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## DOS Compatibility Card: Erratic LocalTalk Services (12/96)

Article Created: 26 September 1995

Article Reviewed/Updated: 3 December 1996

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TOPIC -----

I am currently attempting to troubleshoot a DOS Compatibility Card issue.

On two Power Macintosh 6100 DOS Compatible computers when MS-DOS is running, LocalTalk/AppleTalk services in the Mac OS behave erratically. Zones and devices seem to appear and disappear from the chooser. The DOS Compatibility Cards are sharing memory from the Mac OS.

Here is what I have attempted so far:

- Reset PRAM
- Pressed F5 during startup to ignore AUTOEXEC.BAT and CONFIG.SYS
- Verify jumper in 'SX' position (for DX setting)
- Clean System software install
- Clean DOS Compatible software install
- Replaced PhoneNet connectors
- Replaced DOS card in system
- Replaced system
- Replace PhoneNet with Ethernet: problem disappears
- Connect only two systems with PhoneNet: problem consistent (w/FileSharing)
- New empty DOS container (PC running, not booted): Problem after floppy boot

DISCUSSION -----

To correct this, install a SIMM on the DOS Compatibility Card. There is a problem with the serialDMA driver and the DOS Compatibility Card in a shared memory environment. This will probably not be fixed with the current implementation. Future implementations of the DOS Compatibility Card will ship with a SIMM installed on the card.

Article Change History:

03 Dec 1996 - Corrected spelling.

28 Mar 1996 - Changed title for better searchability.  
03 Oct 1995 - Reworded discussion to better reflect solution.

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Keywords: kwindows

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19961204 08:11:01.00

Tech Info Library Article Number: 18655