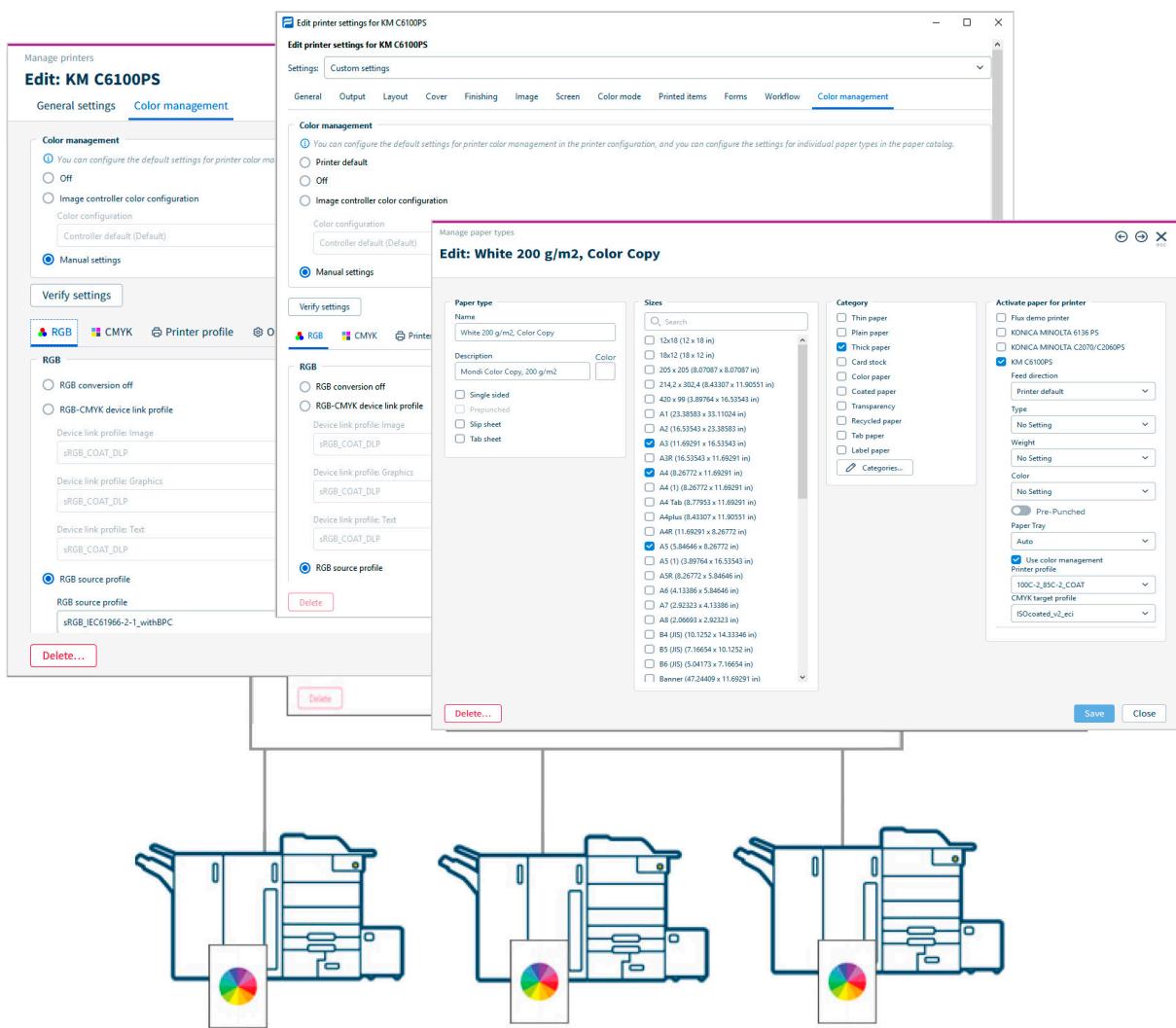


# How-to: AccurioPro Flux

## Color management How it works with AccurioPro Flux



In AccurioPro Flux you have full control over color management and can flexibly control the settings on all the printers that work with Konica Minolta controllers from version IC-601 upwards.

