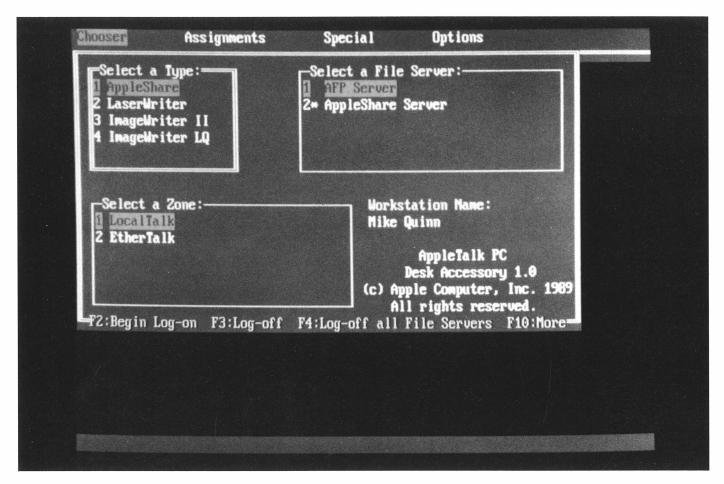# AppleShare PC Version 2.0

Overview

AppleShare® PC software provides users of MS-DOS personal computers with access to the full range of services available on the AppleTalk® network system. With AppleShare PC, users of MS-DOS and Macintosh® personal computers can communicate with one another, share data files stored on an AppleShare file server, and enjoy transparent access to Apple® LaserWriter® and ImageWriter® network printers.

MS-DOS personal computer users select network resources through an intuitive menu system modeled after the Macintosh Chooser. Once selected, file and print resources are automatically available every time users turn on their machines. And using the AppleShare server from an MS-DOS system is as easy as using a local disk drive.

AppleShare PC Version 2.0 is compatible with AppleTalk Phase 2 and is data-link independent. It offers advanced capabilities such as extended AppleTalk addressing, which provides support for networks of up to 16 million nodes.

AppleShare PC is ideally suited to the requirements of users who work in environments utilizing both Macintosh and MS-DOS personal computers.

Features	_Benefits_
▶ MS-DOS access to the AppleShare file server	▶ Allows MS-DOS and Macintosh users to access information stored on the same AppleShare file server. ▶ Lets MS-DOS users and Macintosh users share information created by applications that use a common file format (for example, Lotus 1-2-3 for the IBM PC and Microsoft Excel for the Macintosh, or dBASE III for the IBM PC and dBASE Mac for the Macintosh). ▶ Lets AppleShare PC users share MS-DOS applications stored on AppleShare file server volumes. (The software license must specifically allow application sharing.)
▶ MS-DOS access to networked printers	▶ Gives MS-DOS users full access to the power of LaserWriter printers—including dozens of type styles and sizes and full-page, high-resolution graphics—through MS-DOS applications that support the PostScript® page description language. ▶ Performs Epson LQ2500 emulation when working with older MS-DOS applications that don't support PostScript. ▶ Gives MS-DOS users access to networked ImageWriter dot-matrix printers.
▶ Data file mapping	▶ Allows data files created with MS-DOS applications to be mapped to Macintosh applications that share the same file format. (For example, WK1 files created with Lotus 1-2-3 and stored on the AppleShare file server can appear as Microsoft Excel data files, and double-clicking on an Excel data file launches the Excel application.)
▶ Data-link independence	▶ Lets AppleShare PC work with any network interface card that is compliant with the MLI (Multiple Link Interface) driver specification, including drivers that support the Apple LocalTalk™ PC Card, 3Com EtherLink II and EtherLink MC, and IBM Token-Ring.
▶ Controlled access to directories (folders) stored on AppleShare servers	▶ Provides privacy and personal control over information shared with others on the network. ▶ Lets the directory's owner choose to limit access in the following ways: —To keep the directory private; —To give access privileges to a predefined group of users; or —To give access privileges to everyone on the network.

