

# File Format section of the Final Output process template

This process template section identifies the format and compression settings of the output files during final output.

## Include Images as

If printing to PDF, select **Original** to output the original images in the output file.

Select **Low Resolution** to output low-resolution versions of the images in the output file.

## Compression

(See [About outputting to a file](#))

The compression options that are available vary depending on the output format selected in the **Output To** list at the top of the process template. The following compression options are available:

- **None**—select if you do not want to compress files
- **CCITTG3**—not available if outputting to a non-screened format
- **CCITTG4**—not available if outputting to a non-screened format
- **LZW**
- **RLE**
- **ZIP**—select if you use Kodak Staccato screening software

**Note:** Compression methods **CCITTG3** and **CCITTG4** are unavailable if the **Always use Color Combiner to Convert Spots** check box is selected in the **Render** section of the process template or if any Staccato screening system is selected in the **Screen System** box in the **Calibration & Screening** section.

## Quality

The quality control option is available only if the **Output To** list is set to **JPEG**.

Prinergy provides five JPEG compression quality options ranging from **Maximum** quality (the least compression and the smallest loss of data) to **Minimum** quality (the most compression and the greatest loss of data).

- **Maximum**
- **High**
- **Medium**
- **Low**
- **Minimum**

The lower the quality of JPEG compression, the smaller the file size, but the greater the chance of noticeable blockiness in certain areas of the image. You should experiment with JPEG compression levels to see what amount of image degradation is acceptable for your purposes.

## Advanced TIFF Tags

(See [About advanced TIFF tags](#))

Select to add advanced TIFF tags to output files.

**Note:** Unless you are outputting to Virtual Proofing System 2.0 or Copydot Toolkit software, this option is not recommended because some devices that do not recognize advanced TIFF tags may reject the entire file.

Available when a TIFF or Virtual Proofing System format is selected in the **Output To** list at the top of the process template.

## Use Custom TIFF Title Tag

Select the check box and type a custom name in the box to create custom title tags in the TIFF file. This feature replaces the need to manually edit the TIFF file.

Use this feature when sending Virtual Proofing System files through Digital Blueline to merge separations from different signatures.

**Note:** In the box, you can include variables such as %job% and %signature%.

## DCS File Format

Select **Single File** to generate one pre-separated DCS file—that is, one file that contains all the pre-separated colors. The file name will be, for example: <PDF filename>.p00n.eps.

Select **Multiple Files** to generate a DCS file set—that is, one file for each color separation, plus a master file for the set. The file names will be, for example:

<PDF filename>.p00n.dcs.eps

<PDF filename>.p00n.C.eps

<PDF filename>.p00n.M.eps

<PDF filename>.p00n.Y.eps

<PDF filename>.p00n.K.eps

<PDF filename>.p00n.1.eps

Available when **DCS** is selected in the **Output To** list at the top of the process template.

## EPS Data

Select the encoding method to use for EPS data.

Available when **EPS Raster** is selected in the **Output To** list at the top of the process template.

## DCS Data

Select the encoding method to be used for DCS output.

Available when **DCS** is selected in the **Output To** list at the top of the process template.

## EPS Compression

Select the compression method to use for EPS output, or **None** if you do not want to compress EPS files.

Available when **EPS Raster** is selected in the **Output To** list at the top of the process template.

## DCS Compression

Select the compression method to be used for DCS output, or select **None** if you do not want to compress the DCS file.

Available when **DCS** is selected in the **Output To** list at the top of the process template.

## Add TIFF Preview to DCS Master File

Select to add a preview file to the master file for a DCS-2 multiple file set. You can view the preview file in software such as Preps and QuarkXPress.

Specify a resolution for the preview file in the **at Resolution** box.

Available in the Loose Page Output and Imposition Output process templates when **EPS vector** or **DCS** (raster or vector) is selected in the **Output To** list.

Available in the Final Output process template when **DCS raster** is selected in the **Output To** list.

## Always use custom Large TIFF format

This check box is available only when the file output type is set to **TIFF**. By default, this option is disabled.

Select this check box to create a JDF file that links multiple large TIFF files (less than 4 GB). This set of files represents a single plate.

## Document Format

Select **Multi Page** to generate one output file for the entire range of selected surfaces or **Single Page** to generate one file for each surface.

Available in the Loose Page Output and Imposition Output process templates when a vector output (except DCS) is selected in the **Output To** list.

Available in the Final Output process template when **PS3 (PostScriptOut)** is selected in the **Output To** list.

**Single Page** is not recommended for digital printers.

## Vector Output Options

### Output Format

Select **Composite** or **Separated** output. The selection determines whether or not conversion is required based on the input file format.

Select **Automatic** to generate files in the same format (composite or separated) as the input files.

### Notes:

- Separated PDF/X-1a:2001 and composite DCS-2 are not supported.
- Spot color handling (omission, mapping, and converting) in the Color Separations dialog box is not supported for composite vector output.
- The **Automatic** option is available when vector output (except DCS) is selected from the **Output To** list at the top of the process template.

## Render Shadings

Select to render PostScript 3 vector objects with Level 3 smooth shades to produce rasterized contone objects in order to meet the PostScript Level 2 standard. Target workflows may process rasterized objects faster than vector ones, but there may be some quality degradation for subtle shadings that extend over long distances.

Specify a resolution for the rendered shadings in the **at Resolution** box.

Available when **DCS**, **PS2**, **PS3**, or **PDF** is selected in the **Output To** list.

## Font Outlining

Select to replace all text objects with vector objects in output pages.

This is available to DCS, PDF, and separated PostScript vector output formats. It is useful for eliminating font formats that certain RIPs may not be able to process. Text output in this way cannot be edited and when previewed in Adobe Acrobat, will look bolder than the original text due to loss of font hinting for low-resolution monitors.

## Delete Traps

Select to remove any Prinergy-generated traps from PDF, PostScript Level 2, and DCS-2 output files.

Trapping-generated overprints remain in the files.

## Simulate overprints (CMYK only)

Select to replace overprint intersections with an opaque object.

This creates a page that maintains its integrity on output, even if a downstream publisher or printer configures their workflow to override overprints.

## Send PostScript duplexing commands

Select to print on both sides of the media. Assuming a portrait sheet orientation, select **Turn** print pages side to side by flipping on the long edge. Select **Tumble** to print both sides by flipping on the short edge.

This option simply adds the duplex command to the PostScript output. The consuming device may not support this command.

## Output Intent

Use this area to specify an ICC profile or named print condition in the Output Intents section of the PDF/X file that you are generating.

A named print condition is a documented printing situation with a defined relationship between input data and the colorimetry of the printed image. Typically, named print conditions are registered with an organization such as the ICC.

Perform one of the following actions:

- To specify an ICC profile, select the **Profile** check box, and specify the path of a profile.
- To specify a named print condition, select the **Name** check box, and select a print condition from the list.
- To use the ICC profile specified in the **ColorConvert** section for PDF/X generation, click the **Use ColorConvert Destination profile** check box.

**Note:** The **Match Colors in Page Content** check box in the **ColorConvert** section must be selected.

This area is available only when a **PDF/X** format is selected in the **Output To** list at the top of the process template.