

Activity 10: Use a color setup to align a proofer with a press

Background

Contents





In this activity, you will add a proofer to an existing color setup. In the color setup, the PCO is a press that is aligned to an industry specification. The proofer becomes a Secondary Color Output (SCO). The SCO will be aligned to the PCO using a DeviceLink. With this DeviceLink, the proofs will simulate the color that you print from the offset press.

Tasks


Goal

Add an SCO—an inkjet proofer—to a color setup that you created in a [previous activity](#) with a press defined as the PCO.

Task 1: Add an SCO to a color setup that already has a PCO defined

1. In ColorFlow, in the **Color Setups** table, select the color setup named **GRACoL C1 2006**.
2. In the **Devices** dialog box, add a new Inkjet proofer device:
 - a. Click **Add Device**.
 - b. From the **Device Type** list, select **Inkjet Proofer - Matchprint Inkjet**.
 - c. Name the device as **Proofer A**.
 - d. Drag **Proofer A** to the SCO position in the viewer window.
3. Click the **Properties** icon  inside the SCO device condition.
4. Define new properties for the device condition:
 - a. In the **Resolution** list, add or select **1440x720**.
 - b. In the **Substrate** list, add or select **SM240**.
 - c. Click **OK**.
5. Click the **Measurements** icon  to create a new **Color Characterization Chart**:
 - a. In the **Charts** tab, click the **Add** button  to create a new chart.
 - b. From the **Chart Type** list, select **Color Characterization**.
 - c. Click **Save**.
6. In a real-life situation, you might need to export the chart and output the chart from Prinergy and then measure the chart in ColorFlow. For the purpose of this training, you import a sample data file from your ColorFlow installation folder:
 - a. Click the **Measurement** tab.
 - b. Click **Import**.
 - c. In the dialog box appeared, keep the default value and click **OK**.
 - d. Browse and select **\Program Files\Kodak\ColorFlow\SampleData\Measurements\MatchprintInkjet.cgt**.
 - e. Click **Open**.
 - f. Click **Close**.
7. In the SCO, click the **Device condition profile** icon  to generate an ICC profile for the device condition.

Task 2: Complete the color setup

1. Click the **Conversion** icon .
2. From the **DeviceLink Method** drop-down list, select **Full Reseparation**.
3. From the **Rendering Intent** drop-down list, select **Absolute Colormetric**.
4. Click **OK**.

Outcome

You have created a color setup that uses the DeviceLink to align an inkjet device condition with a press aligned to an industry specification.