Features	*Benefits*
► Controlled nature of access, based on directory type	► Documents stored in *private directories* can be seen or changed only by the directory's owner. ► Documents stored in *shared directories* can be seen and read by everyone on the network; a directory's owner can specify that —The documents 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 —The documents can be changed by others on the network. ► Documents stored in one-way *"drop box"* directories (much like one-way mail slots) can be seen and changed only by the owner. However, anyone on the network can copy documents into the drop box. (This is useful for collecting and storing sensitive documents such as expense reports and personnel evaluations.)
► Transparent functionality	► Lets MS-DOS users work with information on AppleShare servers as if it were located on a local MS-DOS disk. ► Makes accessing applications and information simple and efficient. ► Allows users to access AppleShare servers located on other AppleTalk networks, through add-on bridges such as the Hayes InterBridge and the Kinetics FastPath. ► Lets users connect to servers, change access privileges, and execute DOS utilities from within an application, through pop-up menus. ► Lets MS-DOS users access network printers as if they were connected locally.
► Command-line interface	► Allows construction and editing of batch files for automatic log on and other tasks.

Product Details

AppleShare volumes
AppleShare volumes appear to MS-DOS users as logical DOS drives and are accessed using standard DOS commands. Most applications and documents can be stored and used on the server with no modification.

Access procedures
Accessing information is simple and efficient; users need only remember one password. Once a user has logged on to a server, the server automatically manages access to all directories.

Printing
Through AppleShare PC, users of MS-DOS applications that support PostScript (such as Microsoft Word and WordPerfect) can take full advantage of the power of Apple LaserWriter printers. This includes producing documents in a wide range of type styles and sizes, and with full-page, high-resolution graphics. For users of older MS-DOS applications that do not support PostScript, AppleShare PC provides an emulation of an Epson LQ2500 printer.

Macintosh/MS-DOS compatibility
With AppleShare PC, both MS-DOS users and Macintosh users have access to documents created using either of the two operating systems. In addition, AppleShare PC provides file extension mapping that allows MS-DOS users to easily assign a Macintosh icon type and application appropriate to a data file.

Privacy
AppleShare PC fully supports the AppleShare file server's powerful privacy system. Users control information by selectively granting access to the directories they have created on the file server volumes. Setting access privileges allows a directory's owner to keep information private, share it within a workgroup, or make it available to everyone on the network. Additionally, users can control the type of access others have to the contents of a directory.

Installation
The procedure consists of installing AppleShare PC software on a startup disk; adding a LocalTalk PC Card to an IBM PC or PC-compatible computer, and connecting the computer to an AppleTalk network system equipped with an AppleShare server and a networked printer.

System Requirements

To use AppleShare PC, you will need:
► An MS-DOS computer with at least 384K of RAM
► Two floppy disk drives
► MS-DOS Version 3.1 or later (including Version 4.0)
► A LocalTalk PC Card or another MLI driver–compliant interface card
► A LocalTalk Locking Connector Kit (DB9) (Order No. M2065)

Recommended equipment:
► A hard disk

Ordering Information

AppleShare PC
Order No. M0098LL/A

With your order, you'll receive:
► One 3.5-inch and two 5.25-inch installer disks
► *AppleShare PC User's Guide*
► Limited warranty statement

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AppleShare PC Bundle
Order No. B0040LL/A

With your order, you'll receive:
► A LocalTalk PC Card
► Two 360-kilobyte, 5.25-inch floppy disks (a startup disk and an application disk)
► One 3.5-inch disk (includes both startup and application)
► *LocalTalk PC Card Owner's Guide*
► Limited warranty statement

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LocalTalk Locking Connector Kit (DB9)
Order No. M2065

With your order, you'll receive:
► LocalTalk locking connector (DB9)
► Two-meter cable
► Cable extender
► Setup guide

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