

## Overview

[Overview](#) / [Color and Grayscale Printing](#) / [AFP Color Management](#)

# AFP Color Management

There are various ways to print color data with Advanced Function Presentation (AFP). However, to implement an AFP color printing solution with full color management, you must use color management resources (CMRs). We also recommend that you install all your color images as data objects and associate CMRs with them.

## In this section:

### [Color Management Resources](#)

*Color management resources* (CMRs) are the foundation of color management in AFP print systems. They are AFP resources that provide all the color management information, such as ICC profiles and halftones, that an AFP system needs to process a print job and maintain consistent color from one device to another.

### [Data Objects](#)

Presentation data objects contain a single type of data (such as GIF, JPEG, and TIFF images) and can be used in your print jobs. These data objects can be placed directly in a page or overlay or can be defined as resources and included in pages or overlays. Using a data object as a resource is more efficient when that object appears more than once in a print job; resources are downloaded to the printer just once and referenced as needed.

### [Resource Library Management](#)

If you store CMRs and data objects in central resource libraries, you must understand some of the characteristics of resource libraries to make sure that your resources are available when and where you need them.

### [Tips and Best Practices](#)

These general guidelines about creating and managing images and other color resources can improve the performance of your AFP color printing system.

Parent topic: [Color and Grayscale Printing](#)