Tech Info Library

LaserWriter Pro 810 and Netware ATPS Print Services (1/94)

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Security:       Everyone


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TOPIC -------------------------------------------------------------


This article describes an problem when using the Apple LaserWriter Pro 810
with Novell's Netware ATPS Print Services.


DISCUSSION --------------------------------------------------------


Novell's  Netware ATPS Print Services is unable to make valid connections
to the LaserWriter Pro 810 via the EtherTalk protocol.  Presently you'll
need to bind with IPX (or LocalTalk), not EtherTalk.  Note this problem
does not affect the Novell PSERVER Print Services.


Basically, the LaserWriter Pro 810's EtherTalk PAP arbitration is
implemented differently than the LaserWriter Pro 630s and other printers.
Though this implementation is not incorrect, merely different, it does
cause problems with Novell's ATPS software as this software retries PAP
connections with a new connection ID with every new print job instead of
using the same connection ID, causing the LaserWriter Pro 810 to never get
out of the arbitration stage.  The ATPS console will show the printer as
BUSY & IDLE at the same time.


It has been suggested that Netware ATPS administrators bind with Ethernet
II (read Ethernet ii) instead of EtherTalk.  We recommend you not bind the
Ethernet II protocol as this protocol can only support AppleTalk Phase 1
packets.  If you do bind Ethernet II intending to run AppleTalk Phase I,
you'll need to place the server in -t (Transition mode) to translate the
AppleTalk Phase II packets to AppleTalk Phase I and back, and place the
LaserWriter Pro 810 on an AppleTalk Phase I cable segment.


Binding IPX (or using LocalTalk) is the preferred way to print to
LaserWriter Pro 810s via the Netware ATPS queue.


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