Agenda

- **Mac OS Strategy**
- **Mac OS Release Strategy**
- **Mac OS 7.6**
  - Best-of-class Internet
  - Improved productivity and efficiency
  - State-of-the-art multimedia
  - Easy PC file and media exchange
- **Summary**
- **Q&A**

Mac OS Strategy

Make complex technology easy to use

- Integrate Internet access into the Mac OS
  - Build on flexible component-based technology

- Advance the total user experience
  - Improve productivity and efficiency

- Extend multimedia leadership
  - Video/audio/3D graphics/VR/conferencing

- Continuously improve the OS
  - Regularly scheduled Mac OS releases

Mac OS Release Strategy

Continuously improve the Mac OS

- Regular delivery of Mac OS releases

    - Beginning in January '97, major (reference) releases semiannually

    - System updates between OS releases

- Integrate latest core technologies

- Enable customers to better plan, test and implement

Mac OS Releases

1996	1997		1998	
System 7.5 Version 7.5.3	Mac OS 7.6	7/97	1/98	…

Reference releases

Updates

1996	1997		1998	
System 7.5.5 Update	4/97	10/97	4/98	…

System 7.5.5 Update

Enhancing performance and reliability

- Enhanced virtual memory
  - Improves application launch performance

- Universal System Folder
  - Updated systems supported

- Response to pressing customer issues

- Clear naming scheme

Mac OS 7.6 Basics

Designed for a smooth transition

- Excellent compatibility
  - System 7 based

- Supports a broad set of systems
  - Includes 68030, 68040, PowerPC
  - Exceptions: IIx, IIcx, SE/30

- Supports Mac OS compatible computers

New Features: Mac OS 7.6

The easiest way to get the most out of your Mac OS computer

Best-of-class Internet

Improved user productivity and efficiency

State-of-the-art multimedia

Improved support for PC files and media

Best-of-Class Internet

Internet Tools for every user

- Apple Internet Connection Kit (AICK) provides best-of-class Internet applications

- Pervasive access across the Mac OS with Cyberdog

  - Cyberdog brings the Internet into Live Objects-aware documents
  - URLs can be activated from the Finder, automatically launching Cyberdog

- America OnLine (AOL) included for easy Internet access

Easy Internet Set Up and Configuration

- Includes connectivity tools (TCP/IP, OT/PPP, ARA) for easy Internet connection

- Easy Internet configuration via Apple Internet Connection Kit
  - One button install
  - Simplifies signing up for a Service Provider

Best-of-Class Internet Connectivity

- Open Transport: simplified Internet and intranet networking
    - Switch easily between network configurations
    - Hook up to Internet from various locations
    - Reconnect dialup TCP/IP more easily

- Apple Remote Access: Easy and secure
    - Connect to information from a remote location
    - Supports industry standards and Internet access

