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SNA•ps Gateway and Memory on Serial NB Card (6/93)

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TOPIC -----

In using the SNA•ps Gateway technology, I'm getting a memory error when I try to start the actual Gateway. It tells me that the configuration uses 37100 Bytes of memory when he only has 37000 Bytes. Does this mean that I need to upgrade the memory in the computer or on the serial card used to complete the modem link?

DISCUSSION -----

Sounds like you're using an Apple Serial NB card and using a SNA•ps 1.1.1 gateway. This solution uses Apple's MCP (Smart card) technology which loads software onto the card as part of the normal operation. The Apple Serial card comes with 0.5MB of RAM on board and after the SNA•ps SNA gateway code loads on the card there is only 37,000 bytes left for the configuration information.

The configuration information is taken from the SNA•ps config file used with the SDLC gateway. Based on your report, the config file is 100 bytes too large for the available RAM space.

The solutions is twofold:

- Remove one 3270 LU from the configuration which saves 1930 bytes
- Upgrade the RAM by 0.5MB on the Apple Serial card. This is not a problem with Mac main RAM. The upgrade can be purchased from Apple as part number M0145LL/A, or by contacting Marshall's Electronics at 800-800-2968 and ordering four TI chips TMS44C256-10SD at \$8.20 each for a total cost of \$32.80. The chips (regardless of supplier) need to be installed with the "cut-off" corner to the outside edge of the card (away from the components) using the four ZIP chip sockets. ZIP stands for Zig-zag In-line Package.

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