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The SMB File Transfer Utility

The SMB File Transfer Utility software, provided with the Apple TokenTalk NB Card, allows users of Macintosh and IBM-compatible personal computers to exchange files and share information in their workgroups. Apple Macintosh II systems on a token ring network can access information on IBM PC LAN Program SMB (Server Message Block) file servers. A desk accessory provides easy mounting and dismounting of SMB server volumes. Files can be transferred and translated using the Apple File Exchange (included). For additional information on the TokenTalk NB Card, please see the *IBM Hosts* chapter in this Guide.

Approximate Cost ……………………………………… Included with Apple TokenTalk NB Card
Supplier: Apple Computer, Inc., 20525 Mariani Ave., Cupertino, CA 95014, 408-996-1010

DOS Mounter

DOS Mounter is a utility that lets the Apple SuperDrive hardware access MS-DOS disks from the desktop, instead of through Apple File Exchange. With DOS Mounter in the System Folder, MS-DOS disks appear on the desktop and behave like Macintosh disks. Subdirectories are shown as folders and files as document icons. Users can select and drag items with the mouse, copy MS-DOS files, documents and applications and put them in the trash. DOS Mounter contains Extension Mapping^{s}, which links MS-DOS file extensions with Macintosh applications. Opening an MS-DOS file with the application is a matter of clicking on its icon.

Approximate Cost …………………………………………………………………………… $89
Supplier: Dayna Communications, 50 South Main St., Suite 530, Salt Lake City, UT 84144, 801-531-0600

MacBLAST for MS-DOS Communications

MacBLAST communications software provides file transfer and text file format conversion between Macintosh and MS-DOS, plus terminal emulation (VT220, D200, D411, etc.) and file transfer to many other computers. MacBLAST supports MultiFinder for background file transfers and allows users to switch back and forth between Macintosh and PC operations. Wide area networks can be created between central computers running BLAST and any number of remote Macintosh computers or PCs. MacBLAST uses standard RS232 connections, regular dial-up phone lines and X.25 networks. Features include: scripting capabilities for creating unattended operations, on-line help, automatic dialing and access to remote systems, and operation via standard phone lines or X.25 packet networks, satellite links and noisy environments such as international phone lines.

Approximate Cost ………………………………………………………………… $195 to $250
Supplier: Communications Research Group, 5615 Corporate Blvd., Baton Rouge, LA 70808, 800-24-BLAST

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xFer 1.1

xFer is a file transfer system which allows DOS computers to exchange files, folders, and directories with the Macintosh family of computers. xFer includes software for both computers and an optional 12-foot serial cable used for communications. xFer allows modem or direct connections, supporting baud rates from 300 to 57.6 Kbps. User-configurable translators consist of Macintosh and PC file filters, user defined search and replace strings, Macintosh type and creator specs, high bit processing, and import/export capabilities. Other features include DOS file/directory moves and copies from the Macintosh, support for non standard modems, upper-to-lowercase conversion of new Macintosh file/directory names, stand-alone MacBinary translations on the Macintosh, Macintosh user interface updated to Apple's latest standards, transfers under/supports MultiFinder, and COM 3 and 4 support on the PC.

Approximate Cost .... $100 to $130
Supplier: Messenger Software, Inc., 180 W. Streetsboro Rd., Unit #5, Suite #302, Hudson, Ohio 44236, 216-688-0696

XCOM 6.2

XCOM 6.2 is a facility for transferring data (including reports, jobs, and files) between Macintosh and IBM mainframes, Systems 3X's, AS/400's, DEC VAX's, PC's (both DOS and OS/2), Stratus, S/88, Data General's, token ring LAN's, LAN gateways and UNIX-based systems including Sun and Apollo workstations. XCOM 6.2 provides a consistent user interface regardless of the computer it's installed on. By utilizing APPC/LU6.2, XCOM 6.2 permits high-speed peer-to-peer transfers to be initiated at either end, unattended, with error checking and automatic error recovery. Communications are at the operating system level, without terminal emulation. XCOM 6.2 typically allows record lengths of up to 32K. It supports dial-up or dedicated lines, CPU channels, coax, and token ring LAN. It handles both binary and character data, in either ASCII or EBCDIC. XCOM 6.2 runs on Macintosh Plus systems (and higher) running System 6.0 (and higher) with 512K RAM (minimum). It uses MacAPPC in conjunction with the Serial NB or TokenTalk NB card.