## Color management with AccurioPro Flux

In AccurioPro Flux, you configure color management in the printer settings. These can be accessed in the printer configuration, in the product configuration and directly in the print job. In addition, you can assign your own color profiles to the individual paper types.

On the controller the settings are stored as a fixed set of a color configuration. Individual settings cannot be customized for a print job. In AccurioPro Flux, on the other hand, you can define your own settings and – individually for each print job – apply the color profiles of the papers used to the respective print job. This allows you to flexibly set the color management and automate it at the same time.

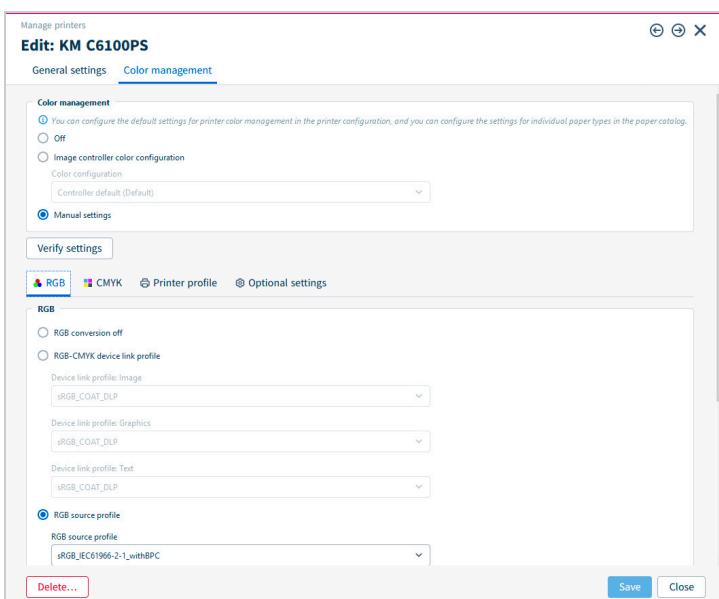
The Konica Minolta printer controllers only allow one paper profile per print job. By default, the color profile of the first paper is used in the print job. AccurioPro Flux allows you to decide which color profile to use. For example, if you print brochures that use different types of paper for the cover and inside pages, the printer uses the cover's color profile by default. In a print product, however, you can specify that a different color profile, such as that of the inside pages, is to be used.

Let's briefly introduce the setting options and their interdependencies.

**Default settings in the printer configuration**



You can assign color management presets for each printer as **Manual settings**. Whenever a printer is used for printing and no further specifications for color management are available, the preset values in AccurioPro Flux are used.



Manage printers  
Edit: KM C6100PS  
General settings **Color management**  
Color management  
 You can configure the default settings for printer color management in the printer configuration, and you can configure the settings for individual paper types in the paper catalog.  
 Off  
 Image controller color configuration  
Color configuration  
Controller default (Default)  
 Manual settings  
Verify settings  
RGB CMYK Printer profile Optional settings  
RGB conversion off  
RGB-CMYK device link profile  
Device link profile: Image: sRGB\_COAT\_DLIP  
Device link profile: Graphics: sRGB\_COAT\_DLIP  
Device link profile: Text: sRGB\_COAT\_DLIP  
RGB source profile  
RGB source profile: sRGB\_ICCv2-2-1\_withBPC  
Delete... Save Close

Printer presets are applied to print products by default.

**Paper profiles in the paper catalog**



If you have activated **Manual settings** in the printer configuration, you can assign your own color profiles to the papers of this printer in the paper catalog. Whenever the papers are used, the color profiles are read out. Only requirement: In the print job, the **Printer default** must be activated for color management.

**Default settings in the print products**



If the **Printer default** is activated in the print product, the printer's specifications are adopted and the color profiles of the papers used are read out. If you activate **Manual settings** in the print product, you can define custom settings for the print product. These manual settings overwrite the settings from the printer configuration and the color profiles from the paper catalog.

