

# Adobe<sup>SM</sup> Customer Services

## Multiple Master Fonts Not Printing

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### IMAGESETTERS

If a file containing Multiple Master fonts prints to a laser printer but will not print to an imagesetter, it could be because of incompatible software being used on the imagesetter. Many imagesetter users install a piece of software called Kodak® Precision for calibration purposes. Some versions of Precision are incompatible with Multiple Master fonts (see the explanation later in this technical note).

Here are some workarounds to get a file that contains a Multiple Master font to print on an imagesetter using Precision:

- Contact Kodak for information on obtaining a version that is compatible with Multiple Master fonts.
- Remove Precision, and restart the RIP to flush Precision from RAM. Print the job containing the Multiple Master font, and reinstall Precision when it is completed.
- Send a software “patch” to the imagesetter to correct the incompatibility in Precision (code below). This patch was supplied to Adobe by the programmers of Precision; Adobe makes no guarantee as to its effectiveness.

### CREATING THE PATCH

1 Type the following code into a word processor or text editor:

```
%!PS-Adobe-2.0 Exitserver
%%Title: Patch to fix multiple master/Precision ILS compatibility
issue
%%Creator: Southwest Software
%%CreationDate: Thursday, September 17, 1992
%%make sure that findfont is defined in userdict
serverdict begin 0 exitserver
/findfont
dup load def
```

- 2 Save the file in Text format.
- 3 Download the Text file to the RIP using the Downloader.
- 4 Print the Multiple Master file.



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## **WHY CERTAIN VERSIONS OF PRECISION ARE INCOMPATIBLE WITH MULTIPLE MASTERFONTS**

The Precision program creates a copy of the system dictionary (systemdict) and gives the duplicate the same name as the original. This effectively redefines systemdict. The copy is different from the original system dictionary in that its contents can be read and written to, whereas the original is read-only.

Multiple Master software redefines the findfont command to add functionality to the command. The findfont definition is initially defined in the read-only systemdict. The redefinition cannot be put there, so the Multiple Master software searches for another dictionary where findfont can be redefined. Precision's redefinition of systemdict interferes with this search. The result is that the Multiple Master software attempts to put the redefinition of findfont in the read-only system dictionary, which triggers an error.

## **SCITEX® AND MULTIPLE MASTERS**

If you manually download the Multiple Master fonts to the Scitex RIP, you may encounter problems. Scitex recommends that users should not manually download the fonts. Either create a PostScript™ file from the application (see the technical note "Printing Documents with Created Multiple Master Instances") or allow the LaserWriter® driver to automatically download the font. This will allow you to print the file.

## **SCITEX, QUARK™, AND ADOBE ILLUSTRATOR™**

In general, users place Illustrator files into QuarkXPress®. If the Adobe Illustrator file contains a Multiple Master font, the file may not print. What can be done is the reverse. Make an EPS of the Quark file and place it into Adobe Illustrator, then print the file. If the Multiple Master font in the Illustrator graphic is only a few characters long, create outlines in Illustrator for the text and place that graphic into Quark. When printing, follow the steps in the procedure above.