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## Macintosh: What's Needed to Network with Altos 5000 (SCO UNIX)

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### TOPIC -----

An Altos 5000 running SCO UNIX, and TCP/IP net BIOS are necessary to connect a Macintosh IIci computer and a Macintosh Quadra 700 into a UNIX platform. As far as I know, I should be using 10Base-T with 64K buffered EtherNet cards and a TCP/IP hardware router. I'm uncertain of the software necessary.

### DISCUSSION -----

Using Ethernet to make the basic connection to the Altos 5000 sounds like an excellent choice. If the Altos is already connected to an existing network, all you need is an Ethernet card for the Macintosh and a TCP/IP-based connection application to start exchanging data with the UNIX host. As for the Ethernet card, we recommend the Apple Ethernet NB card.

There are several ways to access the server, and more specifically the data stored on the server. You could use any of the UNIX-based AFP packages available from various vendors. Using one of these packages allows the Macintosh ease of use without throwing in the complications of UNIX, FTP (File Transfer Protocol), Telnet, and so on.

Depending on what type of data you need to access and user expectations, you could use any of the MacTCP-based packages to log on to, and transfer files from, the server. You could also use a Macintosh NFS application, such as that available from Intercon or Cayman. This would allow the Macintosh users to access UNIX-resident files as though they were local files. You might consider the Intercon or Wollongong commercial products or the widely-used NCSA public-domain package. You might also consider a CommToolBox-based application. You could use any CommToolBox-based communications program, such as MacTerminal 3.0, VersaTerm Pro, and so on. Or you might use a telnet/ftp tool available from a variety of sources, like InterCon and VersaTerm (ships the product with a telnet tool).

For details about these products, use "Macintosh and TCP/IP and Applications" as a search string. To locate a vendor's address and phone numbers, use the

vendor name as a search string.  
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