

HP SmartStream

Production Pro Print Server

Color-Logic: Process Metallic Color System[®]
How-to Guide

Requires upgrade to Press SW 11.4
and the latest DFE version – Production Pro v5.2.



August 2015

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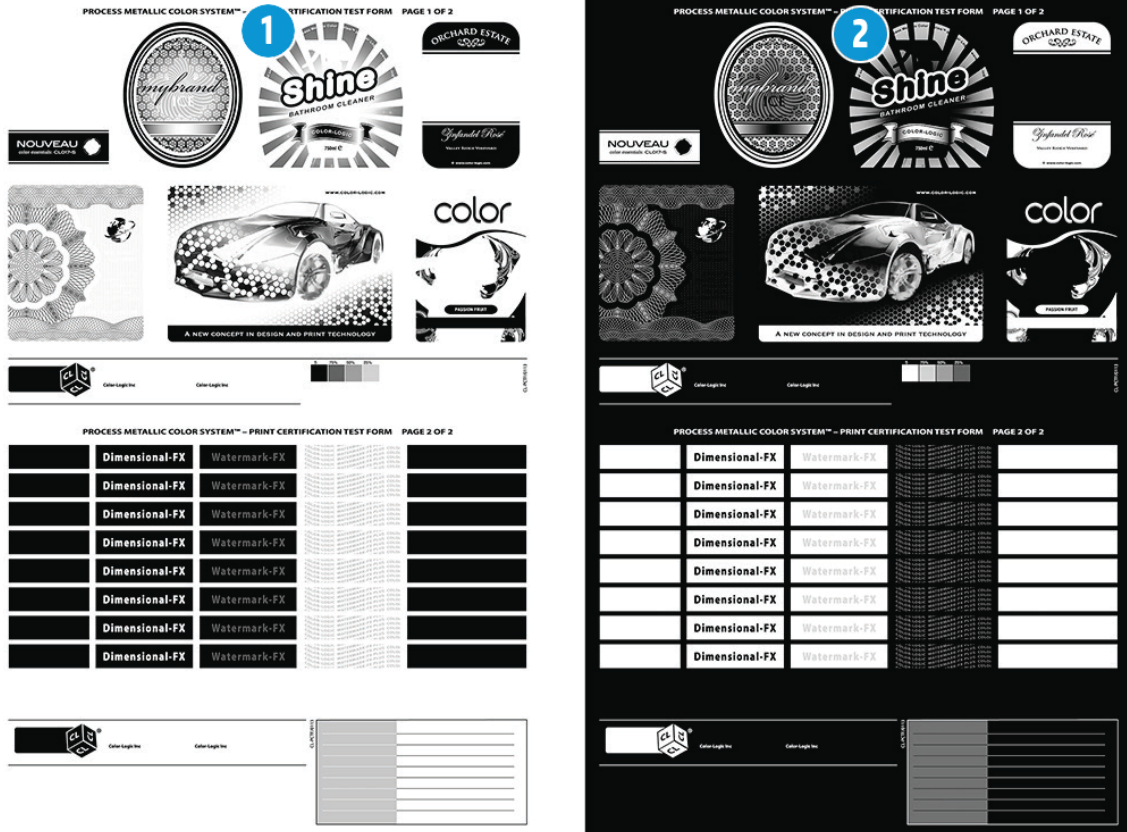
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1 Overview

Color-Logic's Process Metallic Color System® produces a **Silver** separation to produce metallic colors. HP SmartStream Production Pro Print Server supports the inversion of the **Silver** separation so it can be printed with **White** ink on a silver substrate.

Figure 1-1 Example — Silver inversion



- 1 **CL 4713 Silver (positive separation):** Ripped as a positive separation for printing with silver ink.
- 2 **CL 4713 Silver (inverted separation):** Ripped as a negative (inverted) separation to print with white ink on a silver or metallic substrate.

