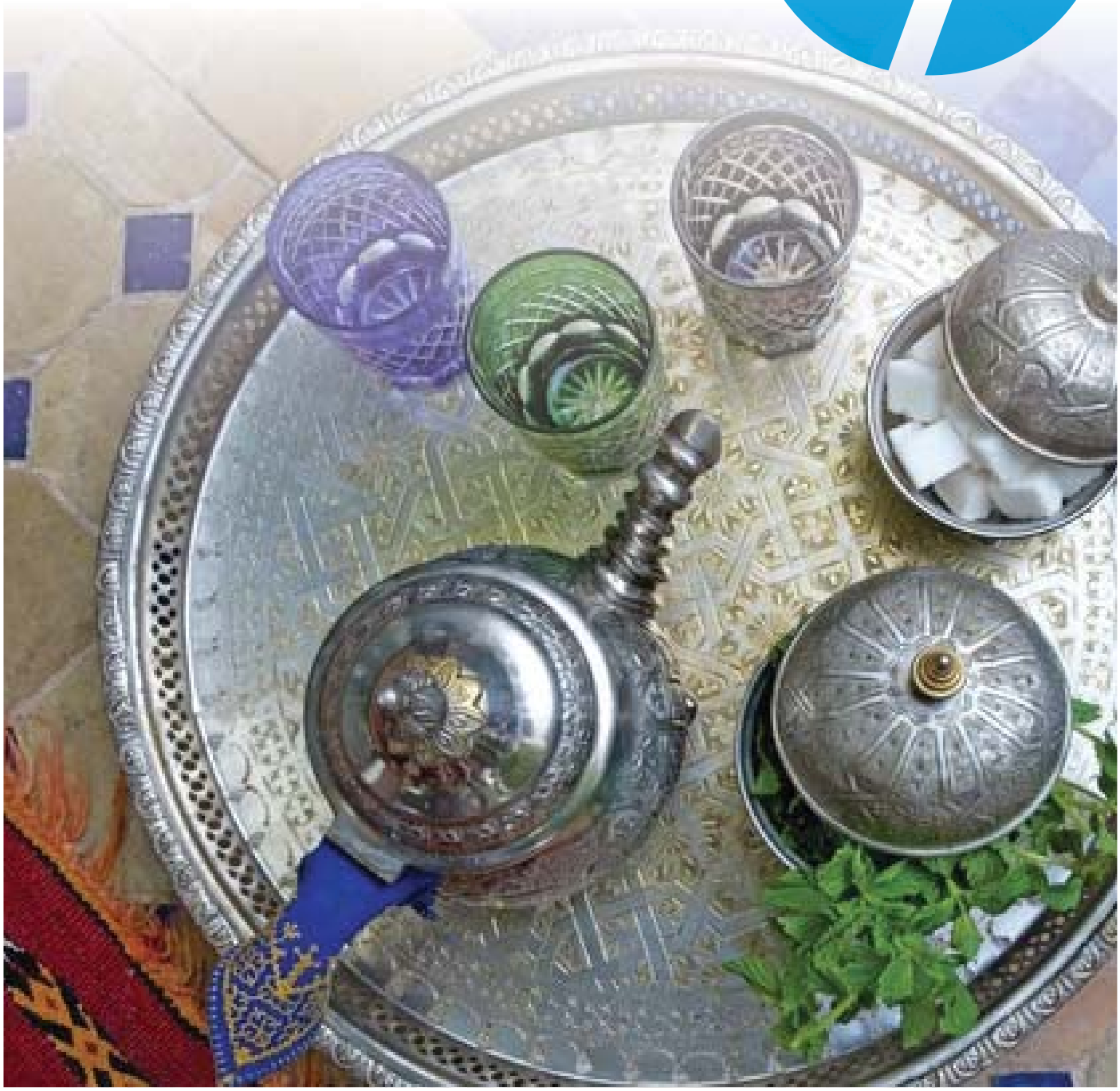
HP SmartStream

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