking system, and personal electronic filing cabinet allow users to effectively manage their mail.

Information Exchange Across Systems

The HP NewWave Office information distribution services facilitate enterprise wide communication. It offers users access to X.400 based mailing services, other UNIX mailing products, as well as connectivity to IBM's PROFS and DISOSS. Now you can link mail systems so that everyone in your company can exchange information with each other better, resulting in improved inter-organizational communication and a faster response time.

A Robust Directory Service

The information distribution capabilities also incorporate a fully integrated directory service. Directories on all nodes in the HP NewWave Office network can be synchronized, whether they are on HP-UX or MPE systems, enabling all users to simply type the recipient's name and get proper addressing and delivery.

Exchange Files with a Variety of Formats

The information distribution services enable users to distribute many types of files to other users on the network. These could be HP NewWave objects, graphic files, word processing documents, or spreadsheets. Because the integrity of your information is maintained, you can continue to use your software applications of choice, thereby protecting your investment.

With improved availability and timeliness of information, the people in your organization are empowered to make better, faster decisions.

Shared Resource Services

Industry leading LAN Manager/X is a standard feature of HP NewWave Office, providing workgroups with easy access to HP 9000 (Series 600 and 800) peripherals from their PC environment. Using the system shared disks, a workgroup can easily access and work on a common document, making workgroups more cohesive. Sharing high quality printers and plotters enables workgroup members to cost effectively produce superior documents and presentation materials for a more professional image.

In addition, users can protect their files by saving them on system shared disks that will automatically be stored to tape during system backup.

Networked PC Management Services

HP NewWave Office management tools simplify the installation of PC applications and PCs in an HP 9000 (Series 600 and 800) local area network (LAN) environment so your organization can quickly benefit from HP NewWave Office capabilities with minimized effort. The HP NewWave and MS-DOS applications offered with the system can be installed from the HP 9000 (Series 600 and 800) to all hard disk PCs in the workgroup. With enhancements, other PC applications can be centrally distributed, provided that they are appropriately licensed. With the software update service, PC users can load updated HP NewWave Office applications automatically. This is much faster than with flexible disks, and all users are assured of using the same application version.

Networking

The HP NewWave Office system offers you a broad range of industry-standard networking solutions. Users can be linked to the system via an HP local area network or RS-232 asynchronous connections.

LANs provide several advantages over RS-232 connections, particularly capacity for higher performance, greater functionality, and cost efficiencies. Unshielded twisted pair wiring in HP StarLAN 10 networking allows you to economically use existing wiring with ease of installation. Print/file sharing and the networked PC management capabilities are available in a LAN environment only.

Feature Summary

Information Access Services

HP 9000 (Series 600 and 800) Input Data Sources:

- HP ALLBASE/SQL (HP-UX)
- ORACLE

PC Input Data Sources:

- R:Base™ for MS-DOS, System V, 5000, 4000
- dBASE®, IV, III PLUS, III®, II®
- Lotus® 1-2-3®, Symphony®
- CONDOR™

PC Output Data Formats:

- R:Base for MS-DOS, System V, 5000, 4000
- dBASE IV, III PLUS, III, II
- Lotus 1-2-3, Symphony
- CONDOR
- Information Access Report Writer
- File formats:
 - DIF
 - Quoted Basic
 - ASCII

Information Distribution Services

Host Services

- Provides mailing service to PCs, terminals and UNIX workstations.
- Distribution list management
- Electronic mail tracking
- Private and urgent mail
- Forwarding of undelivered mail to Error Manager with non-delivery message to sender
- Autoforwarding

- Information sharing through public distribution lists.
- Document conversion and browsing for AdvanceWrite, HPWord, Executive MemoMaker

Administration

- Test Server to check new links before they go live
- Local or remote administration
- Directory synchronization within the HP NewWave Office network for HP-UX and MPE systems
- Administration interface in local language, multiple languages per machine
- Comprehensive help system
- Public distribution lists
- Database scanning tool
- Exception reports to identify system problems
- Network statistics reports
- Online problem solving system

Integration with HP products

- AdvanceMail for the integration of PC users in the mailing environment
- HP's X.400/800 MTA for connections to other vendors' mailing systems

Standards

- X.400 based mailing for both addressing and message features
- SendMail transport system for node to node transfer of messages
- ARPA and Berkeley services over IEEE 802.3 LANs
- X.25 links and UUCP over asynchronous connections
- HP-UX operating system
- X/Open compliant portability to other platforms

AdvanceMail

Electronic mail system for PCs in the non-NewWave environment.