This document provides instructions to configure a ticket template in HP SmartStream Production Pro Print Server to print using this feature. This functionality is supported in HP SmartStream Production Pro Print Server 5.2 DF6 and later.

2 Configure a ticket template

Follow these steps to configure a ticket template to print with **White** on a silver substrate.


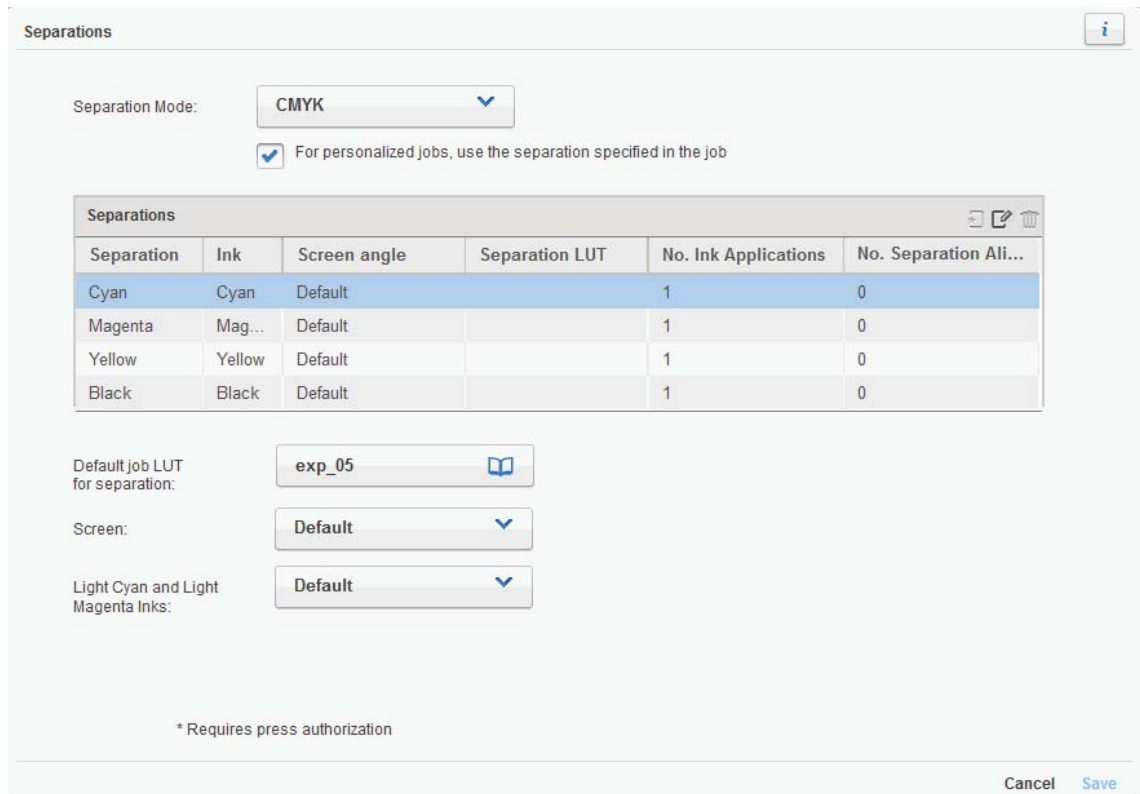
1. In HP Smartstream Production Pro Print Server, click the **System** tab, and then select **Ticket Templates**.
2. Create a new ticket template, and then click **Edit** .
3. Select the **Color** tab, select **Advanced View**, and then click **Separations**.