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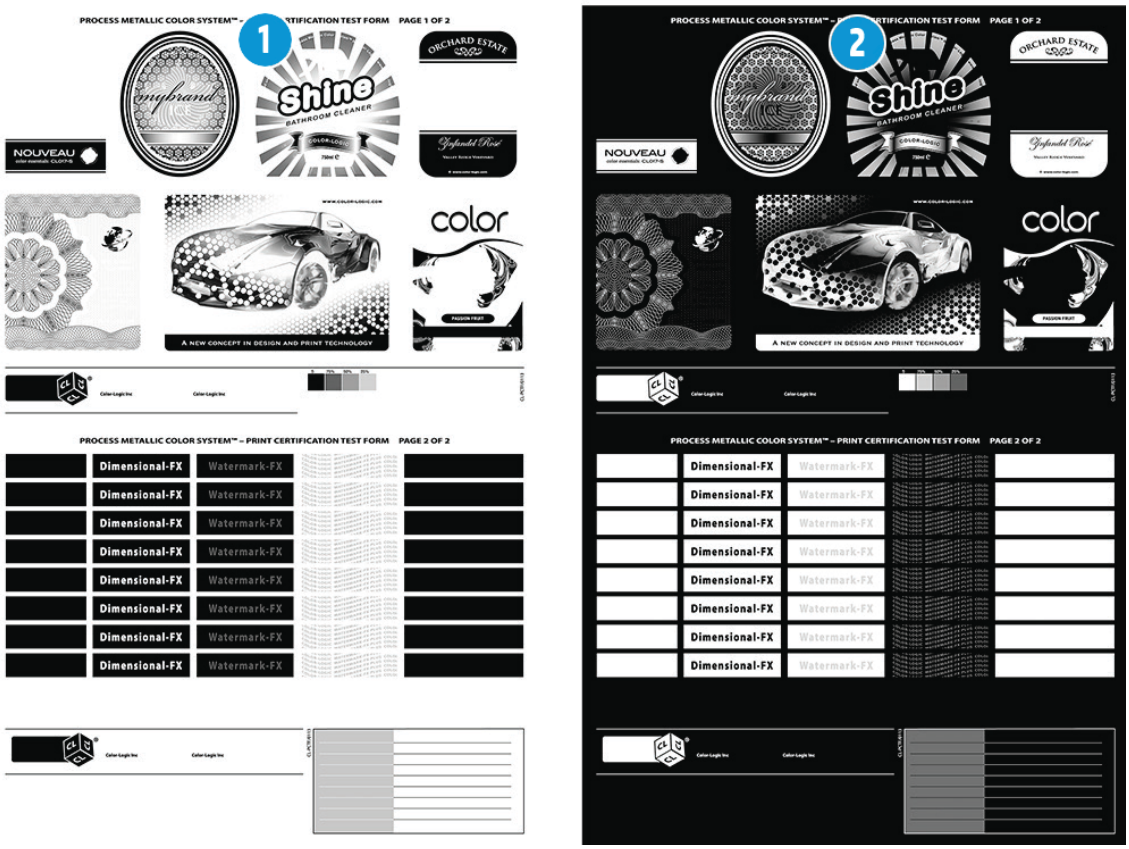
1 Overview

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.

