## AppleShare PC: How to Print Color

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

Is it possible to print to a color printer through AppleShare PC?  I am
running a PS/2 with AppleShare PC 2.01, Windows 3.0, and Paintbrush from
Windows connected to an NEC Colormate printer.  If I configure the
Paintbrush from Windows to print black and white, I can get a printout, but
it doesn't work in color mode.

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

As you know, the two types of printing that AppleShare PC supports are
PostScript and Epson LQ2500 emulation.  The PostScript mode assumes your
application knows how to communicate correctly using PostScript and just
passes the data to the printer without modification.  This is called
pass-through mode.

Epson LQ2500 emulation works a bit differently, in that AppleShare PC must
translate the plain text and Epson printer control codes into text and
codes for the printer being used; PostScript LaserWriters and ImageWriters
are supported.

In the case of LaserWriter Epson emulation, an Epson emulation dictionary
is downloaded at the start of each job.  Once this is done, the print data
is sent to the emulation dictionary for interpretation and printing.
Because ImageWriters have essentially no processing abilities, they require
AppleShare PC to do all the translation for them.  Unfortunately, no color
emulation features are provided in either mode.

The only way we can think of to get color printing from AppleShare PC would
be to use a color PostScript printer with software that supported it. Since
AppleShare PC just passes the PostScript print data to the printer, it will
let any PostScript data, color commands included, be sent.
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