
HP OpenMail Graphical User Interfaces (GUIs)

Product Brief

HP Cooperative Computing Solutions

HP OpenMail Graphical User Interfaces (GUIs) - providing consistent windowed interfaces for users of X Terminals, Unix Workstations, Macintosh computers and Microsoft Windows PCs to access the powerful enterprise-wide messaging capabilities of OpenMail. These clients include:

- HP OpenMail Client for Macintosh, A.01.10.
- HP OpenMail Client for Microsoft Windows, B.01.00.
- HP OpenMail Motif Client for HP-UX, A.01.01.
- HP OpenMail Motif Client for Solaris 2.1, A.01.01.

Benefits include:

- **Consistent Look and Feel, Easy to Use** - These OpenMail clients are intuitive and extremely easy to use. They provide a consistent user interface across platforms, while maintaining the platform native look and feel. For example, users of the client for Macintosh will find that its user interface also takes account of consistency with Macintosh applications.

- **Security** - All the messages are stored within the OpenMail message database on the server. Access to another user's messages requires knowledge of that person's password and OpenMail will log unsuccessful attempts to guess a user's password.
- **Data Integrity** - Since the users' messages are stored in the OpenMail message database on the server, backups can be made centrally, thus relieving the burden from each individual user. Comprehensive administration tools also exist within OpenMail to monitor and maintain that database. In the event of a system crash, OpenMail is capable of transparently recovering and tools exist to repair any damage to the message database.
- **Directories** - The OpenMail Graphical User Interfaces provide access to OpenMail's powerful directory capabilities allowing large corporate databases to be searched quickly and efficiently. Wildcard searching and fuzzy logic matching simplifies this process so the user need only enter minimal addressing information.

Features include:

Standards Based:

- **GOSIP Support** - Support most GOSIP'84 and GOSIP'88 mandatory elements.
- **X.400 Based Messaging** - both addressing and message features, for electronic information exchange in a multi-vendor environment.

Sending Messages:

- **Acknowledgments** - to confirm messages have been delivered, read and/or replied on a per user basis.
- **Attachments** - Support for the attachment of binary and other files. The Client for Macintosh has the additional ability to attach MacBinary files.
- **Blind Carbon Copies** - Message splitting by blind carbon copies. Messages containing BCC names will be split off from the original message. This allows OpenMail to correctly preserve the security of BCC names.

- Cancellation of Deferred Mail - if the mail time has not been reached.
- Categorization of Mail - Importance (Normal, Low, High), Priority (Normal, Non-urgent, Urgent) and Sensitivity (Normal, Personal, Private, Company Confidential).
- Deferred Mailing - at a specified future date and time.
- Distribution Lists - Public and personal distribution list management.
- Message Parts - Number of message parts limited only by available disk space on server. With Microsoft Windows, limits are set by memory.
- Message Size - limited only by available disk space on server. With Microsoft Windows, limits are set by memory.
- Nested Messages - Support for nested messages and folders.
- Non-Delivery Notification - to sender and OpenMail administrator for messages that cannot be delivered. The original message is also returned to the sender.
- Phonetic Matching - to enable users to obtain a list of similar sounding recipients, and then be able to pick from that list.
- Searching Algorithms - Extended searching algorithms, allowing customer-specific phonetic probes, direct keyed access and full sequential search.
- Text Editor - Easy to use text editor for the creation of messages with the ability to link

in a full word processor, or other editing application.

- Wildcard Searching - to enable users to enter, for example, "* /pinewood" to obtain a complete list of users at mailnode "pinewood", and then be able to pick from that list.