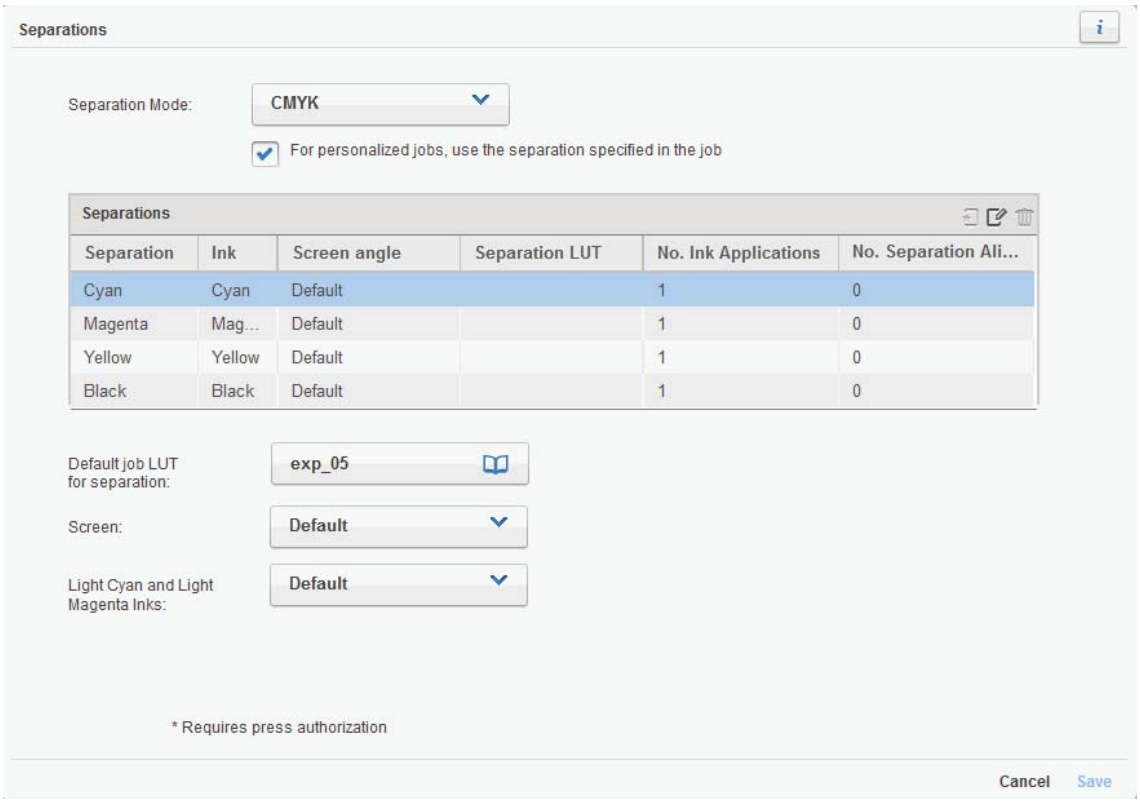
This document provides instructions to configure a ticket template in HP SmartStream Production Pro Print Server to print using this feature. This functionality is supported in HP SmartStream Production Pro Print Server 5.2 DF6 and later.

2 Configure a ticket template

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

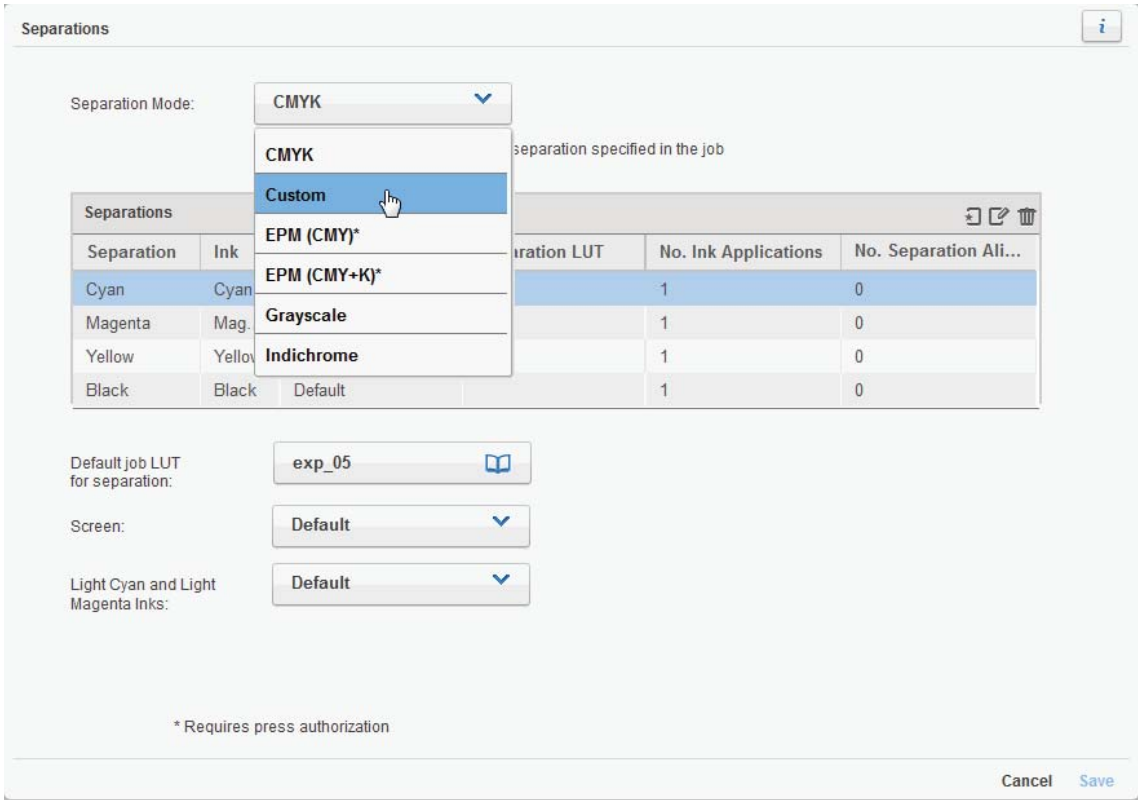
1. In HP Smartstream Production Pro Print Server, click the **System** tab, and then select **Ticket Templates**.
2. Create a new ticket template, and then click **Edit** .
3. Select the **Color** tab, select **Advanced View**, and then click **Separations**.

