



## Overview

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The AppleShare® File Server lets members of your workgroup use an AppleTalk® network system to share information quickly and easily. AppleShare turns a dedicated Macintosh® II, Macintosh SE, or Macintosh Plus personal computer with one or more hard disk drives into a central electronic filing cabinet. Here, everyone in your workgroup can store documents in folders similar to the ones that are common to all Macintosh applications.

By giving everyone access to the same documents and applications, the AppleShare File Server simplifies and speeds up the work of the group—whether it involves creating budgets, updating data files, producing publications, or assembling reports. And AppleShare has a powerful set of privacy features that let you control who has access to the information stored in each folder, and what type of access is allowed.

AppleShare will greatly increase the productivity of any environment equipped with Macintosh, MS-DOS, and even Apple® II computers.

# Features

# Benefits

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<ul style="list-style-type: none"><li>• Centralized electronic storage of data, documents, and applications</li></ul>	<ul style="list-style-type: none"><li>• Makes it easy for everyone in a workgroup to share information.</li><li>• Lets network users store applications and files in one convenient location.</li><li>• Permits document backup from a central location.</li></ul>
<ul style="list-style-type: none"><li>• Transparent access</li></ul>	<ul style="list-style-type: none"><li>• Allows users to access information stored on an AppleShare file server as if it were located on a local disk.</li></ul>
<ul style="list-style-type: none"><li>• Access by up to 50 users at a time (when the server is a Macintosh II) or up to 25 users at the same time (when the server is a Macintosh SE or Macintosh Plus)</li></ul>	<ul style="list-style-type: none"><li>• Lets everyone in the group work with documents and multiuser applications at the same time.</li></ul>
<ul style="list-style-type: none"><li>• AppleTalk Filing Protocol (AFP) compatibility</li></ul>	<ul style="list-style-type: none"><li>• Provides compatibility with all software applications written to the AFP standard.</li></ul>
<ul style="list-style-type: none"><li>• Support for multiple operating systems</li></ul>	<ul style="list-style-type: none"><li>• Lets Macintosh, MS-DOS, and Apple II users share information stored on the file server.</li></ul>
<ul style="list-style-type: none"><li>• Support for up to seven SCSI hard disk or CD-ROM drives per server</li></ul>	<ul style="list-style-type: none"><li>• Provides reliable, virtually unlimited storage space.</li><li>• Offers a simple, economical growth path.</li></ul>
<ul style="list-style-type: none"><li>• Runs concurrently with AppleShare Print Servers software</li></ul>	<ul style="list-style-type: none"><li>• Lets you use a single, dedicated Macintosh II, Macintosh SE, or Macintosh Plus computer to share files as well as to manage networked printers.</li><li>• Increases the return on your hardware investment.</li></ul>
<ul style="list-style-type: none"><li>• Copy protection</li></ul>	<ul style="list-style-type: none"><li>• Lets the network administrator copy-protect applications stored on the file server so that users cannot copy them.</li></ul>
<ul style="list-style-type: none"><li>• On-line administration</li></ul>	<ul style="list-style-type: none"><li>• Lets the network administrator perform administrative functions (such as adding users and creating groups of users) without shutting down services.</li></ul>
<ul style="list-style-type: none"><li>• Standard Macintosh hardware platform</li></ul>	<ul style="list-style-type: none"><li>• Preserves your investment in hardware: you can start with a Macintosh Plus or SE as the server, and then, as your needs expand, replace it with a Macintosh II and use the original Macintosh as a personal computer.</li></ul>
<ul style="list-style-type: none"><li>• Volume copy with full AppleShare access privileges retained</li></ul>	<ul style="list-style-type: none"><li>• Permits easy upgrading to larger volumes.</li></ul>
<ul style="list-style-type: none"><li>• "Superuser" capability</li></ul>	<ul style="list-style-type: none"><li>• Allows the administrator to perform routine folder maintenance over the network.</li></ul>

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## Product Details

### Simple administration

Administration of the AppleShare File Server requires no special skills. Administrative functions, such as adding new users and creating groups of users, are carried out using the familiar Macintosh user interface, including pull-down menus, dialog boxes, icons, and windows.

### Access control

To ensure privacy, security, and control over information shared with others on the network, AppleShare lets individual users decide who can have access to information stored in folders they create on the server, and what type of access they can have.