Figure 2-1 Separations window



Separations

Separation Mode:

For personalized jobs, use the separation specified in the job

Separation	Ink	Screen angle	Separation LUT	No. Ink Applications	No. Separation Ali...
Cyan	Cyan	Default		1	0
Magenta	Mag...	Default		1	0
Yellow	Yellow	Default		1	0
Black	Black	Default		1	0

Default job LUT for separation:

Screen:

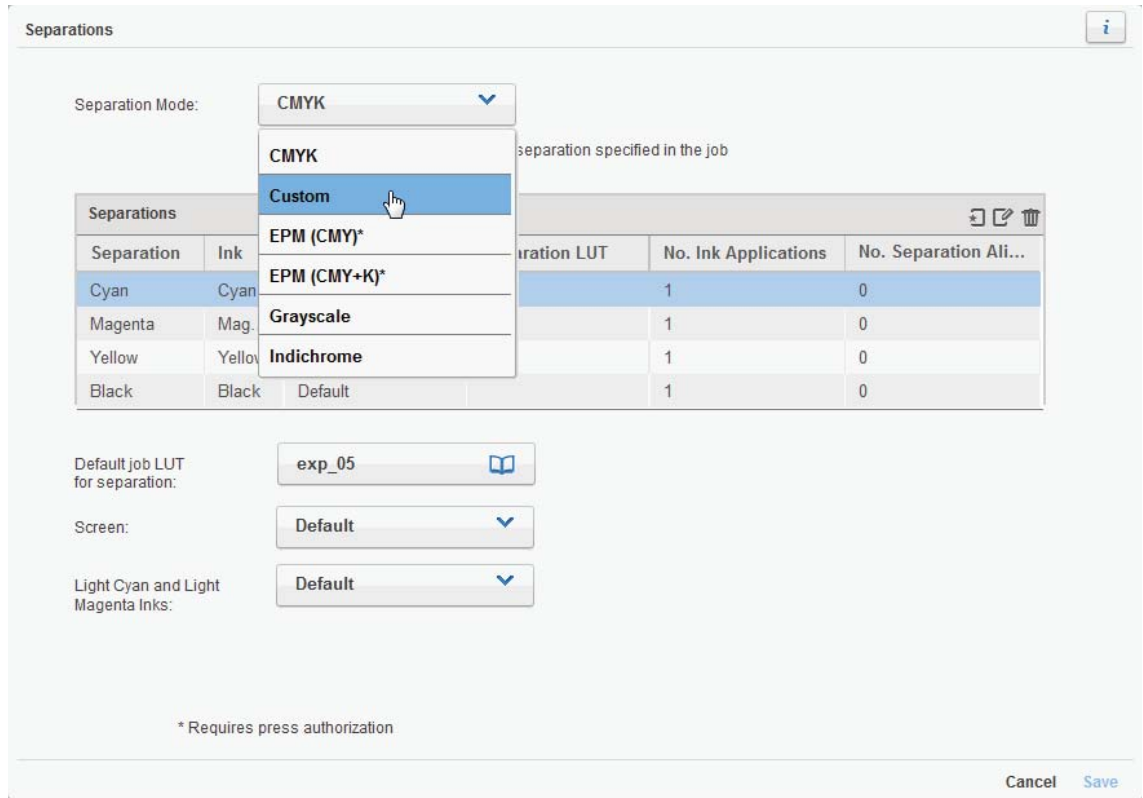
Light Cyan and Light Magenta Inks:

* Requires press authorization

Cancel Save

- From the **Separation Mode** drop-down list, select **Custom** (or another separation mode that supports adding spot color separations).