Figure 2-1 Separations window



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

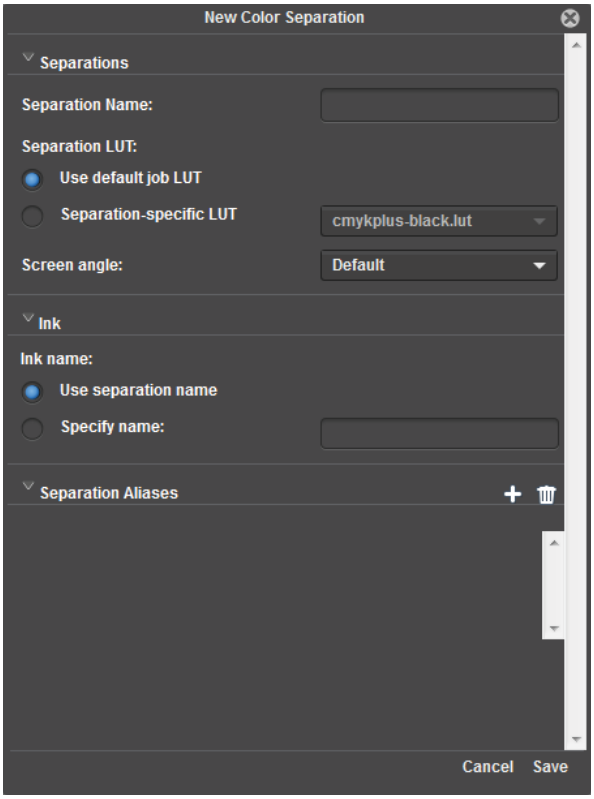
Figure 2-2 Separations window – Select Custom



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`.

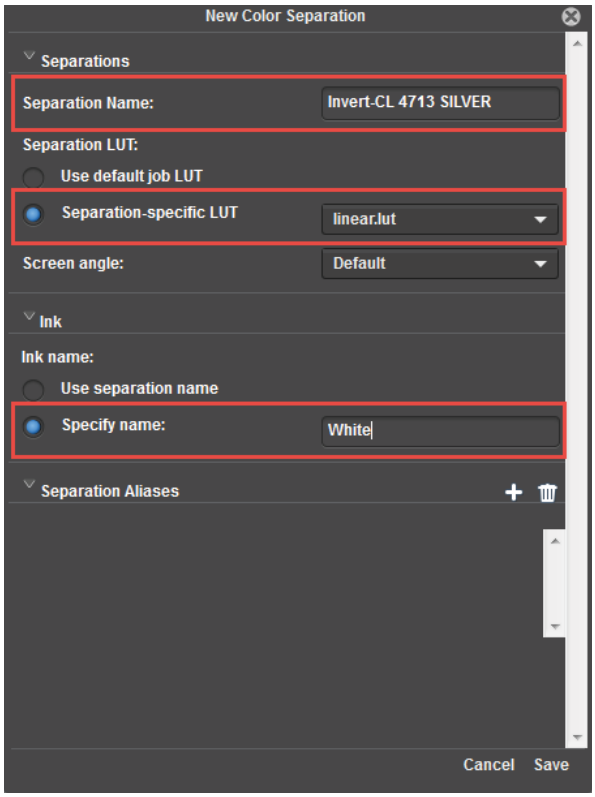
   This causes the Print Server to invert the **CL 4713 SILVER** spot color in the document.

