

Applying calibration curves

1. Create curves for plate output using either the ColorFlow or Harmony software. Kodak recommended use ColorFlow to create curves or migrate Harmony curves to ColorFlow Curves.
 - See the *Prinergy Evo Installation Guide* for information about installing Harmony software and the *Harmony User Guide* for information about creating calibration curves with Harmony software.
 - See the ColorFlow documentation for information about creating curves with ColorFlow software.
2. [Create an Output process template.](#)
3. In the **Calibration & Screening** section, make one of these choices:

To apply any ColorFlow curves, clear the **ColorFlow Color Relationship Management** pane in the output process template.

Curve Source

- If ColorFlow CRM is not enabled in the process template, select one of the following options:
 - **ColorFlow Approved Snapshot**—allows you to select any curve from the **Print Curve** or **Plate Curve** lists that are contained in the ColorFlow Approved Snapshot.
 - **ColorFlow Current State**—allows you to select any curve from the **Print Curve** or **Plate Curve** lists that are contained in the Current State of the ColorFlow database. When either of the ColorFlow options is selected, the **HarmonyMedium** option has no effect. The **Minimum Dot Size** option is not generally necessary for ColorFlow curves, as ColorFlow allows explicit definition of bump or cutoff curves for flexographic printing; however, this option still takes effect for ColorFlow curves if its value is greater than zero.
 - **Harmony**—allows you to select any curve from the **Print Curve** or **Plate Curve** lists that are contained in the Harmony database.

- If ColorFlow CRM is enabled in the process template, then all **Calibration** options are unavailable, and curves are selected according to settings in the ColorFlow CRM panel. The disabled **Curve Source** control indicates the curve source selected by CRM as follows:
 - If the **ColorFlow Approved Snapshot** or **ColorFlow Current State** option is selected, curves are provided from the corresponding snapshot.
 - If none of the options are selected, curves are provided from a numbered snapshot selected in the ColorFlow CRM panel.
 - Curves are selected according to screening-related parameters within the process template, such as: color setup, device, device condition, and so on.
 - Except for **Minimum Dot Size**, all curve controls in the **Calibration and Screening** panel are disabled.
 - The **Minimum Dot Size** control is active and takes effect for the curves selected by **ColorFlow Color Relationship Management (CRM)**.

To select a Harmony curve, clear the **ColorFlow Color Relationship Management** pane check box and configure your desired Harmony settings in the **Calibration and Screening** panel.

- The available Harmony curves and **%%NONE%%** are listed for selection in the **Plate Curve** and **Print Curve** menus. Prinerger Evo reads the list of calibration curves from the Harmony database installed on the Prinerger Evo server computer.
- The **Harmony Medium** and **Minimum Dot Size** controls are active unless you have selected **%%NONE%%** for both **Plate Curves** and **Print Curves**, in which case the **Minimum Dot Size** value is zero and the control is inactive.
- Harmony curve settings are applied to the job per current behavior.