

# How Prinergy uses ColorFlow elements

The following table lists elements and settings that ColorFlow can provide to Prinergy:

| Element                                                   | Where defined in ColorFlow                                                                                                                                                                                         | Where used in Prinergy                                                                                                                            | Without ColorFlow, Prinergy would define the item in                                      |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Color Input (CI) to primary color output (PCO) DeviceLink | Color Setups > Conversion link between the device condition of the CI and the PCO                                                 | DeviceLink profile for refine color conversion of RGB and CMYK Image and Graphic objects to PCO color space                                       | The refine process template, in the ColorConvert Untagged Content Device Condition fields |
| CI device condition ICC device profiles                   | <ul style="list-style-type: none"> <li>• Device Conditions</li> <li>• Color Setups &gt; Device condition of the CI </li> </ul>  | Source profile for refine profile-pair color conversion of RGB and CMYK Image and Graphic objects to PCO color space                              | The refine process template, in the ColorConvert Untagged Content Device Condition fields |
| PCO ICC device profile                                    | Color Setups > Primary Color Output                                                                                             | Destination profile for refine profile-pair color conversion of RGB and CMYK Image and Graphic objects to PCO color space                         | The refine process template, in the ColorConvert Primary Color Output field               |
| PCO simulation DeviceLink                                 | Color Setups > Simulation Definition                                                                                            | During color-matched output to the PCO device condition—links the color response of the PCO device to the color response of the simulation target | The output process template, in the ColorConvert Input Device Conditions field            |
| PCO device condition ICC device profile                   | <ul style="list-style-type: none"> <li>• Device Conditions</li> <li>• Color Setups &gt; Device condition of the PCO </li> </ul> | During color-matched output to the PCO device condition—converts CIELAB content to CMYK                                                           | The output process template, in the ColorConvert Device Condition field                   |

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| PCO to SCO DeviceLink                    | Color Setups > Conversion link between the PCO and the device condition of the SCO                                                                                                                                                                                          | During color-matched output to an SCO device condition—links the color response of the SCO device to the color response of the PCO | The output process template, in the ColorConvert Input Device Conditions field                                                                                                  |
| SCO device condition ICC device profiles | <ul style="list-style-type: none"> <li>• Device Conditions</li> <li>• Color Setups &gt; Device condition of the SCO </li> </ul>                                                                                                                                             | During color-matched output to an SCO device condition—converts CIELAB content to CMYK                                             | The output process template, in the ColorConvert Device Condition field                                                                                                         |
| Print curves                             | <ul style="list-style-type: none"> <li>• Print Curves &gt; Calibration Curves</li> <li>• Color Setups &gt; PCO Simulation Definition </li> <li>• SCO Conversion Definition </li> </ul> | During screening for output to a halftone output device condition                                                                  | An output process template, in the Print Curve list in the Calibration & Screening section. The curve would have been generated in Harmony or another curve generation program. |
| Print transfer curves                    | Print Curves > Transfer Curves                                                                                                                                                                                                                                                                                                                               | During screening for output to a halftone output device condition                                                                  | An output process template, in the Print Curve list in the Calibration & Screening section. The curve would have been generated in Harmony or another curve generation program  |
| Plate curves                             | Plate Curves > Calibration Curves                                                                                                                                                                                                                                                                                                                            | During screening for output to a halftone output device condition                                                                  | An output process template, in the Plate Curve list in the Calibration & Screening section. The curve would have been generated in Harmony or another curve generation program  |