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.

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

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

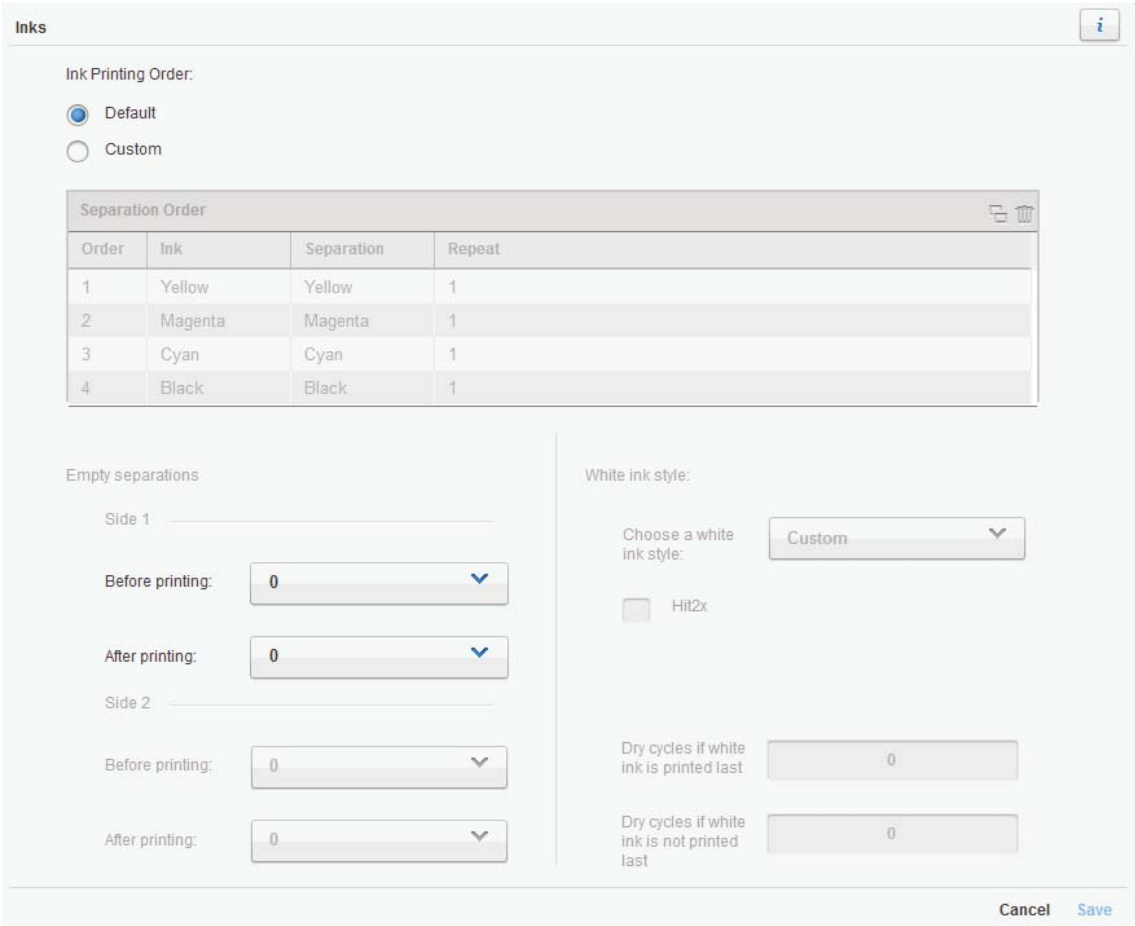


9. Adjust the other settings as desired, and then click **Save**. The new separation value is added to the table.