Receiving Messages:

- Attachment Launching - Programs associated with attached files can be invoked (launched) by simply double clicking on the item. This enables documents, spreadsheets, graphics, etc. to be viewed or edited by automatically calling up the associated program.
- Conversion - Document conversion to text for browsing of AdvanceWrite, Executive Memomaker and DCA documents. Additional conversion to text for browsing of other documents is possible by simply plugging Keyword's KEYpak products into OpenMail.
- Export Message Components - Ability to export message components to the UNIX, MS-DOS or Macintosh file system.
- Forward - incoming messages.
- Message Store - server based. Messages received in the In Tray are stored in the OpenMail database on the server, thus optimizing storage requirements.
- New Mail Notification.
- Reply To - incoming messages.

- Sort In Tray - Ability to sort the In Tray by title, date, creator and type.

Filing Cabinet:

- Automatic Deletion - of items in wastebasket after a pre-configured time.
- Filing Cabinet - Storage of received messages in filing cabinet.
- Message Attributes - Stored messages retain message attributes enabling them to be forwarded or replied to at a later date.
- Nested Folders.
- User Definable Folders.

General:

- Auto-Actions - On delivery, a user may set up a selectively Auto-Forward to another person, depending on the sensitivity of the message. A user may also set up a selective Auto-Reply, depending on the importance and acknowledgment settings, composing a personalized standard reply to these messages.
- Bulletin Board - The OpenMail Client for Microsoft Windows provides access to OpenMail's Bulletin Board services.
- Connections - The OpenMail Client for Microsoft Windows and the Client for Macintosh connect to the server either over a network or serial connection. See Technical Data section for details.
- Designates - The OpenMail Client for Microsoft Windows

allows configuration and use of the OpenMail designate facility.

- Online Help - A sophisticated Online help facility provides comprehensive information on how to use the product. Rapid assistance is thus provided when required without the need for bulky manuals.
- PhoneBook - allowing OpenMail's powerful directory capabilities to be exploited by users of X-Terminals, Unix Workstations, Macintosh computers and Microsoft Windows PCs. It enables users to search and display the OpenMail directory attributes with a telephone book paradigm. Search results from the OpenMail PhoneBook are easily transferred into distribution lists within the OpenMail Graphical User Interfaces.

*Feature requires an OpenMail B-series license

Technical Data

OpenMail Server Requirements:

- HP9000 Series 3xx, 4xx, 7xx, 8xx
- HP-UX 9.x
- HP OpenMail version B.01.00

HP OpenMail Client for Macintosh:

Client Hardware - HP OpenMail Client for Macintosh A.01.10:

- Macintosh Plus, SE, Classic, LC family, Portable, Performer family, 11-family personal computer, Quadra family or Powerbook family.
- Hard disk drive.

- 0.8mb minimum, 1.44mb recommended floppy disk drive.
- 2mb minimum, 4mb recommended memory.
- Virtual memory and 32bit capability.

Client Operating System - HP OpenMail Client for Macintosh A.01.10:

- System 7.0 or 7.1.

Connections - HP OpenMail Client for Macintosh A.01.10:

Client Component	Server Component
MacTCP 1.1, 1.1.1, or 2.0	HP ARPA Services/9000 (for network connections)

As defined by the MacTCP software. These include:

- Direct Ethernet network connection.
- LocalTalk network routed to an Ethernet network with a DDP-IP (Datagram Delivery Protocol - Internet Protocol) gateway.
- AppleTalk Remote Access connection to a LocalTalk network. The LocalTalk network must be routed to the Ethernet network.
- AppleTalk Remote Access connection to an EtherTalk network with a DDP-IP gateway on the Ethernet network.
- SLIP (Serial Line Internet Protocol) asynchronous serial connection.

HP OpenMail Client for Microsoft Windows:

Client Hardware - HP OpenMail Client for Microsoft Windows B.01.00:

- 80386 or 80486 based PC.
- 2mb disk space.
- 2mb minimum, 4mb recommended memory.
- VGA, SuperVGA or Ultra VGA monitor and video card.

Client Operating System - HP OpenMail Client for Microsoft Windows B.01.00:

- MS-DOS 5.0 or 6.0.
- Microsoft Windows 3.1.

