Macintosh Application Environment 2.0

Macintosh Application Environment (MAE) — the virtual Macintosh™ for open systems — is an innovative software product that provides a complete Macintosh environment in an X Window™, allowing you to run Macintosh 680x0 applications right on your workstation.

MAE brings the functionality and ease-of-use of the Macintosh computer to Sun Microsystems SPARC™ stations running the SunSoft Solaris™ operating system, as well as to Hewlett-Packard Series 700 workstations running HP-UX®.

Version 2.0 extends the power of MAE with the inclusion of AppleTalk™ networking, making it easy to share printers, files and e-mail with other Macintosh and MAE users on a network. Other new features include support for MacTCP™, dramatic performance gains, support for Macintosh sound-based applications and much more.

Since MAE is based on Macintosh System 7.1 (and includes several handy features of Macintosh System 7.5), you can run the most popular off-the-shelf Macintosh software – including popular spreadsheet, desktop publishing, word processing, graphics, e-mail, calendar and business applications — on your workstation.

MAE also seamlessly integrates with the UNIX® environment, allowing you to copy and paste text and graphics between UNIX and Macintosh applications. MAE lets you open UNIX files (including NFS® mounted volumes), access UNIX applications through the Macintosh interface, and use system services (such as UNIX PostScript™ printers). It also supports MacTCP to allow access to the Internet and TCP/IP-based applications.

Features

It's a virtual Macintosh

- Supplies the Macintosh graphical user interface and desktop manager in an X Window
- Provides the Macintosh System 7.1 environment
- NEW! Offers several features of Macintosh System 7.5
- Allows you to cut and paste data between Macintosh applications
- NEW! Lets you resize the Macintosh X Window to any size — without restarting MAE

It runs Macintosh applications

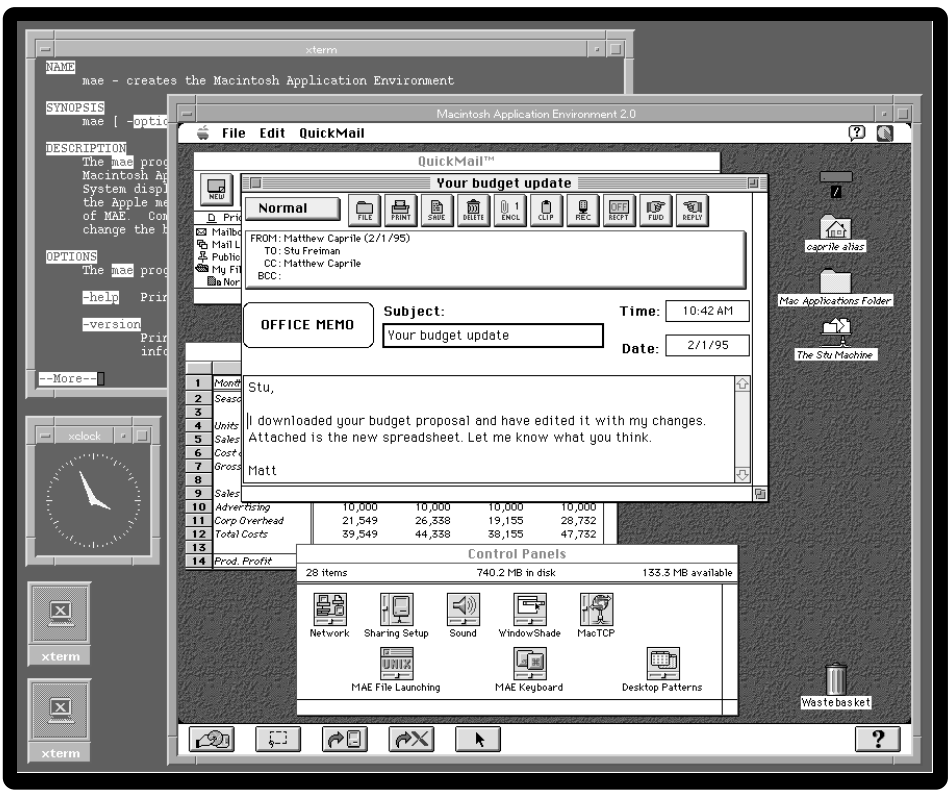
- Lets you run off-the-shelf Macintosh software applications
- NEW! Offers Dynamic Recompilation for performance gains of more than 50%
- NEW! Supports Macintosh sound-based applications
- NEW! Includes QuickTime™ Player and HyperCard™ Player software