**Individual settings in the individual print jobs**

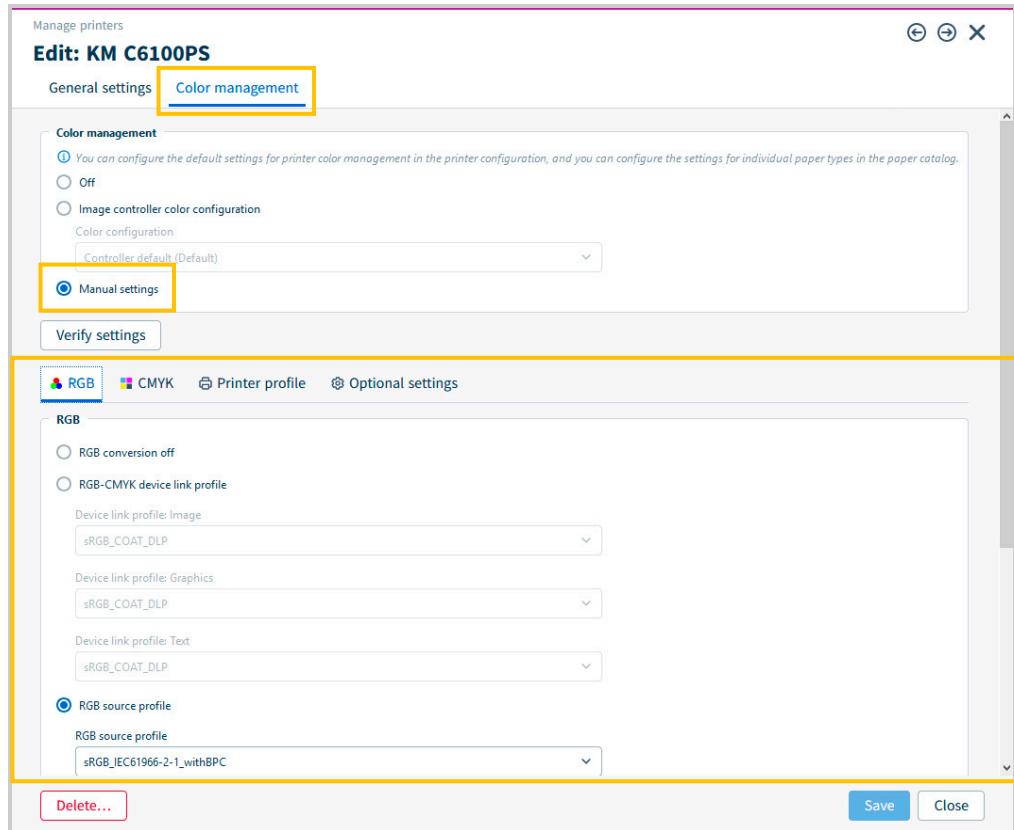


By default, the specifications are read from the print product used. If you activate **Manual settings** in the print job, you can define your own settings specifically for this individual print job. These manual settings overwrite the settings from the printer configuration, the print product and the paper profiles from the paper catalog.



## Color management as a default for printers

- 1 Open the printer configuration under **Configuration | Printers & clusters | Printers**.
- 2 Select the desired printer and click **Edit**.



- 3 Open the tab **Color management**.
- 4 Activate **Manual settings** and set the desired color profiles in the lower windows area.

*For print jobs with color management applies:*

Whenever this printer is used and there are no other color management settings defined, the color management values set in the printer configuration are used. The settings on the device itself are ignored.

**Note:** During printing, the settings in the printer configuration can be overwritten by settings in the paper catalog, in the print product and by the individual settings in the print job.



## Color profiles as a default for a paper type

If you have activated **Manual settings** in the printer configuration, you can assign your own color profiles to the papers of this printer in the paper catalog.

In order to use the color profiles from the paper catalog, the setting **Printer default** must be activated additionally in the color management section of the printer settings within the product configuration or within the print job itself.