Cyberdog Integrates Internet Access

- Lets you embed live Internet links into documents

- Provides a unified "notebook" for any Internet access— Mail, Web, News groups, file transfer, Gopher, Telnet
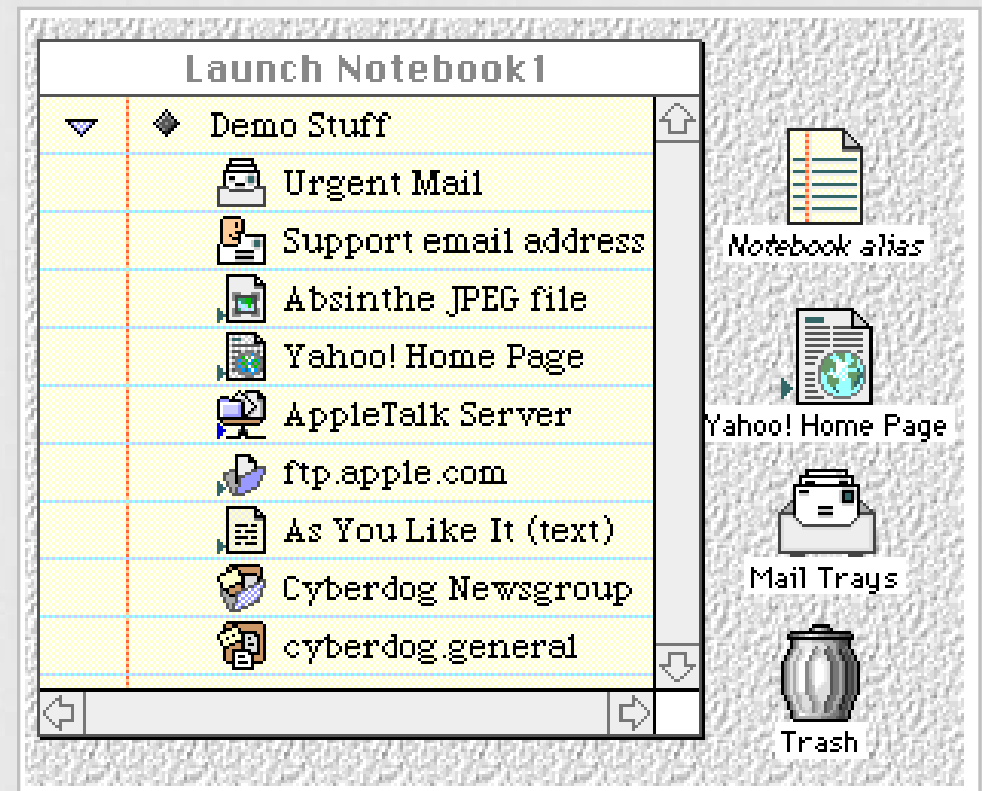
Best-of-Class Internet

Summary

- **New features**
  - OpenDoc and Live Objects component software
  - Cyberdog: integrated Internet links
  - Open Transport: faster, easier networking
  - TCP/IP: faster, more stable Internet connection
- **What this means**
  - The industry's easiest and most reliable Internet access

Productivity and Efficiency

More than just ease of use

- Simplified installation and system management

- Faster and easier networking and printing

- Simplify the way you work

- Improved performance and reliability

Productivity and Efficiency

Faster & easier installation

- New, streamlined Installer
    - Easy four-step process
    - Unifies multiple installations
    - Provides more stable system

Install Mac™ OS

IMPORTANT   Please perform all four steps below to ensure successful installation.

✓ **1.** **Read before you install**
Click the button at the right to read important information about using this program to upgrade your system software.

✓ **2.** **Update disk drivers**
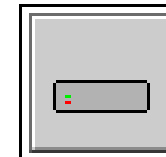Click the button at the right to use Drive Setup or HD SC Setup to update your hard disk driver programs.
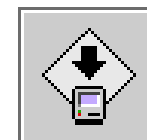
3. **Select disk**
Use the button at the right to select the disk where system files will be installed.

4. **Select installations**
Click the button at the right to start installing your new software.

New Installer provides a unified step-by-step
Control Panel to simplify installation