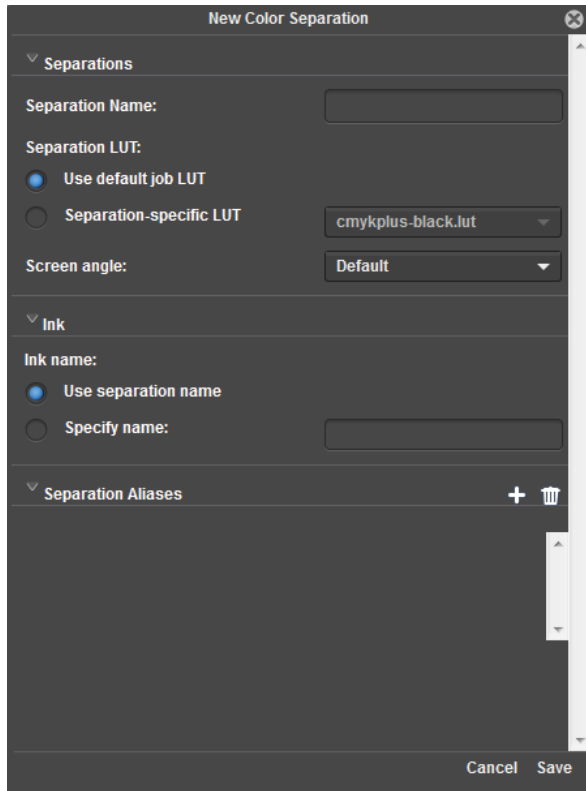
Figure 2-2 Separations window – Select Custom




5. On the **Separations** table, click **New**  to add a new color separation.

The New Color Separation dialog box opens.

Figure 2-3 New Color Separation dialog

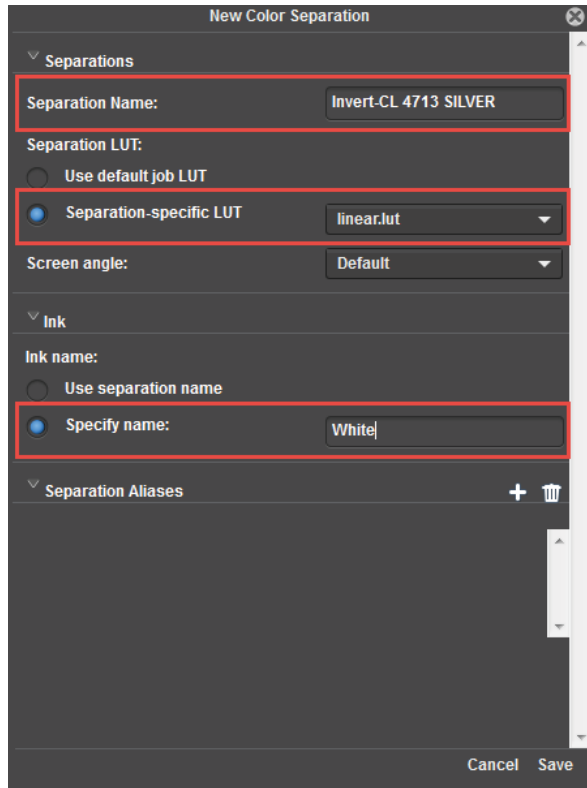


6. In the **Separation Name** box, type `Invert-CL 4713 SILVER`.
This causes the Print Server to invert the **CL 4713 SILVER** spot color in the document.
7. Select **Separation-specific LUT**, and then choose **linear.lut** from the drop-down list.

 **NOTE:** 'linear.lut' is a good starting point, but the LUT table value can be adjusted to produce the desired output.

- Under **Ink Name**, select **Specify name**, and then type `White`.