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

***IMPORTANT: On the latest DFE, the "Inks" tab is now called "Printing Order"**

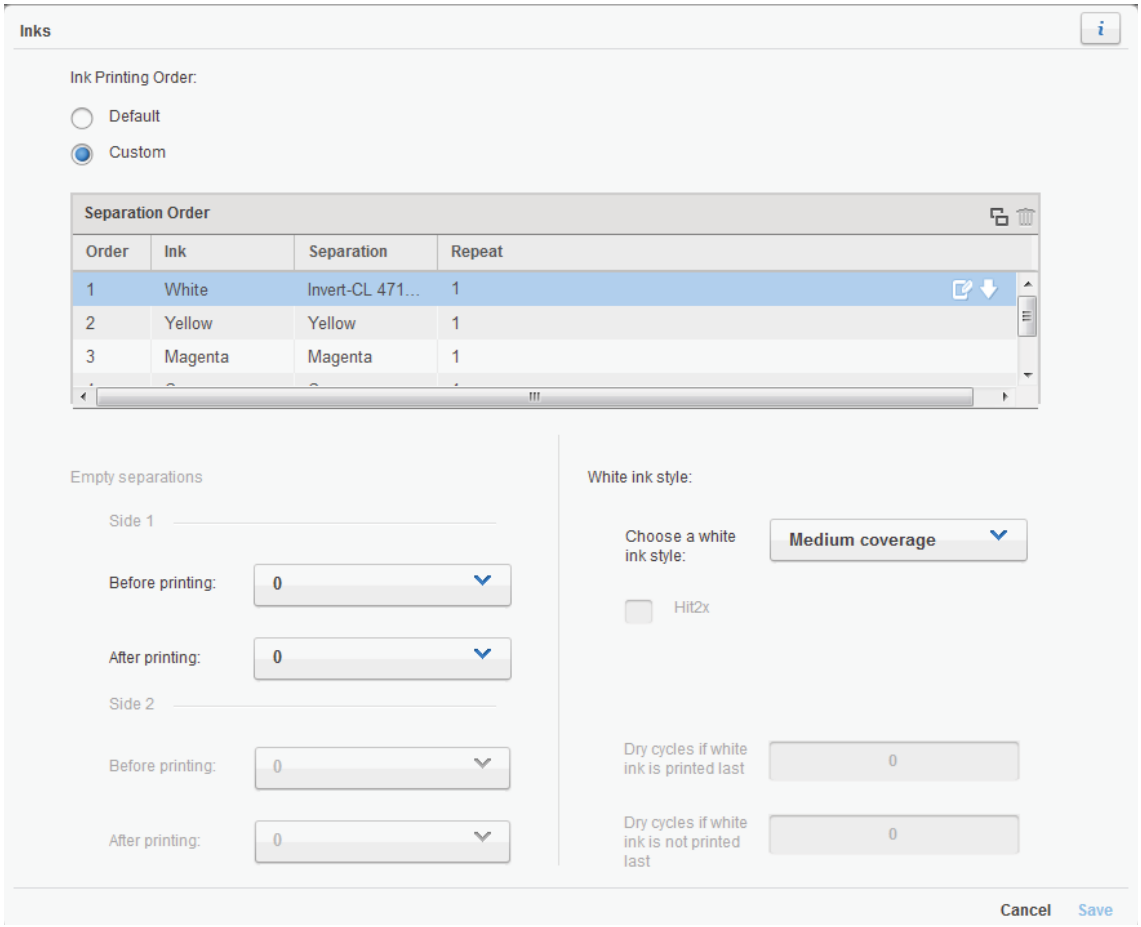
Figure 2-5 Inks window



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



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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