Productivity and Efficiency
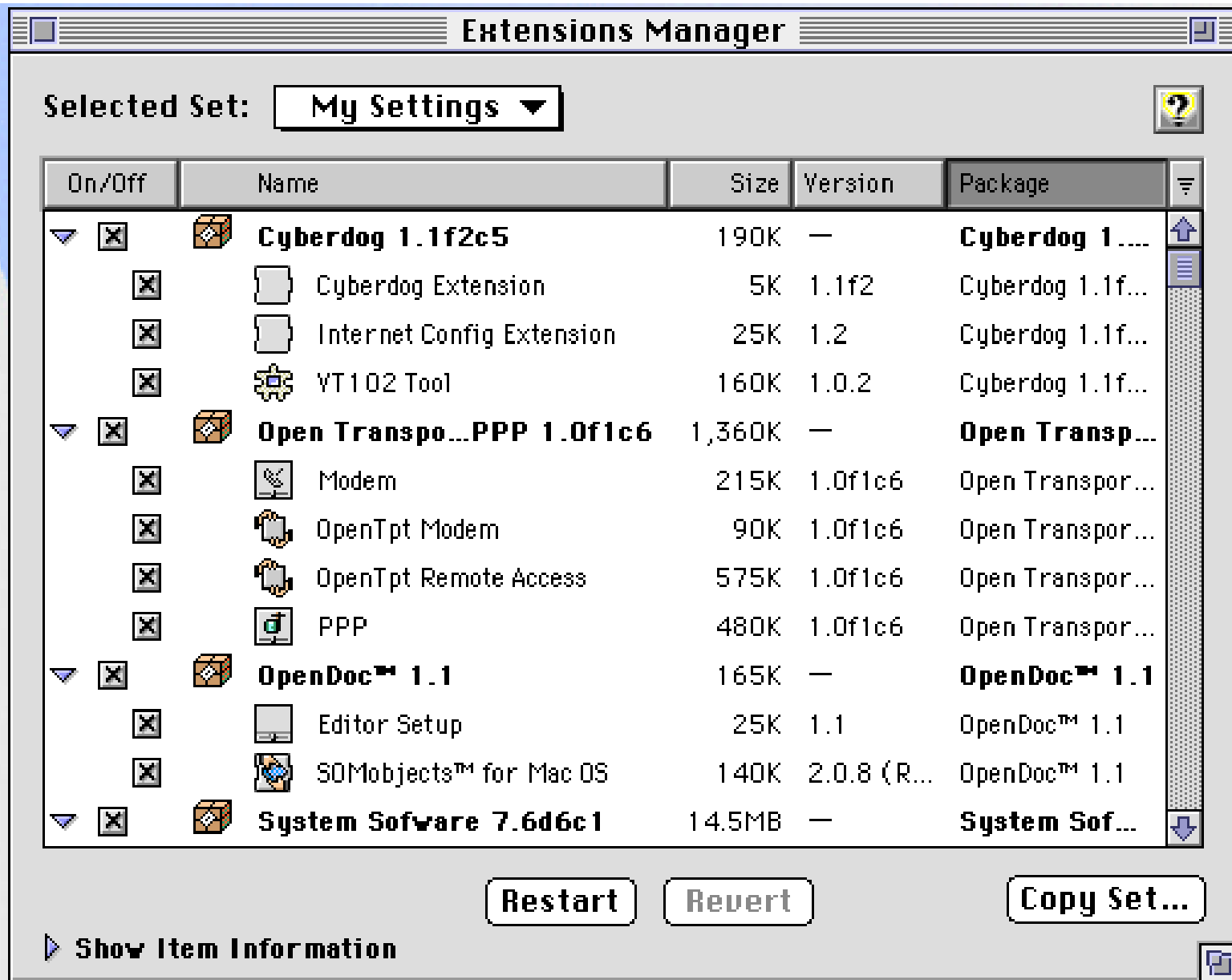
Improved Extensions Manager

- Shows relationships between components
    - New foundation for "clustering"
    - Available for some components today
    - More clustering in future releases

- Component descriptions are provided

- Individual settings are exportable

- Simplifies technical support

New Extensions Manager helps you organize, control
and understand system extensions

Faster and Easier Printing and Networking

- **Faster and easier printing**
    - New printing software speeds printing, improves print dialogs, and supports desktop printing icons

- **Open Transport simplifies networking**
    - Simplified network connections with on-line Apple Guide help
    - Reconfigure networking without system reboot
    - Easier and more flexible centralized control of network configuration
    - Support for PPP and TCP/IP

Productivity and Efficiency

Mix and match Live Objects

- Live Objects - small reusable software components based on OpenDoc
- Freely mix software components
  - Extend the functionality of applications through drag-and-drop simplicity
  - Learn functionality once and reuse across many applications

