



Tech Info Library

LaserWriter Pro 810: PostScript Errors Using LocalTalk (11/95)

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TOPIC -----

I'm getting random PostScript errors from my LaserWriter Pro 810 using LocalTalk. These errors seem to happen more often when printing large files at 800 DPI (Dots Per Inch). Also it only happens when more than one person is printing to the LaserWriter Pro 810.

DISCUSSION -----

We have reproduced this problem with regularity using the following configuration.

- Power Macintosh 7100, LaserWriter driver 8.2, MacWrite II, and Adobe Illustrator.
- Power Macintosh 6100 , LaserWriter driver 8.2, MacWrite II, and Adobe Illustrator.
- All machines on LocalTalk.
- LaserWriter Pro 810 set to 800 DPI.

Steps to Reproduce

- Configure the network with the components described above.
- Use LaserWriter Utility to set the LaserWriter Pro 810 to 800 DPI.
- Launcher several graphics type print jobs from the 6100.
- Launcher several graphics type print jobs from the 7100.
- The Print Monitor produces a standard dialog error box reporting a PostScript error.

A trace has revealed that there are CRC errors that occur during the test. Under normal circumstances the printer should take action and ask for a retransmission of these packets, but instead it sends a release back to the client indicating that everything was received OK. Since in fact there is an error in the transmission, the result is a PostScript error.

Work Around

There are two things you can do to either reduce the frequency of the errors, or to eliminate the error.

- 1) There is a ROM fix available that takes care of this issue. Send an escalation to the Tech.Comm AppleLink address describing the issue you are having. If it is determined that the ROM fix will help, you will be sent a copy of the new ROMs. "No" other issues have been fixed with these ROMs except for the issue described above.
- 2) It seems that the frequency of the errors decrease about 80% if the printer is switched to 400 DPI. Also there are reports that with background printing turned off, this error will not occur.

Article Change History:

08 Nov 1995 - Updated article with ROM fix.

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