



Tech Info Library

AppleShare 4.0.2 & Client for Windows: Description (9/95)

Revised: 9/25/95
Security: Everyone

AppleShare 4.0.2 & Client for Windows: Description (9/95)

=====
Article Created: 10 January 1995
Article Reviewed/Updated: 25 September 1995

TOPIC -----

This article provides a description and product details for AppleShare and AppleShare Client for Windows.

DISCUSSION -----

AppleShare is easy-to-use file and print sharing software that allows networked Mac OS and Windows software-based computers to share files, applications, and printers.

With AppleShare File Server software, organizations can store all of their shared files and applications in a single, central location, providing convenient, easy access to every user on the local area network (LAN). By allowing networked users to centralize all key files and applications for easy sharing, AppleShare improves everyone's productivity. It eliminates time spent looking for files, worrying about misplaced documents, and determining file or application version.

AppleShare Print Server software offers all users queued access to up to five networked printers. This time-saving function allows them to be more productive because they can use their computers to tackle other tasks instead of waiting for documents to print.

Now, all networked users can connect easily to an AppleShare server. AppleShare lets Macintosh users access shared resources via the Macintosh operating system (Mac OS); Windows users via the Windows interface. AppleShare's network architecture coexists with other application programs and networking services such as Novell NetWare software, Windows for Workgroups (WFW), and the Internet.

Yet for all of its power and capabilities, AppleShare is extremely easy to set up, use, and maintain. It continues in the "plug and play" tradition established

by the Macintosh more than a decade ago; most system administrators find that they can get an AppleShare server up and running within 15 minutes. And overall maintenance—including the addition and deletion of users—is so simple that a dedicated, full-time administrator is not required. In fact, because AppleShare is so easy to install, maintain, reconfigure, and expand, it offers the lowest long-term cost of ownership for any product in its class.*

So, whether your organization is a small or medium-size business, a classroom, or a department within a global enterprise, AppleShare improves collaboration and increases efficiency—so networked Macintosh and Windows users can get the most out of their computers.

* Based on a report by Business Research Group, Newton, Massachusetts.

AppleShare

AppleShare software comes in three versions that are designed to accommodate a variety of workgroup sizes and performance needs.

AppleShare 3 is designed for smaller workgroups of Macintosh and Windows software-based computers that have outgrown the basic file-sharing capabilities of the Mac OS. It runs on any 68030-based or below Macintosh computer.

AppleShare 4 offers performance that is up to three times faster than that of AppleShare 3. AppleShare 4 is the ideal choice for small or medium-size workgroups of Macintosh and Windows software-based computers. Extremely easy to set up and administer, AppleShare 4 is perfect for users who don't want to spend hours managing their servers, yet require high performance and extensive security.

AppleShare Pro utilizes the specialized hardware and A/UX operating system offered with the Workgroup Server 95 to provide the fastest AppleShare server performance available today. Larger workgroups that need the highest-performance file and print services will want to take full advantage of the speed and scalability of AppleShare Pro, which supports up to 5,000 open files and 20 hard disks connected to the server.

Features

Powerful file and print services

- Lets users store their files and applications in a single, central location.
- Makes it easy and efficient to print documents to networked printers.
- Provides comprehensive, effective security.

Ease of use

- Installs with a single click of the mouse.
- Can be up and running in minutes.
- Makes day-to-day management quick and easy.
- Users can take advantage of file and print services from either Mac OS computers or Windows software-based PCs.
- Allows users to work in the operating system environment with which they are most familiar (Mac OS or Windows).

Compatibility

- Includes full support for both Macintosh and Windows clients.
- Macintosh client built into the Mac OS; Windows client sold separately.
- Server works with all Mac OS-compatible applications.

Performance and scalability

- Supports up to 200 users.
- Performs up to 10 times faster than built-in Mac OS file sharing.
- Can be set up for use in an AppleTalk network of any size.
- Scalable from LocalTalk to Ethernet networks, and beyond.

Product Details

----- Capabilities and services

- Supports Mac OS program linking and publish and subscribe.
- Includes file and print servers.
- Features an open environment that allows additional network services.
- Works with the Macintosh client software built into every Macintosh; Windows client software sold separately.

Sharing options

- On-line CD-ROM exchange.
- Sharing of folders or entire disks.
- Easy server selection through the Chooser.
- Intuitive, consistent access to shared resources.
- User-controlled access to information.

Print spooling

- Provides spooling for up to five AppleTalk printers.
- Offers centralized queue management.
- Accepts simultaneous print requests.
- Frees client workstations for use immediately.
- Includes print log for up to 1,000 print jobs.

Administrator control

- Administrator can set number of connected users.
- Server messages can be broadcast or sent to selected users.
- Administrator can set cache sizes to maximize performance.

Security

- Minimum password length.
- Password aging.
- Password history to prevent immediate reuse.
- Ability to disallow saved passwords.
- Account disabled after specified number of password failures.
- Adjustable time limit for temporary accounts.
- Guest access allowed; turned off by default.
- Copy-protection setting for documents.
- "Lock" setting for folders.
- Adjustable number of concurrent application launches.
- Inherited folder privileges.
- Administrator log-off of any user.

AppleShare Access Privileges

- Both the user and the administrator can control access to information
- Eight different access privileges

How users view shared data:

- Full access privileges
- Drop folder, write capability only
- No access privileges

How users protect their data:

- Can't see enclosed folders
- Can't see enclosed files
- Can't write to folder
- Can't write to or see folders
- Can't write to or see files

Supported platforms

AppleShare Server

- AppleShare 3 A 68030-based (or below) Apple Macintosh computer.
- AppleShare 4 A 68040-based Apple Macintosh or Power Macintosh computer or Workgroup Server.
- AppleShare Pro Workgroup Server 95.

AppleShare Client

Macintosh

- An Apple Macintosh computer with an internal hard disk drive and at least 4MB of RAM.
- Macintosh system software version 6.07 or later.

Windows

- Any IBM or 100% compatible computer running Intel processor 386 or greater; ISA, MicroChannel, VESA and EISA internal buses; 4MB of RAM.
- Windows or Windows for Workgroups software version 3.1 or 3.11.
- MS-DOS 5.0 or later.
- Ethernet network adapter card.
- NDIS 3.0 or ODI network interface driver.

Network Requirements

- An AppleTalk network connection (via LocalTalk, Ethernet, Token Ring, or Apple Remote Access software); Windows software-based computers must be connected via Ethernet

Ordering and Licensing Information

AppleShare 3.0.1

Order No. M0090LL/B

AppleShare 4.0.2

Order No. M1738Z/C

(Included in certain Workgroup Server configurations.)

AppleShare 4.0.2 Upgrade Kit

Order No. M1946Z/C

AppleShare Pro

Order No. M6825Z/B

(Included in certain Workgroup Server 95 configurations.)

AppleShare Client for Windows

Order No. M3481Z/A

(Included in all Workgroup Server configurations; a network license is included.)

Article Change History:

25 Sep 1995 - Change title to reflect AppleShare 4.0.2.

Support Information Services

Copyright 1995, Apple Computer, Inc.

Tech Info Library Article Number:16984