

Activity 8: Use Verification reports to verify color response with a print curve

Background

Contents

You can generate a PDF Verification report to verify the following:

- If the calibrated color response of a print calibration curve, a PCO, or an SCO matches either the target response or the predicted response.
- If the predicted response of a print calibration curve, a PCO, or an SCO using the curve or the DeviceLink method you have chosen matches the color response of the simulation or the conversion target.


Tasks

Goal


Create Verification reports to check if the color response of a print calibration curve matches the target. In this activity, you will create two reports: the first report compares the predicted response to the target response; the second report compares the measured color response to the target response.

This activity assumes that you have already created a print calibration curve **XX new print calibration curve for gray balance** in a [previous activity](#).

Task 1: Generate a Verification report to compare the predicted response to the target response

1. In ColorFlow, click the **Print Curves** tab.
2. In the **Calibration Curves** table, select **XX new print calibration curve for gray balance**.
3. In the viewer window, click the **Verification** icon .
4. In the **Calibrated Output Verification** dialog box, click the **Measurements** tab.
5. In the **Active Measurement** list, select the predicted measurement and then click **Report**.
6. In the **Customer** box, enter the report name: `xx verification report to verify predicted response` (where xx is your initials).
7. Select the **Compare to** check box.
8. Click **Save** and choose a location.
9. Open the generated PDF to view the report.

Task 2: Generate a Verification report to compare the measured response to the target response

1. In ColorFlow, click the **Print Curves** tab.
2. In the **Calibration Curves** table, select **XX new print calibration curve for gray balance**.
3. In the viewer window, click the **Verification** icon .
4. In a real-life situation, you need to export the measurement chart you used to characterize the uncalibrated color response, print it using Prinergy, and measure it in ColorFlow to characterize the calibrated color response in order to generate the Verification report. For the purpose of this training, you import a measurement data:
 - a. Click the **Measurements** tab.
 - b. In the **Inactive Measurements** tab, click **Import**.
 - c. Import the [verification data file \(Approval_GRACoL_VerificationData.cgt\)](#).
The data file appears in the **Inactive Measurements** list.
5. In the **Inactive Measurements** list, select the imported measurement and then click **Report**.
6. In the **Customer** box, enter the report name: `xx verification report to verify calibrated color response` (where xx is your initials).
7. Select the **Compare to** check box.
8. Click **Calibration Target**.
9. Click **Save** and choose a location.
10. Open the generated PDF to view the report.

Outcome

You have generated two Verification reports to verify if the predicted color response and the measured color response match the target.