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Macintosh: How To Access DOS EIS Application

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TOPIC -----

I want to run a DOS application from a Novell server. The application is an Executive Information System (EIS), which exists on a Novell server on Token Ring. It requires EGA graphics.

I plan to put a LocalTalk PC Card into a 386-based DOS machine. This machine already has a Token Ring card to connect it to a Novell server. I would like to run the Novell drivers and the necessary parts of the AppleShare PC package, along with PCAnywhere from Digital Microprocessor Associates on the DOS machine. On the Macintoshes, I want to run PCMacTerm (also from Digital Microprocessor Associates), which lets the Macintoshes act as terminals to the DOS machine.

Can we run the Novell drivers, the appropriate AppleShare drivers, the Token Ring card, and the LocalTalk PC Card in the DOS machine and still have enough memory left to run the application? Can we run the Token Ring and LocalTalk PC Cards together in the DOS machine and access both services?

DISCUSSION -----

Basically, it sounds like you want a Macintosh to gain access to a DOS EIS application running on a Novell Server, via a "PC Gateway". Conceptually, this sounds feasible. However, it would be prudent to test this configuration.

From a memory standpoint, you should be okay. The AppleShare PC software can be pared to 50K or so. The Novell software requires a little more room, perhaps as much as 80K or 90K. Those memory requirements combined with DOS (roughly 100K) still leaves 400K (640-50-90-100=400) for the application.

Even if you do run short of memory, third-party cards and programs may help you work around the limitation. Two such products are HiCard and MOVE'EM (information on each is in the Tech Info Library).

The minimum AppleShare PC drivers needed are LSL.COM, LTALKP.COM, ATALK.COM, and COMPAT.COM.

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