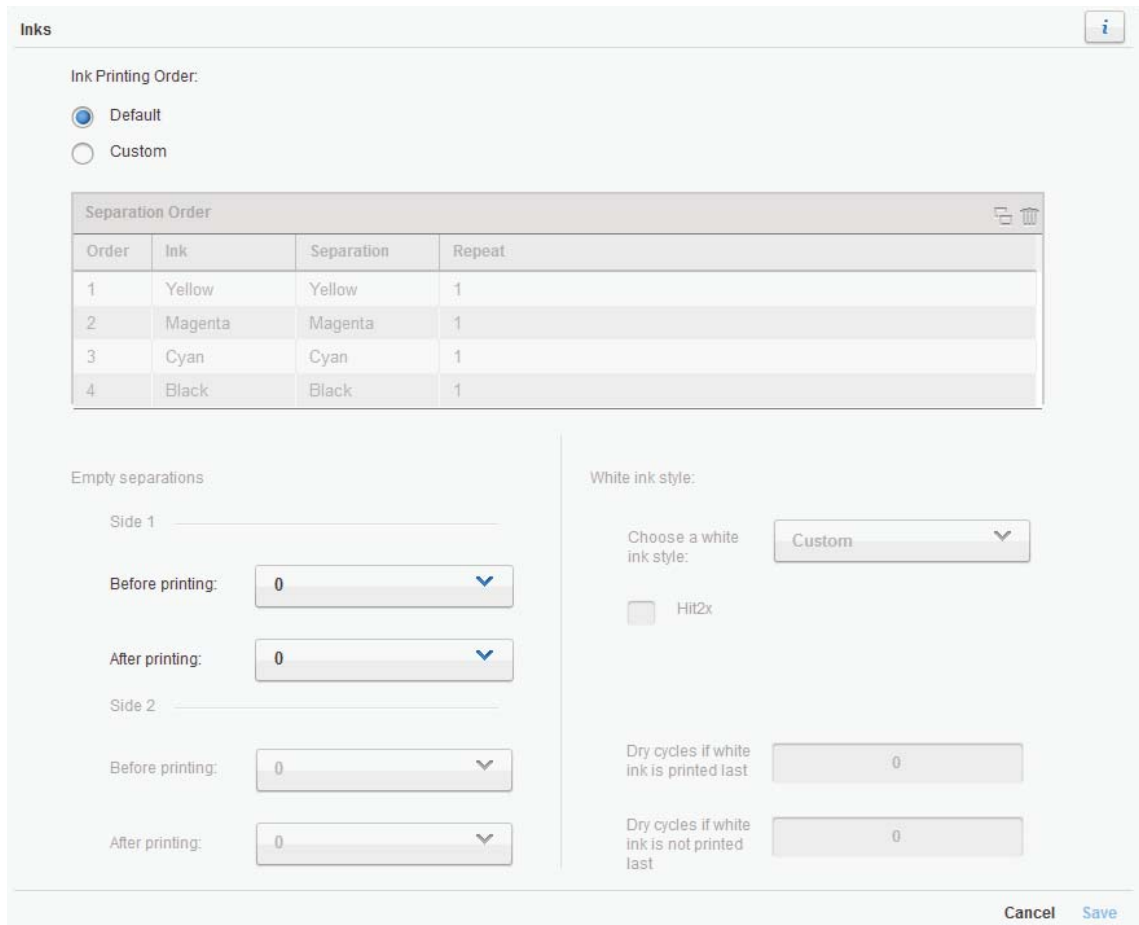
Figure 2-4 New Separation - Invert-CL 4713 SILVER



- Adjust the other settings as desired, and then click **Save**. The new separation value is added to the table.

10. Click **Save** to close the Separations window, and then click **Inks**.

Figure 2-5 Inks window



11. Under **Ink Printing Order**, select **Custom**, and then move the new **White** ink separation to the desired position in the **Separation Order** table.


