Activity 11: Use a color setup to align a proofer with an industry specification

Background

A previous activity shows how to align your printing device to an industry specification by adding the device as the PCO and selecting the industry specification as the PCO simulation target. You can also align a device with an industry specification by adding the industry specification as the PCO and adding your device as the SCO, and then aligning the SCO with the PCO.

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Goal
Create a new color setup that contains a CMYK reference device as the PCO, and a proofer that you created in a previous activity as the SCO.

Task 1: Create a new color setup and add a CMYK Reference as the PCO

1. In ColorFlow, click the **Color Setups** tab, and then click the **Add** button ⊞ .
   The **Devices** dialog box opens automatically. If necessary, open it manually by selecting **View** >**Devices** or by double-clicking the **color setup** viewer.
2. From the **Devices** dialog box, drag the **CMYK Reference** to the PCO position in the viewer window.
3. In the **Color Setups** table, double-click the name of the color setup that you just created and enter `XX Proofer to Industry Spec` (where XX = your initials).
4. Select the **Show in Prinergy** check box.
5. In the **CMYK Reference** in the viewer window, click the **Properties** icon ℹ️.
6. From the **Name** list, select **GRACoL 2006 Coated 1** and click **OK**.
7. Click the **Device Condition profile** icon ◁.
8. Click **ColorFlow Generated** and keep all the default settings.
9. Click **OK**.

Task 2: Add a proofer as the SCO

In this activity, we will use the existing device condition for the proofer.

1. Double-click the **color setup** viewer.

2. In the **Devices** dialog box, Drag **Proofer A** to the SCO position in the viewer window.
3. In the SCO object in the viewer window, click the **Properties** icon .
4. In the **Resolution** list, select **1440x720**.
5. In the **Substrate** list, select **SM240**.
6. Click **OK**.

Task 3: Complete the color setup

1. Click the **Conversion** icon .
2. Keep the default settings and click **OK**.

Task 4: Output a page using the color setup in Prinergy

1. In Prinergy, create a new job, and name it as `XX Proofer to Industry Spec` (where XX = your initials).
2. Refine Chart_TintRamp_CMYK.pdf with 1stRef-Normz.
3. Create a new Loose Page Output Process Template, and name it `VPS – GRACoL`:
    a. In the **Output To** list, select **Virtual Proof**.
    b. Select the **ColorFlow Color Relationship Management** check box.
    c. For **Halftone Output Mode**, select **Print Production**.
    d. In the **Snapshot** list, select **Current State**.
    e. In the **Color Setup** list, select **XX Proofer to Industry Spec**.
    f. In the **Device** list, select **Proofer A**.
    g. Select the **Device Condition**.
    h. In the **ColorConvert** settings, leave the **Match Colors In Page Content** check box cleared. Color matching will not be applied on output.
    i. Save the process template.
4. Select the test refined file, and process it with the process template **VPS - GRACoL**.

Outcome

You have created a color setup to align a proofer with an industry specification.