- 1** Open the product configuration under **Configuration | Media | Paper catalog**.
- 2** Select the desired paper type and click **Edit**.

The screenshot shows the 'Edit: White 200 g/m2, Color Copy' dialog box. On the left, there's a 'Paper type' section with fields for Name (White 200 g/m2, Color Copy) and Description (Mondi Color Copy, 200 g/m2), and checkboxes for Single sided, Preprinted, Slip sheet, and Tab sheet. In the center, there's a 'Sizes' section with a search bar and a list of paper sizes. On the right, there's a 'Category' section with checkboxes for Thin paper, Plain paper, Thick paper, Card stock, Color paper, Coated paper, Transparency, Recycled paper, Tab paper, and Label paper. Below these is a 'Activate paper for printer' section. This section includes checkboxes for various printers (Flux demo printer, KONICA MINOLTA 6136 PS, KONICA MINOLTA C2070/C2060PS, KM C6100PS), a 'Feed direction' dropdown set to 'Printer default', and dropdowns for Type (No Setting), Weight (No Setting), Color (No Setting), and a 'Pre-Punched' checkbox. At the bottom, there are 'Delete...', 'Save', and 'Close' buttons. The 'Activate paper for printer' panel is highlighted with a yellow box.

- 3** In the right panel, under **Activate paper for printer**, select the printer for which you are using the paper and to which you want to assign a printer profile. A definition area is opened.
- 4** Activate the **Use color management** check box.
- 5** Select a **Printer profile** and a **CMYK target profile**.
- 6** Set the color profiles for this paper for all the printers for which you want to use color management.
- 7** Set the color profiles for all the papers with which you want to produce the correct color output.
- 8** When you have made all the settings, save them by clicking **Save**.

*For print jobs with color management applies:*

Whenever that paper is used, the profiles are read out and the colors are modified for the paper type using the profile specifications for the output on the selected printer. The preset settings in the printer configuration in AccurioPro Flux or on the printer itself are ignored. It is not a problem if you change the paper type for a print job: AccurioPro Flux automatically checks which profiles have been set for the paper and the printer you want to use.

**Note:** During printing, the settings in the paper catalog can be overwritten by settings in the print product and individual settings in the print job.



## Color management as default in the print product

- 1 Open the product configuration under **Configuration | Print products & services | Print products**.
- 2 Select the desired product and click **Edit**.
- 3 Open the **Printer & services** tab.

The screenshot shows the 'Edit: A4 color' dialog with the 'Printer & services' tab selected. In the 'Printer' section, there is a dropdown menu set to 'KM C6100PS' with an 'Edit...' button highlighted by a yellow box. An arrow points from this button to a larger 'Additional printer settings' dialog window. This dialog has a yellow border and contains tabs for 'General', 'Output', 'Layout', 'Cover', 'Finishing', 'Image', 'Screen', 'Color mode', 'Printed items', 'Forms', 'Workflow', and 'Color management'. The 'Color management' tab is also highlighted with a yellow box. Inside the 'Color management' tab, there is a note about configuring default settings for printer color management. It includes three radio button options: 'Printer default', 'Off', and 'Image controller color configuration'. Below these is a 'Color configuration' dropdown set to 'Controller default (Default)'. A radio button labeled 'Manual settings' is selected and highlighted with a yellow box. At the bottom of the dialog are buttons for 'Delete', 'Save', 'Save as', 'Apply', and 'Close'.

- 4 Click **Edit...** in the **Printer** section.
- 5 In the following dialog window, open the **Color management** tab.
- 6 By clicking **Manual settings** in the dialog window you can specify additional color management settings.