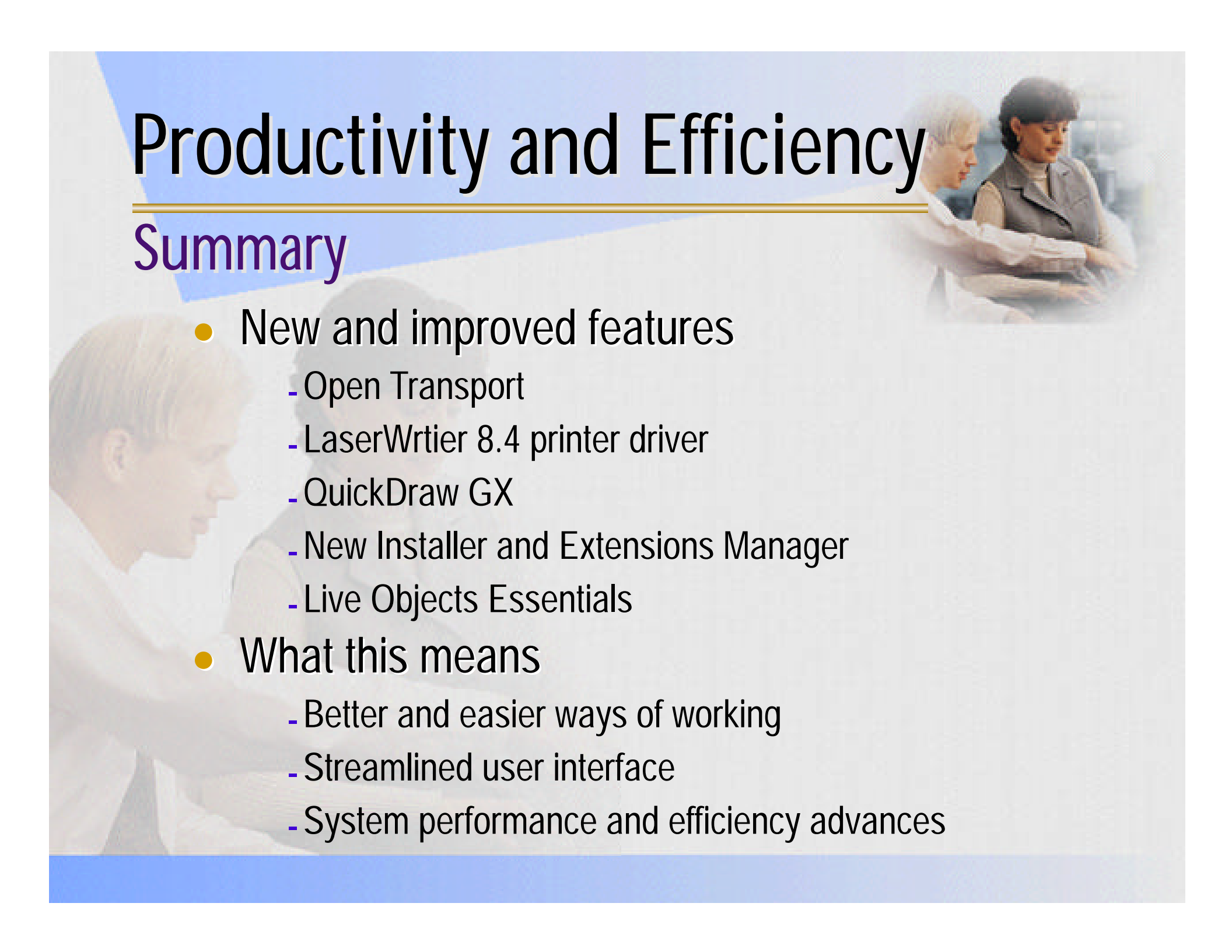# Productivity and Efficiency

Improved performance & reliability

- Performance improvements
  - Enhanced Virtual Memory
  - Improved File System Cache and PowerPC Resource Manager

- Reliability improvements
  - Integration of updates
  - Deliver new reliablity improvements

- Updated universal System Folder

Productivity and Efficiency

Summary

- **New and improved features**
  - Open Transport
  - LaserWrtier 8.4 printer driver
  - QuickDraw GX
  - New Installer and Extensions Manager
  - Live Objects Essentials

- **What this means**
  - Better and easier ways of working
  - Streamlined user interface
  - System performance and efficiency advances

State-of-the-Art-Multimedia

The "magic" behind multimedia on CD-ROM, broadcast and the Internet

- QuickTime Media Layer (QTML) - industry standard multimedia cross-platform file format
- Video, animation, music, virtual reality, 3D graphics, speech, teleconferencing
- Enabling technology behind titles and applications
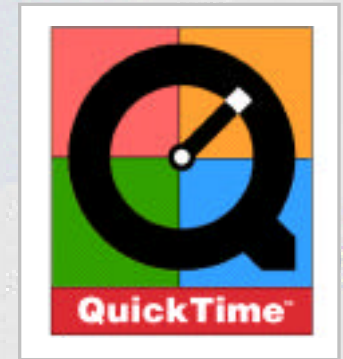
State-of-the-Art Multimedia

