

The Environment

# Macintosh/MS-DOS Connectivity:

	<b>Media Compatibility</b>	<b>Data</b>	
<b>Sub Classification</b>	Macintosh with MS-DOS compatible disk drive	RS-232 connection	AppleTalk network
<b>Hardware Requirements</b>	<ul style="list-style-type: none"> <li>External 5.25-inch drive</li> <li>Internal FDHD 3.5-inch drive</li> </ul>	<ul style="list-style-type: none"> <li>RS-232 cable</li> </ul>	<ul style="list-style-type: none"> <li>LocalTalk PC Card for each MS-DOS computer</li> <li>LocalTalk connectors and cables for each computer</li> <li>Dedicated Macintosh computer for some solutions</li> </ul>
<b>Software Requirements</b>	<ul style="list-style-type: none"> <li>The products include MS-DOS-to-Macintosh software</li> </ul>	<ul style="list-style-type: none"> <li>File transfer software</li> </ul>	<ul style="list-style-type: none"> <li>File server or mail software</li> </ul>
<b>Applicable Products</b>	<ul style="list-style-type: none"> <li>Apple FDHD Internal Drive</li> <li>Apple FDHD External Drive</li> <li>Apple PC 5.25 External drive</li> <li>Dayna File external drive</li> <li>DOS Mounter</li> </ul>	<ul style="list-style-type: none"> <li>Apple File Exchange</li> <li>MacLink Plus</li> <li>MacBLAST</li> <li>xFer</li> <li>XCOM 6.2</li> <li>MacBinary</li> </ul>	<ul style="list-style-type: none"> <li>AppleShare and AppleShare PC</li> <li>SMB File Transfer Utility</li> <li>TOPS</li> <li>Microsoft Mail</li> <li>cc:Mail</li> </ul>
<b>Application Notes</b>	<ul style="list-style-type: none"> <li>Minimal setup required</li> <li>Read/write MS-DOS formatted diskettes without MS-DOS CPU</li> <li>Simple solution when stand-alone Macintosh requires MS-DOS data</li> <li>Macintosh computers and PCs need not be in same location</li> <li>No LAN required</li> </ul>	<ul style="list-style-type: none"> <li>For low-volume transfer</li> <li>Most economical solution</li> <li>No LAN is required</li> <li>Appropriate for centralized file conversion</li> </ul>	<ul style="list-style-type: none"> <li>Provides for maximum sharing and integration of MS-DOS and Macintosh data</li> <li>Facilitates real-time information sharing</li> </ul>

# A Range of Options

Compatibility			Application Compatibility
Internetworking	Vmainframe	Viapublicelectronic-mailnetwork	MS-DOS coprocessor board or MS-DOS emulation software
<ul style="list-style-type: none"> <li>· Hardware server</li> <li>· Router</li> <li>· Bridge</li> <li>· Gateway</li> </ul>	<ul style="list-style-type: none"> <li>· 3270 interface hardware for IBM</li> <li>· RS-232 or Ethernet for Digital</li> </ul>	<ul style="list-style-type: none"> <li>· Modem</li> <li>· Network connection</li> </ul>	<ul style="list-style-type: none"> <li>· Coprocessor expansion board</li> </ul>
<ul style="list-style-type: none"> <li>· Router</li> <li>· Supplied by server manufacturer</li> </ul>	<ul style="list-style-type: none"> <li>· Macintosh-PC host file-transfer software</li> </ul>	<ul style="list-style-type: none"> <li>· Macintosh-PC electronic mail application</li> <li>· Network software</li> </ul>	<ul style="list-style-type: none"> <li>· MS-DOS emulation software</li> </ul>
<ul style="list-style-type: none"> <li>· DEC LanWORKS for Macintosh</li> <li>· Novell NetWare</li> <li>· Northern Telecom LANSTAR</li> <li>· 3Com 3S/500 and 3+ Open</li> </ul>	<ul style="list-style-type: none"> <li>· DEC LanWORKS for Macintosh</li> <li>· Token Talk NB Card</li> <li>· Apple Coax Twinax Card</li> <li>· Apple 3270 API</li> <li>· MacDFT</li> <li>· IRMA software</li> <li>· MacMainFrame</li> <li>· pcLINK</li> </ul>	<ul style="list-style-type: none"> <li>· CompuServe</li> <li>· Dow Jones Desktop Express (for Macintosh)</li> <li>· Lotus Express for MCIMail (for MSDOS)</li> </ul>	<ul style="list-style-type: none"> <li>· Mac86</li> <li>· Mac286</li> <li>· SoftPC</li> </ul>
<ul style="list-style-type: none"> <li>· Appropriate for integrating Macintosh computers into existing LAN environments</li> <li>· Provides access to NetBIOS and Token Ring networks</li> </ul>	<ul style="list-style-type: none"> <li>· Appropriate when Macintosh and MS-DOS users are connected to the same mainframe network</li> <li>· Allows Macintosh and MS-DOS access to files stored on host</li> </ul>	<ul style="list-style-type: none"> <li>· Macintosh and MS-DOS users can exchange file anywhere in U.S. with a simple hardware/software configuration</li> </ul>	<ul style="list-style-type: none"> <li>· Allows Macintosh to run MS-DOS applications</li> <li>· Appropriate when an MS-DOS application is required</li> <li>· Eliminates need for two separate computers</li> </ul>