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Apple Remote Access X.25: Virtual Circuits (6/94)

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TOPIC ---

We are testing the AppleTalk Remote Access X.25 solution, and have installed an
X.25 service from Sprint with 22 virtual circuits. Based on initial test, the
X.25 client software only allows 4 users to connect. Is there a way to utilize
our client software and realize the virtual connections capability of the Sprint
offering. There is an ultimate plan to allow up to 750 users to use this
service.

DISCUSSION --

The only way to allow additional X.25 connections (virtual circuits) is to
purchase one or more AppleTalk Remote Access 4 port upgrade(s). This of course
gets you a card (which you may not need) but will provide you with the
capability of supporting up to 8 virtual circuits per card.

The AppleTalk Remote Access X.25 configuration limits are:

• Up to 8 virtual circuits are support per card up to a maximum of 16
  circuits per server.

• You cannot combine modem and X.25 communications links on the same card.

• 4 virtual circuits can be activated per AppleTalk Remote Access license
  with additional ports available by purchasing additional licenses up to a
  maximum of 16 ports per server.

The bottom line is, you can only support 16 simultaneous connections per server.
 With asynchronous based modem connections that would require 4 serial NuBus
cards. With X.25 that would require 2 to 4 Serial NuBus cards (depending on how
you configure the virtual circuits).

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