*For print jobs with color management applies:*

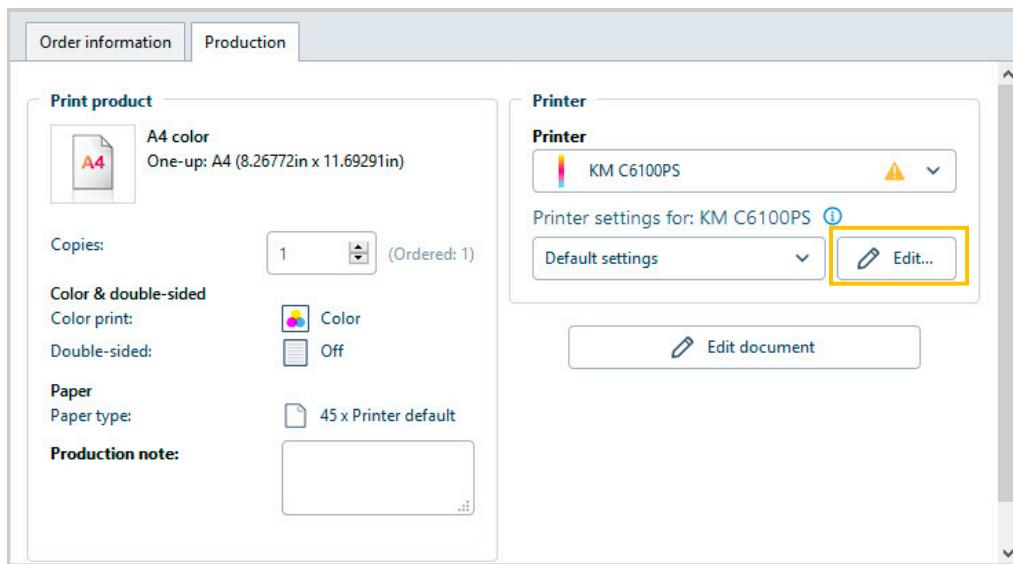
Whenever a print job is printed using this print product, the color management values set in the print product are used. The default settings set in the printer configuration in AccurioPro Flux, in the paper catalog or on the printer itself are ignored.

**Note:** During printing, the settings in the print product can be overwritten by the individual settings in the print job.