- Easy exchange of messages and PC files with host mailing services
- Full distribution list management
- Automatic conversion and mail filters
- Integration of HP and third party word processors
- Command language to manage remote or complex connections (e.g., X.25 PADS)
- X.400 address format

Shared Resource Services

Disk Sharing

- LAN Manager/X functionality
- User-transparent access to shared disks
- File sharing between users
- Public and private directories
- Support for networked applications
- Protection by HP-UX file system security
- HP NewWave object storage and retrieval

Printer and Plotter Sharing

- Transparent access to printers and plotters
- Spooling for concurrent use of printers and plotters

Supported peripherals include:

- The HP LaserJet family of printers
- HP DeskJet
- HP PaintJet
- HP 2680A
- HP 7550A Plotter

Networked PC Management Services



Automated:
Network installation
IP application distribution
IP software application update
Service

Personal Applications

HP NewWave environment or non-NewWave environment with Personal Applications Manager (PAM) interface is provided.

Included in the Personal Applications package are: Executive MemoMaker, Lotus 12-3 (version 2.01), AdvanceLink for MS-DOS, and the Gallery Collection (Charting Gallery and Drawing Gallery).

NewWave Environment

Object Management Facility
HP NewWave Agent - first release functionality
Online help facility
Computer based training
Text note for basic word processing
Encapsulation of existing MS-DOS and Microsoft® Windows applications

NewWave Write

NewWave Write is a word processor that is fully integrated with the HP NewWave environment, offering:

Object integration
Spelling checker
Auto-pagination
Page preview
Autosave
ASCII, Executive MemoMaker and RTA conversion

Product Requirements

These requirements apply to a LAN based solution. Refer to component data sheets for requirements in an asynchronous environment.

HP 9000 (Series 600 and 800) Systems

- 8 MB minimum memory
- HP-UX version 7.0 (or later)

Personal Computers

- HP Vectra Desktop PCs (except the portable LS/12)- Vectra DOS Version 3.10, 3.2, 3.3, and 4.01.
- IBM PC/XT/AT Computers - PC DOS Version 3.10, 3.2, 3.3 and 4.01.
- IBM PS/2 Computers - PC DOS Version 3.3 Models 30, 50, 60, 70 and 80.
- Compaq DeskPro 286, 386, 386S - MS-DOS 3.1.

PCs minimally require:

- A dual flexible disk drive (double sided/double density) for all HP NewWave Office services except networked PC management
- To support the networked PC management services, each PC requires a 20 MB disk drive and the system administrator's PC must have a 1.2 MB disk drive.
- 640 KB minimum memory

HP NewWave Environment

In addition to the above requirements:

- HP Vectra A/A+/ES/RS/QS
- IBM/AT - PC DOS 3.2, 3.3
- IBM PS/2 - PC DOS 3.3 Models 50, 60, 70, and 80
- Compaq DeskPro 286,386,386S
- 3 MB of LIM EMS 4.0 memory (80286)

- 4 MB total memory (80386)
- 1.2 MB flexible disk drive
- 40 MB hard disk
- EGA or VGA monitor and card
- Microsoft Windows supported mouse
- MS-DOS 3.2, 3.3, 4.01
- Microsoft Windows/286 2.11

Supported Memory:

- HP Vectra Expanded Memory card, P/N 45944A
- AST RAMpage 286
- AST RAMpage Plus 286
- Intel Above Board 286

Networking Environment

- HP StarLAN 10 or HP ThinLAN Network PC Link.
- HP OfficeShare (any B.XX.XX version) LAN Network Services- User Services
- HP OfficeShare (any B.XX.XX version) LAN PC User Configuration and Diagnostics
- LAN/9000 Link (Additional networking products may be required for multiple system connections.)

Support

Hewlett-Packard's industry-leading software support program includes the Software Materials Update Service and allows you to choose the level of support you need -- HP Teamline, HP ResponseLine, or HP BasicLine.

Support features available include:

- A software update service ensuring that your software is kept current and that you benefit from any fixes or enhancements that become available

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- Electronic access to support information
 - Access to the HP Response Center for telephone assistance
 - An HP consultant to offer specific recommendations and help you get the most productivity from your system.

Network support services from consulting and planning through implementation are available to assist you in maximizing the effectiveness of your network. Contact an HP sales representative for details.

Product Installation

The HP NewWave Office software for HP-UX is customer installable. If you prefer full installation assistance, installation products are available. Contact an HP sales representative for details.

Training

HP NewWave Office: Implementation and Administration is a two day course for system and network administrators. It provides students with the necessary skills for planning, configuring, and maintaining a local area network using HP NewWave Office. Contact an HP sales representative for more details.

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