Activity 13: Create a device pool

Background

With curve-controlled devices, you can include more than one device in a device condition. This is called a device pool. The devices in a device pool must have the same device type and device condition properties.

After you create a device pool, the devices are pooled in all color setups in which the device condition is used. If you remove one device from the device pool, the device is removed from the device condition in all color setups where the device condition is used.

In the device condition, one device is the *promoted* device. The name of the promoted device appears in bold. The color response of the promoted device is used as the color response of the device condition. A device can be promoted only after it is characterized.

Tasks

Goal
To create a device pool by calibrating two curve-controlled devices in the same device condition in a color setup.

Task 1: Set up several devices in the PCO or SCO

This procedure assumes that you have already defined the color setup **GRACoL C1 2006** as part of a previous activity.

1. In ColorFlow, from the **Color Setups list**, select the color setup named **GRACoL C1 2006**.
2. Add a new offset press device named **Press B**.
    a. Select **View** > **Devices** or double-click the **color setup viewer**.
       The **Devices** dialog box appears.
    b. Click **Add Devices**.
    c. In the **Device Type** list, select **Offset - Sheetfed**.
    d. In the **Device Name** list, type `Press B`.
    e. Drag and drop **Press B** to **Press A** in the color setup viewer.
       This creates a press pool with **Press A** as the promoted device.
3. Click the **Measurements** icon ⊙.
   In a real-life situation, you might need to create and measure a chart. 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\SheetFedPress.cgt**
e. Click **Open**.
f. Click **Close**.
   ColorFlow generates custom device curves for **Press B** to match the color response of the **Press A**, which is the *promoted* device in the device condition.

Task 2: Promote a device in the device pool

If you promote a device, the color response of the *promoted* device becomes the color response of the device pooled.

1. Click the **Measurements** icon in **Press B**.
2. Click the **Measurement** tab.
3. Click **Promote Device**.
   ColorFlow generates custom device curves for **Press A** to match the color response of the **Press B**, which is now the *promoted* device in the device condition.

Outcome

You have created a device pool.