



# Tech Info Library

## Open Transport 1.1 and Cross-Platform Issues Q & A (3/96)

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TOPIC -----

This article is the Reference Q & A (questions and answers) on Open Transport 1.1 and cross-platform issues.

DISCUSSION -----

Question: Will Apple port Open Transport to Windows or UNIX?

Answer: Apple does not plan to port Open Transport to other operating systems. Rather, Open Transport is based on Apple porting three existing, cross-platform industry standards to Mac OS. These standards have their roots in the UNIX community and experienced UNIX network developers will find themselves "right at home" when developing for Open Transport.

Question: What about Windows developers? What about Windows Sockets?

Answer: NetManage, the leading developer of TCP/IP protocols and applications for DOS and Windows, now offers Windows Socket tools for Mac OS, to provide access to Open Transport/TCP and MacTCP services via the Windows Sockets (Winsock 1.1) API.

NetManage's WinSock for the Mac OS is WinSock 1.1 compliant and is being certified by the WinSock Labs operated by Stardust Technologies, Inc., which performs compatibility testing. The SDK for Mac OS costs \$250 per license, with free distribution.

For more information, contact NetManage at +1-408-973-7171.

Question: With both XTI and Windows Sockets available for Open Transport, which API should a developer use?

Answer: The choice of API will depend upon a developer's background, experience, and goals. For developers with a background in UNIX, a need for POSIX compliance, or a need to deploy an application across Mac OS and UNIX systems, XTI is the logical choice. For developers with a background on Microsoft Windows, or a need to deploy an application across Mac OS and Windows, Windows

95, and/or Windows 95 systems, the planned Winsock tools from NetManage will provide an attractive cross-platform alternative.

Apple is committed to XTI and will focus development on transport independence around this API. Mac OS developers now using classic AppleTalk or MacTCP APIs are encouraged to move to Open Transport XTI API.

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