Approximate Cost $495
Supplier: Spectrum Concepts, Inc., 150 Broadway, Suite 814, New York, New York 10038, 212-766-4400

MacLinkPlus/PC, Version 4.5

MacLinkPlus/PC is a complete kit for transferring and translating documents between a Macintosh computer and an IBM PC, compatible, or laptop. It has a library of over 150 translators for word processors, spreadsheets, databases, and

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graphics. Converted files remain fully formatted and usable in the new environment. The product comes with software for both machines, allowing the user to transfer and translate files from one computer to the other.

Approximate Cost $199
Supplier: Data Viz Inc., 35 Corporate Dr., Trumbull, CT 06611, 203-268-0030

MacLinkPlus/Translators, Version 4.5

MacLinkPlus/Translators is a set of over 150 translators for most word processing, spreadsheet, database, and graphic formats. The conversion process resides on the Macintosh computer and is used to translate files between PC and Macintosh formats. Translated files retain their original formatting and are fully usable in their new form. The translators included in the program are usable as a desktop utility or within different applications. They can be used to extend the translation capabilities of the Apple File Exchange utility, used within MacWrite II, in conjunction with an external DOS disk drive or file server, or with the new FDHD SuperDrive. Once the files reach the Macintosh desktop, the translation process can be completed with a few clicks.

Approximate Cost $169
Supplier: Data Viz Inc., 35 Corporate Dr., Trumbull, CT 06611, 203-268-0030

MacBinary To Mac v1.0

MacBinary To Mac is an Apple File Exchange translator document that translates files stored in the industry standard MacBinary format back into its original Macintosh format. It reads files stored on Macintosh, ProDOS, and MS-DOS disks.

Approximate Cost $10
Supplier: PEEK [65], P.O. Box 586, Pacifica, CA 94044, 415-359-5708

Access Software Tools

MacChuck PC Remote Control

MacChuck controls a PC from a Macintosh via AppleTalk or a direct connect cable. MacChuck allows users to operate DOS programs through a window on a Macintosh. With MacChuck, users can use the Macintosh Clipboard Copy and Paste commands with PC programs. MacChuck also copies text, binary, and MacBinary files between the Macintosh and the PC. When a PC with a PC AppleTalk card running MacChuck is used in an AppleTalk network, any Macintosh on the network can operate the PC. When direct serial communication is used, MacChuck operates at 57,600 baud. The MacChuck PC Remote Control Program package includes software for both Macintosh (800K disk) and PC (both 5.25-inch and 3.5-inch disks). A 10-foot direct connect cable that connects a Macintosh Plus, SE,

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or II to a 9-pin or 25-pin PC serial port is also included. A mini-8 to 9-pin "classic" Macintosh adapter is available separately.

Approximate Cost $100
Supplier: Vano Associates, Inc., P.O. Box 12730, New Brighton, MN 55112, 612-788-9547

HandOff II

HandOff II allows all files to be opened directly from the Finder, even if the application is missing or if the files were transferred to the Macintosh from another computer. Users can assign files to applications by creator (e.g. MacWrite, Mac-Paint), by type (e.g., TEXT, PICT) or by filename extension (e.g., .ASC, .TXT, .WK1). HandOff II includes a file launcher. Users can build pop-up menus of applications and documents, and access the menu with a click of the mouse. Users can create "working sets" of documents to be opened with a single selection. HandOff II can also be configured to change the color depth and sound level when launching or switching applications. HandOff II will find the application even if it's been renamed or moved.