Connections - HP OpenMail Client for Microsoft Windows B.01.00:

Client Component	Server Component
LAN Sockets: HP ARPA Services 2.1 rev. B.03.00	HP ARPA Services/9000
Novell LAN Workplace for DOS 4.03	HP ARPA Services/9000
Microsoft LAN Manager 2.1a	HP ARPA Services/9000
Winsock 1.1 certified over: FTP Inc PC TCP/IP 2.2	HP ARPA Services/9000

Chameleon TCP/IP for Windows, 3.10	HP ARPA Services/9000
LAN NetIPC: Not supported	-
Novell SPX/IPX: NetWare (supplied with server component)	HP9000 Portable NetWare 3.11a, A.11.02.09
Serial: EDCL (supplied with HP OpenMail Client)	EDCL (supplied with OpenMail)
Connections: RS232 hardwired serial. Hayes modem - Optima 9600 or 100% compatible.	-
HP switchable DTC (Data Terminal Concentrator).	-

HP OpenMail Motif Client for HP-UX:

Client Hardware - HP OpenMail Motif Client for HP-UX A.01.01:

- HP 700/RX X-Stations.
- HP9000 Series 300/400/700/800.

Client Operating System - HP OpenMail Motif Client for HP-UX A.01.01:

- HP-UX 8.x or 9.x.

- X Window System, version 11 release 4 or 5.
- Motif Windows Manager, version 1.1 or 1.2.
- HP ARPA Services/9000.

Connections - HP OpenMail Motif Client for HP-UX A.01.01:

Client Component	Server Component
LAN Sockets: HP ARPA Services/9000	HP ARPA Services/9000
LAN NetIPC: Not supported	-
Novell SPX/IPX: Not supported	-
Serial: Not supported	-

HP OpenMail Motif Client for Solaris 2.1:

Client Hardware - HP OpenMail Motif Client for Solaris A.01.01:

- Sun 4c: SPARC 2s.
- Sun4m: SPARC 10s, Classic.

Client Operating System - HP OpenMail Motif Client for Solaris A.01.01:

- Sun Solaris 2.1
- X Windows: X11R4 or X11R5.
- Motif 1.1 or 1.2.

Connections - HP OpenMail Motif Client for Solaris A.01.01:

Client Component	Server Component
LAN Sockets: Sun Solaris TCP/IP (supplied with Solaris 2.1)	HP ARPA Services/9000
LAN NetIPC: Not supported	-
Novell SPX/IPX: Not supported	-
Serial: Not supported	-

Ordering Information:

The Graphical User Interfaces are supplied with the OpenMail software. For OpenMail, there are three components that need to be ordered:

- OpenMail Software: product numbers B2284A, B2285A or B2286A.
- OpenMail Documentation: product number B2280A.
- OpenMail Licenses: product number B2290BZ or B2020AZ.

OpenMail Licenses - A license is required for every configured OpenMail mailbox and HP client. Licenses for the OpenMail mailbox and for the Graphical User Interface may be ordered together as a combined mailbox-plus-HP client license (B2290BZ) or separately (B2016BZ, B2020AZ). These licenses lock the mailbox and HP client to a specified machine by

means of the machine's node identifier.

HP is a registered trademark of Hewlett-Packard Company.

Documentation - The OpenMail Graphical User Interface documentation is supplied with the OpenMail Documentation. It includes:

LAN Manager/X is a trademark of Microsoft Corporation.

- Using Serial Connections Technical Guide, part number B2280-90009.
- OpenMail Motif Client for HP-UX Technical Guide, part number B1619-90001.
- OpenMail Client for Macintosh Technical Guide, part number B2018-90001.
- OpenMail Motif Client Technical Guide for Solaris, part number B2019-90002.
- OpenMail Client for Microsoft Windows Installation Instructions, part number B1612-90002.

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For more information on ordering OpenMail, please see the OpenMail Technical Data Sheet (P/N 5091-8393E).

Solaris is a trademark of Sun Microsystems, Inc.

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