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MacX25: Number of Server Connections Supported (7/93)

Revised: 7/8/93
Security: Everyone

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Article Change History

07/07/93 - UPDATED
• To include new information.

TOPIC -----

What is the practical, maximum number of MacX25 connections one server can open? Does the MacX25 server software require a dedicated machine?

DISCUSSION -----

The maximum number of virtual circuits (VCs) supported is dependent upon the number of Serial NuBus cards used by the MacX25 server. Each card supports a maximum of 64 VCs. There is a maximum number of VCs supported by the MacX25 server itself of around 250 VCs. So if you configured a MacX25 server using 4 Serial NuBus cards, you could theoretically support $4 * 64 = 256$, or 250 VCs.

The actual number of users that can be simultaneously supported depends on:

- The speed of the line (2400bps or a rate from 9600bps to 64000bps)
- The usage pattern (terminal traffic vs file transfer)
- The LAN media (EtherTalk or LocalTalk)

The X.25 server can run in the background; therefore, you do not need to dedicate a Macintosh to run MacX25.

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