Create dazzling communications

- QuickTime Media Layer

  - QuickTime, QuickDraw 3D, Text-to-Speech

- Apple OpenDoc Essentials

  - Starter kit for Apple's multimedia technologies with drag and drop ease of use
    - QuickDraw 3D and Image viewer for PICT, GIF, JPEG, and TIFF
    - Draw Container
    - Audio and Button tools

QuickTime 2.5

Better, bigger and faster movies

- Plays all digital media types - video, audio, MIDI digital music, MPEG

- The *defacto* industry standard for multimedia on the Internet

- FastStart feature: create dramatic websites with movies that start playing while they download

- Text track lets you jump to specific dialog

State-of-the-Art-Multimedia

Summary

- **New features**
  - QuickTime Media Layer (QTML)
  - OpenDoc Essentials
- **What you still get**
  - QuickDraw GX for better quality text and graphics
  - TrueType scalable font technology
  - Desktop printing capabilities and printer selections
- **What this means**
  - The industry's best solution for graphics and multimedia

Improved PC Compatibility

Easily work with PC files & media

- Share work with others: open, view and save DOS and Windows documents

- Open Mac OS and Windows files without the original application

- Ability to easily share disks and media with Windows users

Improved PC Compatibility

Easily work with PC files & media

- Enhanced PC Exchange for Windows '95
  - Supports DMF format on PCI-based systems

- New DataViz MacLinkPlus translators
  - Convert Windows files to Mac OS formats, and vice versa

- Supports a variety of media
  - Read and write to PC-formatted floppy disks, Syquest cartridges, and SCSI drives

Improved PC Compatibility

Summary

- New features
    - Enhanced support for opening viewing, and saving DOS and Windows files
    - DMF file-format support (Windows 95)

- What you still get
    - PC Exchange
    - Mac OS Easy Open
    - DataViz MacLinkPlus Translators

- What this means
    - Easily share files with others, regardless of platform

Mac OS 7.6 Features

Major New and Updated Components

- All stability improvements from System 7.5.5 Update and more
- New Installer 1.0
- Revised Virtual memory
- Extensions Manager 4.0
- Finder 7.5.6
- Open Transport 1.1.1
- LaserWriter 8.4.2
- Desktop Printing 2.0.2
- ColorSync 2.1.1
- Apple Guide 2.1.1
- QuickTime 2.5
- CD-ROM Set up 5.3.1
- PC Exchange 2.1.1
- Mac OS Easy Open 1.1.3
- Open Transport/PPP 1.0

- OpenDoc 1.1.2
- Apple OpenDoc Essentials Kit
- Cyberdog 1.2
- QuickDraw 3D 1.0.6
- QuickDraw GX 1.1.5
- Text-to-Speech 1.5
- Apple Remote Access (ARA) 2.1
- Energy Saver 2.0.3
- Apple System Profiler 1.1.2
- TCP/IP 1.1
- Multiprocessor Support
- Dataviz MacLink Plus 8.1
- AOL version 3.0
- Apple Internet Connection Kit (AICK) 1.2

Mac™ OS

Mac OS 7.6 Summary

The easy way to get the most out of your Mac OS computer

- Provides best-of-class Internet support
- Improves user productivity and efficiency
- Provides state-of-the-art multimedia
- Improves compatibility

Q&A

Appendix

Built-in Support for OpenDoc

- Universal component software technology
  - Interoperable with: Java, OLE, Netscape
  - Multiplatform: Mac OS, Windows, OS/2, AIX
  - Standards-based and endorsed by OMG

- Plug-in architecture for applications

- Enables the mix and match use of Live Objects component software
  - OpenDoc technology-based products

Apple Internet Connection Kit 1.2

Making the Internet as easy as a Macintosh

- Quick, direct Internet access
    - Sign up with an internet service provider on-line quickly and easily

- Easy to use
    - One button installation and configuration

- Includes Apple and third party applications

- Convenient technical support
    - Includes a "Getting Started" guide, on-line help via Apple Guide, and phone support

Apple Remote Access Client 2.1

Connect your Macintosh to resources at a remote location

- Easy installation and use
  - Built-in context-sensitive help allows you to access services intuitively

- Remote productivity
  - Work with the familiar desktop features of System 7
  - DialAssist technology takes the complexity out of working with the worldwide telephone system

- Adaptable

- Powerful security features