Approximate Cost $80
Supplier: Software Innovations, Inc., P.O. Box 811, Allen, TX 75002, 214-727-2329

PIXymbols[§]

PIXymbols are PostScript-based fonts for use in instructional materials and computer documentation relating to the PC. Users can duplicate and create PC screen images for printing. The fonts emulate the extended ASCII character set used on the IBM PC as well as a complete mono-spaced alphabet, including accented characters. PIXymbols 2107 is for use with SoftPC v.1.3., to dump an ASCII screen created in MS-DOS on the Macintosh II, or SE/30, via the Scrapbook. PIXymbols 2108 matches the IBM key assignments, and can be used like 2107 with older versions of SoftPC, and other DOS-emulating utilities. PIXymbols 2109 re-assigns the PC extended characters on the Macintosh keyboard, to make it possible for Macintosh-only users to create the same type of screens. A character in each font allows users to highlight text in grey. PCcharSet generates PC characters 01 to 31. After the fonts are installed once, they will download automatically to the printer. Screen fonts are provided in sizes appropriate to each specific font. Included is a Desk Accessory utility, Find PIXymbols, which allows users to locate a specific character in any font.

Approximate Cost $145
Supplier: Page Studio Graphics, 3175 N. Price Rd. #1050, Chandler, AZ 85224, 602-839-2763

AccessPC

AccessPC enables Macintosh users to use disks and files from MS-DOS and OS/2 PCs as icons in the Finder just like Macintosh icons. AccessPC mounts locked or full

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disks, formats MS-DOS disks using the Finder's Erase Disk command, and maintains the normal MS-DOS disk format even when moving files to the disk. MS-DOS data files can be recognized and assigned to Macintosh applications through the Control Panel, so they may be opened or printed directly from the Finder. AccessPC works with virtually any disk drive that can support PC disks: Apple's SuperDrive (FDHD), PLI's TurboFloppy, Kennect's Drive 360, Drive 1200 or Drive 2.4 connected to the Rapport interface, Dayna File drives and the Outbound Portable disk drive. Formats supported are 1.44MB and 720K 3.5-inch disks, and 1.2MB and 360K 5.25-inch disks. AccessPC also mounts "hard disk" container files used by the SoftPC PC-compatible, so files can be moved to and from this MS-DOS environment that runs in a Macintosh.
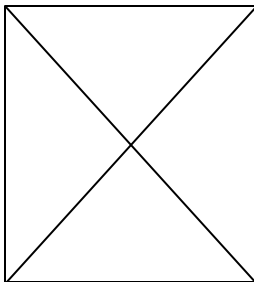
Approximate Cost ……………………………………………………………………………… $90
Supplier: Insignia Solutions Inc., 254 San Geronimo Wy., Sunnyvale, CA 94086, 408-522-7600

DBF-Access Tools for HyperCard 1.0

DBF-Access Tools for HyperCard 1.0 is a software add-on that gives HyperCard users the ability to access information stored in dBASE III PLUS compatible database (DBF) and memo files. DBF-Access Tools for HyperCard 1.0 provides a set of eleven external commands and functions which give the HyperCard user the ability to analyze DBF files and import records from them into any stack. Additional commands allow the user to update the DBF files in place, or to create new DBF files for use by Dbase-language applications. Support is provided for dBASE III field types, including memo fields. The DBF-Access package comes in its own stack that contains documentation, a script-writer's tutorial, and many example handlers and buttons. An "installer" button allows users to install the desired commands and scripts into their stacks. The DBF-Access package also includes eleven additional external commands and functions which provide general-purpose file management capabilities.

Approximate Cost ……………………………………………………………………… $25 to $95
Supplier: Nittany Development Group, Inc., 606 North Armistead St., Alexandria, VA 22312, 703-256-0791

MS-DOS Emulation

SoftPC

SoftPC provides PC-compatibility for Macintosh by emulating the hardware environment of an IBM PC XT with EGA graphics, or optionally an IBM AT, computer. SoftPC uses the SuperDrive and the Macintosh hard disk to read/write PC files. The Macintosh runs the MS-DOS programs that create and modify PC files and data directly. MS-DOS version 3.3 is bundled with SoftPC, pre-installed. Any PC file types can be used. Serial communications are also supported. SoftPC can move

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data into the Macintosh realm by offering copying and pasting of text and graphics into Macintosh applications, printing on Macintosh printers, and shared Macintosh/PC file storage. Macintosh file types can be set as needed. The Macintosh runs the MS-DOS and Windows program. SoftPC is entirely software-based. Upgrading from PC to AT compatibility requires Option Module.

Approximate Cost ……………………………………………………………………… $399 to $598
Supplier: Insignia Solutions Inc., 254 San Geronimo Wy., Sunnyvale, CA 94086, 408-522-7600