Creating a process template for signature booklets

If you are printing signature booklets on more than one duplexing laser printer, create an imposition output process template for each printer. The settings in the process template are device-specific, so you cannot share imposition output process templates among several printers.

Because there is only one Windows Print Manager document for each signature booklet, you cannot load-balance the printing ofsignature booklet among several printers.

Note: Be sure to test each process template on its specified printer.

1. Plan the signature booklet format and connect the printers.
2. In any window, from the **Tools** menu, select **Process Template Editor**.
3. In the Process Template Editor dialog box, right-click the **Imposition Output** group and select **New Process Template Group**.
4. Name the new imposition output group **Signature Booklets**.
5. Open an existing imposition output process template from within the **Mockup** group.
6. From the **File** menu, select **Save As** and save it in the new **Signature Booklets** group.
   You may want to name it according to the output format or output device—for example, `1-up_8.5x11_Turn_HP5Si` or `2-up_Digital_PDFRaster_100dpi`.
7. In the **Output To** list, select the output format of the signature booklet.
8. If you are outputting to a black-and-white printer, expand the **ColorConvert** section and set the following options:

Options	Instructions
Match Colors in Page Content	Clear the check box. No input profiles are required.
Proof Process (Destination) profile	Select the output ICC profile as follows: a. Click **Browse**. b. In the File Browser dialog box, browse to the ICC profile: `%ServerName%\%AraxiHome%\CreoAraxi\data\ICC-Profiles\gray\GenericGray.icm`

9. Expand the **Layout** section and set the following options:
   a. In the **Media** area:

| Options	Instructions
Size	Select the paper size: • If outputting to a printer, select **Cut Sheet**. • If outputting to a file, select **Digital**.

| Max Width and **Max Height**	These options apply only if you are outputting directly to a printer.
	i. In the **Max Width** box, type the width of the paper and select the unit of measure from the list.
	ii. In the **Max Height** box, type the length of the paper and select the unit of measure from the list.

The values you type in these boxes must match the laser printer's paper orientation (portrait or landscape).

Portrait:

Max Width

Max Height

Landscape:
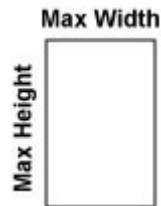
**Max Width**
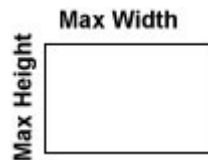
Max Height

- For example, for a 1-up portrait orientation, you would type 210 mm (8.5 inches) in **Max Width** and 297 mm (11 inches) in **Max Height**.
- For example, for a 2-up landscape orientation, you would type 420 mm (17 inches) in **Max Width** and 297 mm (11 inches) in **Max Height**.
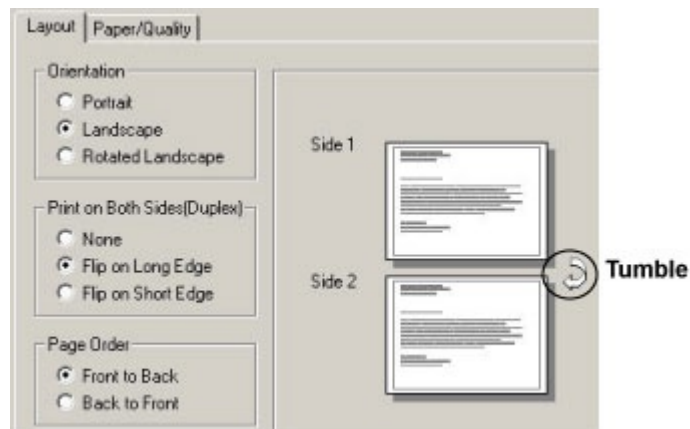
Duplexing	This option applies only if you are outputting to a printer.
	Match the laser printer's duplexing style as follows:
	• If the paper orientation is set to portrait and the duplex style is set to flip on the long edge, select **Turn**.
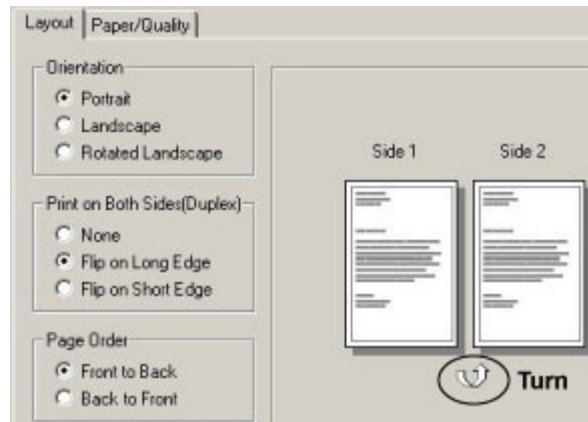
• If the paper orientation is set to landscape and the duplex style is set to flip on the long edge, select **Tumble**.

b. In the **Placement** area:

Options	Instructions
Orientation	Select 0°.
Center Along Width	Select this check box to center the page horizontally. This check box must be selected for the signature booklet to output correctly.
Center Along Height	Select this check box to center the page vertically. This check box must be selected for the signature booklet to output correctly.