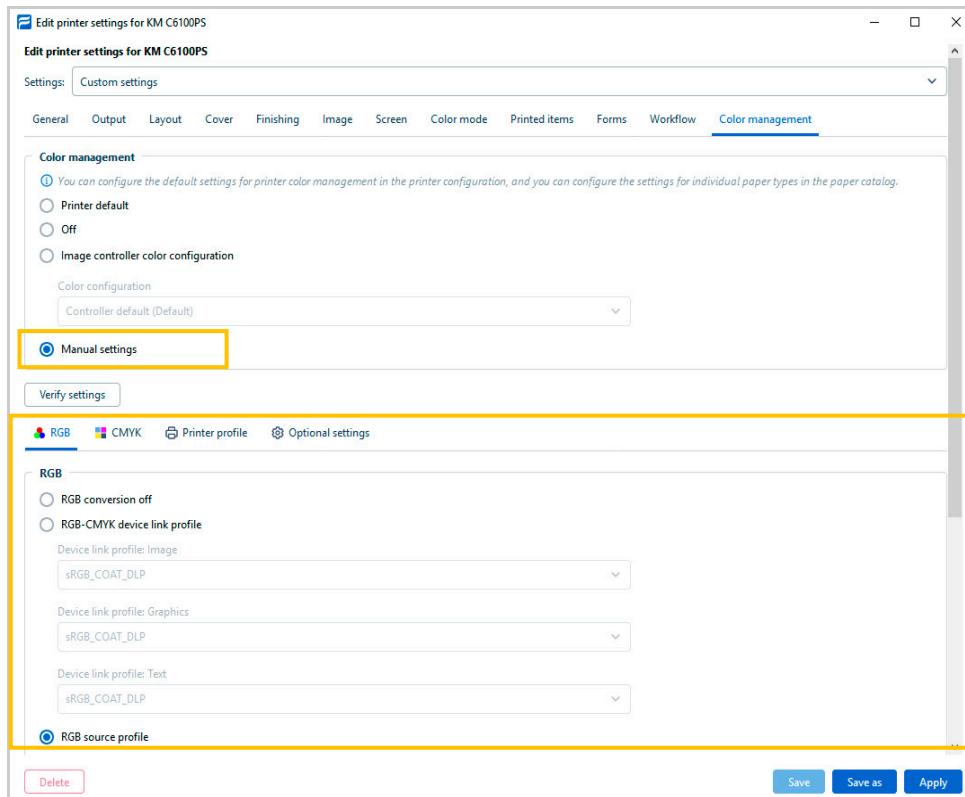


Individually in the current print job

- Flux Server: Open the job view in the job list. On the Production tab click **Edit...** in the **Printer** section.
- Flux Workstation: Open the **Production** tab and click on **Edit**.



- In the following dialog window, open the **Color management** tab.



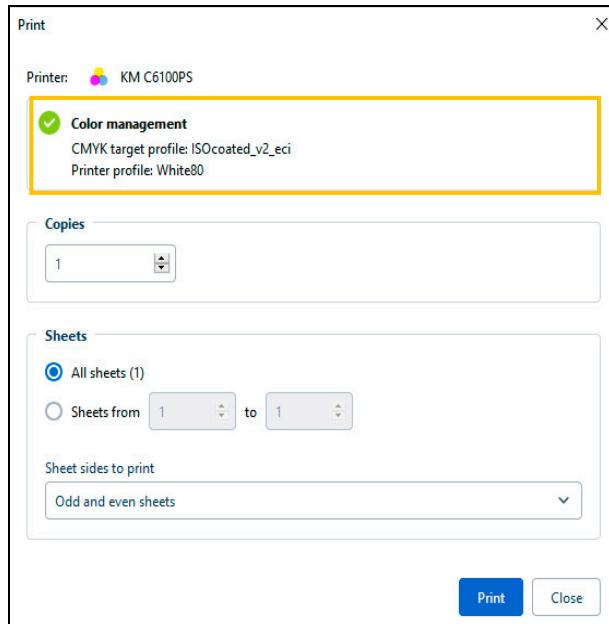
- By clicking **Manual settings** in the dialog window you can specify additional color management settings.

Settings that you make directly in the print job always have the highest priority and overwrite all other settings that were set in AccurioPro Flux (printer configuration, paper catalog, print products) or on the printer itself.



### Check before production run

Before printing, you can check which color profiles are sent to the controller together with the print job. When color management is active in the print job, the current color profiles are displayed in the print dialog.



The selected color profiles are also displayed in the print dialog. If an output is generated with a printer cluster, the information is displayed for all the printers in the cluster. During the output, the system checks whether the selected color profiles are available on the controller of the printer. The status is displayed with various icons. If no symbol is displayed, no check has been performed or the check is in progress.

- ✓ Color profiles are available.
- ⚠ At least one color profile is not available on the controller.
- ⚠ Several papers with their own color profiles are used in the print job. For the output, the printer profile of the first paper used in the print job is used for all the papers. The symbol can also mean: The color profiles cannot be checked.

## Some closing remarks ...



For color management to be set and used, the desired printer must support color management, it must be switched on and connected to AccurioPro Flux. All the printers that work with Konica Minolta controllers from version IC-601 are supported.



This feature is available in

- AccurioPro Flux Essential
- AccurioPro Flux Premium
- AccurioPro Flux Ultimate

**Status: Version 8.0**

If you want to use these features, you should be familiar with these functions in AccurioPro Flux:

- Configuring printers
- Setting up papers in the paper catalog
- Setting up print products
- Editing printer settings

Here you can find further information:

- Online help of AccurioPro Flux:

*Printing documents/ Color management in AccurioPro Flux*

*Printing documents | Editing printer settings*

*Configuring the program| Configuring printers/ Color management*

*Configuring the program| Setting up the paper catalog/ Creating new paper types |*

*Activating color management for paper types*

*Configuring the program| Setting up print products | Creating new print product |*

*Selecting printers and services| Printer settings for*

- More How-to guides: <https://www.dots.de/en/complete-print-workflow/how-tos/>

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