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## MacMainFrame for PATHWORKS: DECnet to IBM Connectivity

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TOPIC -----

Is there 3270 Terminal Emulation software that runs on the Macintosh via the DECnet protocol?

I want to use 3270 terminal emulation to the VAX. The VAX would be the gateway to a 3090 mainframe. The protocol between the VAX and the 3090 would be SNA.

DISCUSSION -----

MacMainFrame for PATHWORKS allows Macintosh computers in a DECnet environment to connect to an IBM host via Digital Equipment Corporation's DECnet/SNA Gateway.

Macintosh computers must be equipped with PATHWORKS for Macintosh and MacMainFrame for PATHWORKS software in order to establish host connections through the DECnet/SNA Gateway. PATHWORKS allows Macintosh computers to use DECnet to connect directly to a DECnet/SNA Gateway that resides on the network. PATHWORKS also lets Macintosh computers use AppleTalk to connect to the DECnet/SNA Gateway via PATHWORKS' built-in AppleTalk-to-DECnet gateway software. Once the Macintosh is connected to the DECnet/SNA Gateway, MacMainFrame for PATHWORKS instructs the gateway to establish host sessions.

Once a Macintosh in the DECnet environment is connected to the host, users can take full advantage of all MacMainFrame features including IBM 3278/3279 terminal and 3287 printer emulation, copy and paste, keyboard remapping, pull-down and tear-off menus, jump key facilities, customizable color palettes, Easy Keys, on-screen font size selection, System 7 support, and DO structured field-based file transfer.

Users can access financial, word processing and electronic mail host applications and can copy and paste information into Macintosh applications including Microsoft Excel, Word, and so on. MacMainFrame's multi-session capability allows users to have up to eight host sessions open at one time. And the software's multi-server feature allows users to connect to more than one DECnet/SNA Gateway and to more than one IBM host simultaneously.

Custom applications developed with the MacMainFrame Programmer's

Toolkit Application Programming Interface (API) are compatible with MacMainFrame in the DECnet environment.

MacMainFrame for PATHWORKS also supports Avatar's MacMainFrame Graphics -- an optional software package that allows users to edit mainframe graphics packages on the Macintosh. In addition, MacMainFrame for PATHWORKS also supports FrontCard, Avatar's HyperCard-based programmer's toolkit for custom 3270 interface development.

MacMainFrame Workstation for PATHWORKS is available directly through Avatar or Digital Equipment Corporation. Site licenses are available.

To locate a vendor's address and phone numbers, use the vendor name as a search string.

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