c. In the **Scaling** area:

Options	Instructions
All options	Clear all options in this area.

d. In the **Signature Booklet** area:

Options	Instructions
Enable Signature Booklet	Select the check box to make the signature booklet options available.
Type	Select how many pages will output on the sheet: • To output two PDF pages per sheet (one front and one back) in reader order by signature, select **1-up**. • To output four PDF pages per sheet (two front and two back) in reader order by signature, select **2-up**.
Document Binding	This list becomes available when you select **2-up** from the **Type** list. Select **Left**, **Right**, **Top** or **Bottom**.
Use and **with Offset**	Select **Bleed Box** or **Trim Box**. Determines how much of the area around the page's bleed or trim box to include when printing. You can increase the offset amount to see the bleed area, gutters, imposition and page marks, and parts of neighboring imposed pages. Be sure the output sheet is large enough to accommodate both the pages and the bleed or trim offset amount. • To print with only the final bleed or trim, type `0.0`. • To image content outside the page's bleed or trim box, type a positive value and select a measurement from the list. The offset amount you choose depends on the size of the gutter. Typically 6 to 13 mm (0.25 to 0.5 inches) is sufficient.
Duplex Offsets	This option applies only if you are outputting to a duplexing printer. Adjust for the mechanical misalignment in the laser printer's unit. There are alignment test targets that you can run that measure how far off the front and back are from center. Use the **Front X** and **Y** and **Back X** and **Y** values to compensate for any misalignments. Select the units of measure in the list.
Page Marks	Identify the name and location of a PDF file containing the page marks. Click **Browse** to locate and select the marks file. The variable mark `$[PagePositionNumber]` or `$[PPN]` can be used to verify that the pages are in the correct page set positions in the imposition.
Calibrate	Select this check box to apply calibration curves to the marks. The calibration curve is set in the **Calibration Curve** list in the **Calibration & Screening** section.

Locate Page Marks Adjacent To	Select where to place the page marks in relation to the page's trim box. When you select **Right** or **Left**, the page marks rotate as follows: • **Left**—rotates the mark 90⁰ counterclockwise • **Right**—rotates the mark 90⁰ clockwise • **Bottom**—no rotation • **Top**—no rotation
at Distance	Place the page marks just outside the bleed box. Otherwise, the page mark may get associated with an adjoining page, or it may overprint onto another page. You may need to increase the **Use** > **Trim Box** with offset amount to see the page marks.

10. Expand the **Render** section and set the following options:

Options	Instructions
JTP	Select a proofing job ticket processor (JTP).
Resolution X and **Resolution Y**	Select the output resolution for both the X (horizontal) and Y (vertical) axes.

11. Complete any remaining options in the **Render** section according to the output device.
12. Configure the **Calibration & Screening** section according to your output device.
13. Expand the **Device** section and set the following options:

Options	Instructions
Output Type	Select the output type and specify its location: • If outputting to a printer, select **Absolute File or Printer** and either type the printer name or click **Browse** and browse to the printer location. • If outputting to a file that will be stored on a mounted volume, select **Absolute File or Printer**, click **Browse** and browse to the location. • If outputting to a file that will be stored in the job folder, select **Job-Relative File** and type the folder name. **Important:** Do not select **Submit as Multiple Print Job**. If this check box is selected, the signature booklet will output one page at a time.

14. Expand the **Processed File Options** section and set the following options:

Options	Instructions
Use Prinergy-define File Naming	If outputting to a printer, select **Use Prinergy-defined File Naming** and keep the remaining options at their default settings.

Use Custom File Naming	If outputting to a file, do one of the following: • Select **Use Prinergy-defined File Naming** and keep the remaining options at their default settings. • Select **Use Custom File Naming** and in the **Filename Template** box, type the file name tags. **Exception:** If you are outputting to single-page PDF files, you must select **Use Custom File Naming** and include the variable tag `%outputsheetnum%` as part of file name template. Otherwise, the pages will overwrite each other.

15. Expand the **Marks** section and set the following options:

Options	Instructions
Draw Trim and Bleed Marks	Select the **On Content** option.
Locate Crop Mark of Length	Type the length of the crop mark, and select the unit of measure from the list.
at Distance	Type the distance of the crop mark from the trim box.

16. If you selected a PDF file format in the **Output To** list (for example, **PDF Raster** or **PDF Vector)**, expand the **File Format** section and set the following options:

Options	Instructions
Document Format	Select how you want the PDF files saved: • If you want all pages of the signature booklet in one file, select **Multi Page**. • If you want each page in the signature booklet saved as a separate file, select **Single Page**. **Important:** If you select **Single Page**, include the variable tag `%outputsheetnum%` in the **Filename Template** box. (in the **Processed File Options** section—see the Exception above.) Otherwise, each page will overwrite the previously saved page.

17. Complete the remaining options in the **Device** section according to the requirements of the output type selected in the **Output To** list.
    Note: The available options in the **File Format** section change depending on what you select in the **Output To** list.
18. From the **File** menu, select **Save**.
19. From the **File** menu, select **Close**.