Integrates smoothly with UNIX

- Provides an easy-to-use Macintosh interface to navigate local and NFS-mounted UNIX files
- Allows access to UNIX resources and services from within the MAE X Window
- Lets you copy and paste text and graphics between the UNIX and Macintosh environments
- Prints UNIX and Macintosh files on printers that support PostScript using the Apple™ Chooser and the Print command

It makes networking easy

- NEW! Makes MAE-to-Macintosh networking easy with built-in support for AppleTalk
- Lets you share documents, electronic mail, and printers with Macintosh users and other users of MAE
- NEW! MacTCP support allows access to the Internet and TCP/IP-based applications
- Takes advantage of NFS (Network File System), allowing file sharing and file services across the network
- Displays and allows manipulation of remote as well as local Macintosh and UNIX files and applications
- NEW! Offers better support for remote file access under NFS



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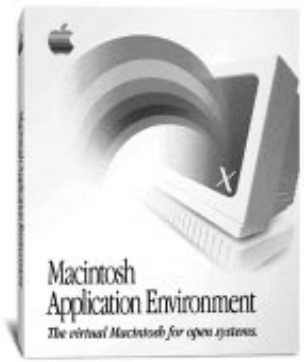
Ordering Information

To order MAE, contact your local distributor

MAE for Solaris, Version 2.0 (1 user)
Order No. M2191Z/B

MAE for HP-UX, Version 2.0 (1 user)
Order No. M3128Z/B

Also available are volume licences through the ClarisPlus programme. Please contact your local distributor for pricing information



Specifications

Macintosh desktop manager
- Includes complete Macintosh Finder™ and desktop manager
- Graphically depicts files as icons, including non Macintosh documents and applications
- Lets you point and click to copy, move or open files or to launch applications

Macintosh Finder
- Organises files and applications in an easy-to-use folder hierarchy
- Provides a Macintosh consistent interface for all Macintosh applications

Macintosh toolbox
- Includes QuickDraw™ to manage all graphics operations required by Macintosh applications
- Allows you to share data that is going to be updated dynamically using publish-and-subscribe capabilities
- Includes the Toolbox Event Manager to translate the X Window System user keyboard and mouse input
- Includes routines that enable QuickDraw to interoperate with the X Window System

Macintosh system services
- Allows you to manipulate UNIX files using Macintosh operations (moving, copying, deleting and so on)
- Supports printing on system printers such as PostScript printers on UNIX networks
- Takes advantage of NFS to allow file sharing and file services across the network
- Simplifies MAE-to-Macintosh networking with built-in AppleTalk support
- Supports MacTCP for access to the Internet and TCP/IP-based applications
- Includes the Cursor Manager, which keeps the Macintosh cursor within the MAE window so you can focus on Macintosh tasks

Mixed-mode manager
- Enables faster performance by directly accessing the native RISC processor for certain routines, using the inherent power and speed of the host operating system

Macintosh 68040LC emulator
- Provides high speed emulation of 68040 code
- Delivers optimum compatibility with the Macintosh architecture

Industry-standard compliance
- Complies with X Window System version 11, release 4 and 5
- Operates under Motif™, HP VUE™ and OPEN LOOK®

Hardware and software requirements
- HP Series 700 workstation running HP-UX 9.0x
- Sun SPARCstation running Solaris 2.3 or later
- X Window System version 11, release 4 or 5
- Window manager such as Motif, HP VUE or OPEN LOOK
- Memory: 16MB minimum; 32MB recommended
- Hard disk space: 16MB minimum; 22MB recommended
- MAE includes STREAMS/UX™ to enable AppleTalk connectivity on HP Series 700 workstations running HP-UX

Mac™ OS

Claris International, Inc. is a distributor of Apple software products.

For further information, please call 0800 422322

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