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ARA and X.25: MultiPort Server X.25 - Description (6/95)

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Revised:        6/8/95
Security:       Everyone


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TOPIC -------------------------------------------------------------


This article describes the X.25 connection for Apple Remote Access.


DISCUSSION --------------------------------------------------------


The X.25 Network Extension Kit for the Apple Remote Access MultiPort Server
allows users to connect from Apple Remote Access clients to Apple Remote Access
MultiPort Servers through both public and private X.25 telephone networks.


X.25 networks allow dial-in users to call a local phone number to access a
remote connection. This allows users to access local-area networks remotely
while only being charged for local phone connection rates, therefore, companies
with large, mobile work forces can use X.25 networks to reduce phone charges.


X.25 Provides:
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    • Connection to an X.25 network
    • No need for modems on the Multiport Server
    • Maximum of eight X.25 ports on a single Serial NuBus card (practical
      limit could be much less)
    • X.25 support to any number of clients (each client must have the ARA
      Client application installed)


What You Need to Set Up an X.25 ARA Connection
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    • Apple Remote Access MultiPort Server which includes:
      - one serial number
      - one Apple Serial NuBus Card
      - one Apple RS-232 C Cable
      - four client software packages


    • Apple MacX25 which requires:
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- one or more serial cards, and V.35 or RS-232-C cabling
- Apple Part Number: M0711Z/E
- MacX25 supports up to 64 virtual circuits and operates at up to 64 Kbps with the V.35 cable

You do need to subscribe to and pay all fees for the X.25 network to which you connect.

- Apple Remote Access X.25 Extension which includes:
  - X.25 Server software which is installed on the MP server
  - X.25 Clients software which is installed on all ARA Client Macintosh Computers (NOTE: it is not necessary for clients to install the MacX25 user software)

  X.25 Extension Package does not provide any additional Client packages. Four Client packages are provided with the Apple Remote Access MultiPort Server.

Information Users Need to Access the X.25 Server

- the name of the network to which the X.25 server is connected (CompuServe, InfoNet, SprintNet, Tymnet inbound/outbound, or Vanilla X.28)
- The X.25 network address of the server
- their X.25 user id, if needed
- their X.25 user password, if needed
- whether reverse charging or local charging is permitted
- any other connection details

Clients will use the Options button in the Remote Access Connection window to indicate an X.25 connection. The Apple Remote Access Client User's Guide also provides instructions on connecting to an X.25 network.

Availability and Pricing

Apple's X.25 Network Extension Kit is available now through authorized Apple resellers at an Apple Price of $199 in the U.S.

MacX25 is available through resellers at an Apple Price of $599 in the U.S.

To find a nearby Apple dealer or reseller in the U.S., call 1-800-538-9696. For information about product support outside the U.S., contact the local Apple subsidiary or distributor. Prices and configurations may vary outside the U.S. For more information on any Apple Remote Access products, call the Apple Network Information Line at (408) 862-3385.

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Support Information Services

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