MacX25

MacX25™ provides the latest versions of software needed to link your Macintosh™ to an X.25 network, and to use a Macintosh as a gateway to an X.25 network.

Using the MacX25 server software, a Macintosh computer connects directly to an X.25 network, and serves as a gateway to distribute host computer and end-user services to local clients.

The client software, called MacPAD™ (Macintosh Packet Assembler Disassembler), is provided as a Communications Tool Box (CTB) connection tool. This allows any CTB aware application to connect to a MacX25 gateway over an AppleTalk™ internetwork.

In addition, MacX25 also includes an administrator's application that facilitates configuration and administration of the server. The built-in address book service allows a network administrator to pre-configure details of X.25 addresses at the server. This provides MacPAD users with a simple menu of host and end-user services, represented by a descriptive name.

MacX25 also features a powerful programming interface, allowing developers to create Macintosh client-server applications that communicate over an X.25 network.

Two separately available products – the MacX25 Router Extension and the Apple Internet Router – can be combined with MacX25 to interconnect remote AppleTalk LANs across a public or private X.25 network carrier.
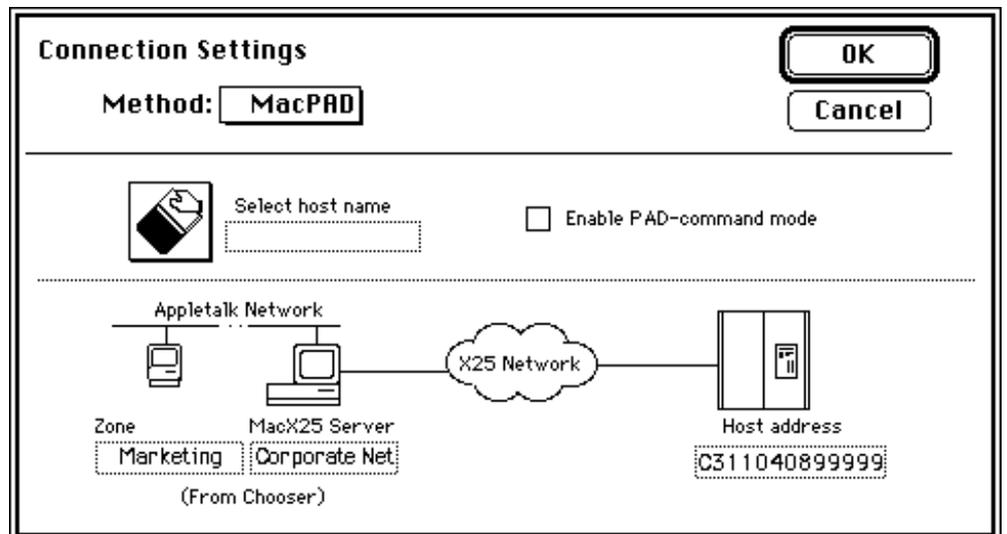
MacX25

Ordering Information

MacX25
- MacX25 server software
- MacX25 user software (MacPAD)
- *MacX25 Administrator's Guide*
- *MacX25 User's Guide*

MacX25 Router Extension
- MacX25 router extension software
- *Using the AppleTalk/X.25 Wide Area Extension Guide*

MacX25 Developer's Kit
Available on the Essentials•Tools•Objects (E.T.O.) CD-ROM from APDA™ on 0101 (716) 871 6555

Apple Serial NB Card
To use the Apple Serial NB Card, you will also need one of the following cables:
- RS-232 Cable
- V.35 Cable

Product Details

Technical Details

MacX25 supports:
- CCITT 1980 and CCITT 1984 Compatible Mode
- Packet Assembler - Disassembler (X.3, X.28, X.29)
- Operation as a DTE or DCE terminal
- A single link for each Apple Serial NB Card; multiple cards per Macintosh are supported
- Operation at up to 19.2 Kbps with RS-232
- Operation at up to 64 Kbps with V.35

MacX25 does not support:
- Permanent Virtual Circuits
- X.32 (dial-up X.25)

The MacX25 Router Extension supports:
- Connections to up to eight (8) Apple Internet Routers per Apple Serial NB Card
- Multiple cards per Macintosh
- Password protection between each pair of routers

MacX25 Developer's Kit

The MacX25 Developer's Kit is used in conjunction with the MacX25 server to provide X.25 connectivity to application programs. The Kit includes a C Programming Library, with a high-level application programming interface. Technical support is available to registered Apple Development Partners.

Network Certification

MacX25 is certified for connection to:
- Austria — DATEX-P
- France — Transpac
- Germany — DATEX-P
- Hong Kong — DATAPAK
- Italy — ITAPAC
- Netherlands — Datanet-1
- Norway — DATAPAK
- Spain — IBERPAC
- Sweden — DATAPAK
- UK — PSS
- USA — Telenet, GEIS (GEISCO) and Tymnet

In addition, MacX25 can be used to connect to public X.25 networks in:
- Australia — Austpac
- Canada — Datapac
- Denmark — DATAPAK
- Switzerland — Telepac

System Requirements

To set up a MacX25 server, you need:
- A Macintosh computer with a hard disk, at least one available NuBus™ expansion slot, and 4 MB of RAM
- Macintosh system software version 6.0.7 (or later) or System 7.0 (or later)
- At least one Apple Serial NB Card, with the appropriate RS-232 or V.35 interface cable

To use MacPAD, you need:
- Macintosh computer with a hard disk
- Macintosh system software version 6.0.7 (or later) and at least 2 MB of RAM, or System 7.0 (or later) and at least 4 MB of RAM
- A terminal service application that uses the Macintosh Communications ToolBox
- An appropriate networking card if you want to use MacPAD in an Ethernet or Token Ring environment

To use the MacX25 Router Extension, you need:
- A Macintosh computer configured to support the MacX25 server
- Macintosh System 7.0 (or later)
- An X.25 line with a minimum throughput of 9.6 kilobits per second (Kbps). 19.2 Kbps is recommended, and higher throughputs may be required if your AppleTalk networks are very large

Claris International, Inc. is a distributor of Apple software products.

For further information, please call 0800 422322