

Resampling litho-quality copydot images to digital-press resolutions

You may want to take copydot scans of books that were previously printed with offset press, and repurpose for reprint on a digital press. However, sending high-resolution copydot images to a digital press without preprocessing can result in long processing times and moiré on output. Prinergy can be used to preprocess the files for better results.

For example, to resample high-resolution offset-quality copydot images at 2400 dpi to digital-quality PDF files at 600 dpi, set up a loose page process template with the following settings:

Note: Values not specified below can be left cleared or at their default value.

1. From the **Output** list, select **PDF Raster**.
2. Select the **Copydot** check box, click its arrow to open the **Copydot** section, and define the following parameters:
 - a. Select the **Resample** check box.
 - b. From the **Calibration Curve** list, select **None** (or any other curve).
3. Select the **Layout** check box, click its arrow to open the **Layout** section, and define the following parameters:
 - a. From the **Size** list, select **Digital**.
 - b. In the **PDF Box to Use** box, select **Trim Box**.
4. Select the **Render** check box, click its arrow to open the **Render** section, and define the following parameters:
 - a. In the **Resolution X** box, type 600 (dpi).
 - b. In the **Resolution Y** box, type 600 (dpi).
 - c. From the **Color Model** list, select **DeviceCMYK**.
 - d. In the **Shades** option, select **1**.
5. In the **Calibration & Screening** section, click the arrow to open the **Calibration & Screening** section, and define your required settings. Settings here don't really matter, unless there is non-copydot images/pages in the data you want to process. In that case, select values that will provide good results on your particular output device.
6. In the **File Format** section, click the arrow to open the **File Format** section, and define the following parameters:
 - a. From the **Compression** list, select **CCITTG4**.
 - b. From the **Document Format** list, select **Multi Page**.
7. In the **Device** section, click the arrow to open the **Device** section, and in the **Device Path** box, type the path to the digital press's input hot folder, or keep the default path if you want to use this process template to connect to the digital press with a managed connection to the device (such as via a Publish File process).
8. In the **Marks** section, click the arrow to open the **Marks** section, and in the **Extra Margin for Marks and Bleed** boxes, keep the default values (36 pt) so the press output has bleed. However, if you want Prinergy to create the PDF without bleed, type 0 pt in all boxes.