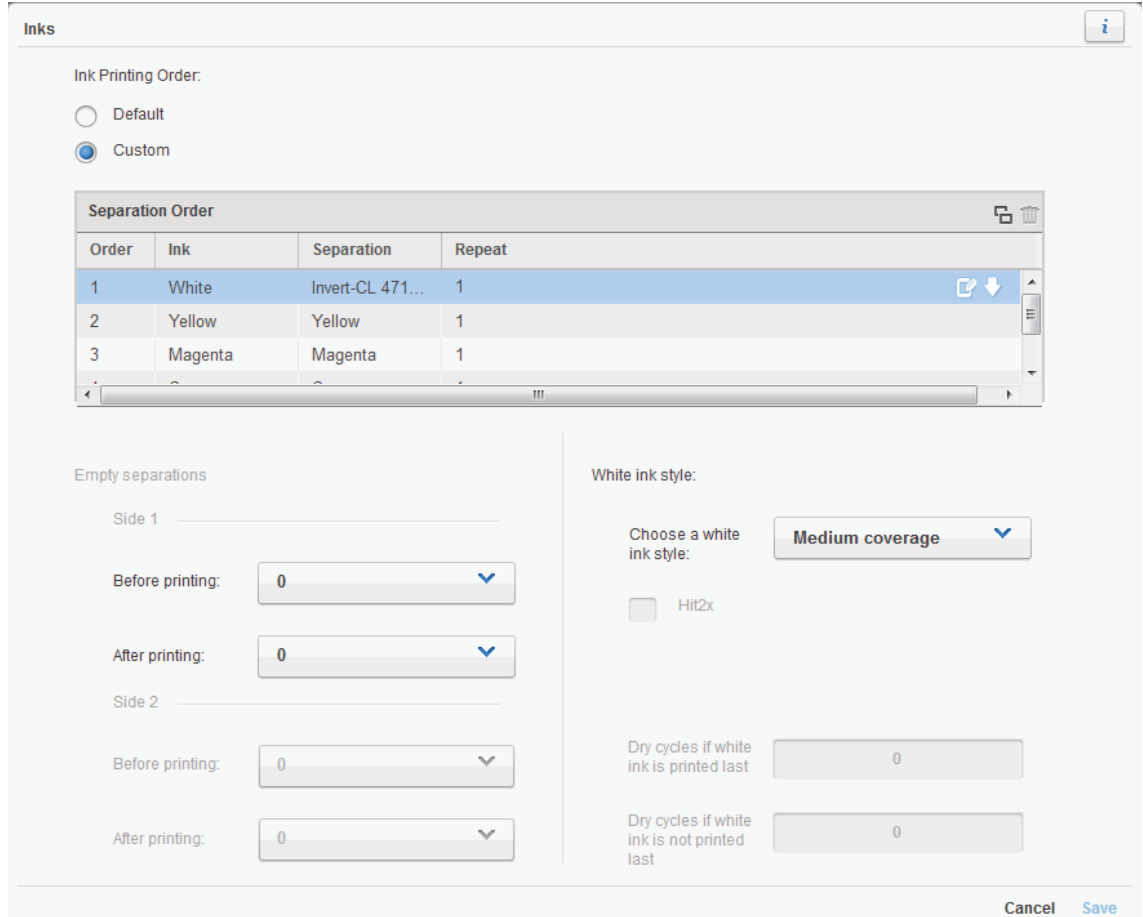
 **NOTE:** For a typical, sheet-fed multi-shot operation, the new separation should be first in the printing order.

Figure 2-6 Printing Order – Custom



The screenshot shows the 'Inks' dialog box with the 'Custom' option selected for 'Ink Printing Order'. The 'Separation Order' table is as follows:

Order	Ink	Separation	Repeat
1	White	Invert-CL 471...	1
2	Yellow	Yellow	1
3	Magenta	Magenta	1

Below the table, the 'Empty separations' section has 'Before printing' and 'After printing' dropdowns set to '0' for both Side 1 and Side 2. The 'White ink style' section has 'Choose a white ink style' set to 'Medium coverage', 'Hit2x' unchecked, and 'Dry cycles if white ink is printed last' and 'Dry cycles if white ink is not printed last' both set to '0'. 'Cancel' and 'Save' buttons are at the bottom right.

12. Adjust the **Empty separations** settings as necessary.
13. Update the **White ink style** settings as desired, and then click **Save** to close the Inks window.
14. Update the other Ticket Template settings as necessary, and then click **Save Changes** to save the ticket template.

Jobs processed with this new ticket template will have the **Silver** separation inverted and printed with **White** ink.

A Service and support

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