The folder's owner can assign access privileges to three classes of users:

- The owner of the folder;
- A group of users; or
- Everyone on the network.

The folder's owner can also define which of three levels of access the owner and other users can have, namely, whether users can:

- See documents and applications stored in the folder;
- See other folders stored in the folder;
- Make changes to documents and applications stored in the folder.

As in other Macintosh applications, documents are stored in folders on an AppleShare file server, but folders on the server fall into several types depending on the type of access provided. For example, documents stored in *private folders* automatically remain private to their owner—only the folder's owner can see or change documents stored there.

Documents stored in *shared folders* can be seen and read by everyone in the group, but the

folder's owner can choose the type of access people have. The folder's owner may specify that:

- The documents in the folder can be changed only by the owner (this is useful for storing forms that you want everyone on the network to be able to copy and use but not change), or that
- Documents can be changed by other users.

Documents stored in "*drop box*" folders can be seen and changed only by the owner. However, other users with the appropriate access to the server can copy documents into the drop box. This is useful for collecting and storing sensitive documents such as expense reports and personnel evaluations.



# AppleShare File Server Version 2.0

## System Requirements

To use the AppleShare File Server, you'll need:

- One dedicated Macintosh II, Macintosh SE, or Macintosh Plus computer to be used as the server
- One or more SCSI hard disks
- One Macintosh, ProDOS®- or MS-DOS computer for each user on the network
- Appropriate network cables and connectors for each workstation, server, printer, or other network device
- AppleShare PC (Order No. M0673) and a LocalTalk™ PC Card (Order No. M2313) for each MS-DOS computer connected to the network
- AppleShare IIGS® Workstation Software (Order No. A2D2060) for each Apple IIGS computer connected to the network
- Apple II Workstation Card (Order No. A2B2088), which includes AppleShare IIe Worksta-

tion software, for each Apple IIe computer connected to the network

### Recommended

- External disk drive or hard disk at each workstation
- The Network Administrators Course (a two-day seminar on the fundamentals of network administration, including file service, backup, electronic mail, and utilities)

### Optional equipment

- Additional or larger hard disks
- Concurrent service applications, such as AppleShare Print Server or electronic-mail service
- One or more CD-ROM drives, such as the Apple-CDSC™
- AppleTalk bridges and gateways, such as:
  - InterBridge (from Hayes Microcomputer Products, Inc.) or NetBridge (from Shiva Corpora-

tion) for connecting multiple LocalTalk networks

- FastPath (from Kinetics, Inc.) for connecting an Apple EtherTalk™ network with a LocalTalk network
- Solana R Server (from Solana Communications) or NetModem (from Shiva Corporation) for remote connection to an AppleTalk network

Cabling systems for AppleTalk

- Apple LocalTalk cabling system (shielded twisted-pair)
- LANSTAR from Northern Telecom (telephone wire/unshielded twisted-pair)
- PhoneNET from Farallon Computing (telephone wire/unshielded twisted-pair)
- Apple EtherTalk (standard or thin wire Ethernet coaxial, and unshielded twisted-pair)
- Fiber Optic LAN System (standard fiber-optic cable) from DuPont Electronics

## Ordering Information

AppleShare File Server Software  
Order No. M0548/B

With your order you'll receive:

- *AppleShare File Server Administrator's Guide*
- *AppleShare File Server User's Guide*
- *AppleShare File Server Administrator's Supplement for Apple II Workstations*
- One AppleShare File Server administration disk
- One AppleShare File Server

server installer disk

- One AppleShare File Server Apple II setup disk
- One AppleShare File Server workstation installer disk for use with Macintosh II, SE, and Plus computers
- One AppleShare File Server workstation installer disk for use with Macintosh 512K Enhanced computers

AppleShare File Server User's Guide 5-Pack

Order No. M0559/A

With your order, you'll receive:

- Five copies of the *AppleShare File Server User's Guide*

AppleShare File and Print Server Manuals

Order No. M0565

With your order, you'll receive:

- *AppleShare File Server User's Guide*
- *AppleShare File Server Administrator's Guide*
- *AppleShare File Server Administrators Supplement for Apple II Workstations*
- *AppleShare Print Server Administrator's Guide*