

Configuring

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Color mapping table source and output files

A color mapping table is a printer resource object that defines a translation from certain Mixed Object Document Content Architecture (MO:DCA) structured fields to new color structured fields that newer printers use.

Use color mapping tables to adjust highlight and OCA colors on printers such as the InfoPrint 5000. You can also use a color mapping table to map highlight colors into richer colors on a color printer like the InfoPrint Color 130 Plus printer. To apply color to black and white documents, you must create color mapping table source and object files using the AFP architecture reference.

You can define translations from non-color fields to color, old color fields to new color fields, and from new color fields to different new color fields. Therefore, you can use existing applications and documents with new color fields without changing the applications or documents. You can use various color mappings with a single document to print the document using color in different ways without changing the original document.

The cmt utility creates color mapping tables from configuration files. It lets you create color mappings in a variety of different color modes that are defined through the ColorSpace parameter. For example, you can use the **Highlight** value when adjusting highlight and OCA colors on printers such as the InfoPrint 5000 and InfoPrint C900 AFP.

The sample configuration file, /usr/lpp/psf/config/cmt.cfg (Linux)C:\Program Files (x86)\InfoPrint\PSF\config\cmt.cfg (Windows), contains user-defined specifications. The cmt utility created a MO:DCA sample color mapping table, named cmtsample, from the sample configuration file.

In this section:

[Parts of a color mapping table](#)

A color mapping table consists of a base part, a set of source groups, and a set of target groups. The base part identifies the color mapping table with a type of reset or normal.

[Creating a color mapping table \(example\)](#)

This example shows how to create a color mapping table to print an Advanced Function Presentation (AFP) file that contains pie charts in the color green.

Other topics in this section:

[Identifying AFP resource directories to RICOH ProcessDirector](#)

[Search order for AFP resource extensions](#)

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