

# About refining

Refining is a key Prinergy process. In addition to converting your files to PDF, it can perform copydot handling, color conversion, trapping, thumbnail generation, and more. In most cases, you must refine your files before you can produce quality output in Prinergy.

Refined files include embedded fonts and images, so you do not have to manage the fonts and images of refined files.

You can choose to refine files while adding them to a job or later. When you refine files, you select a refine process template that contains predetermined settings. This process template guides the files through a series of JTPs.

**Note:** Files can be refined multiple times in order to apply different refine process settings. Refining also enables you to map colors.

## Bypassing refine

If you are confident that your PDF input files are press-ready, you can choose to bypass the refine process. Bypassing refine ensures that the content does not change, and saves processing time and resources.

To bypass refine, you must use the **Bypass Refine** process template, which will only register your PDF input files with associated colorant and geometry attributes into the Prinergy system.

## XMP metadata

Prinergy preserves XMP metadata in your input files. XMP is a standards-based metadata schema, providing structure for your information records.

XMP metadata can be used in a number of ways. For example, XMP metadata can include information regarding third-party OPI and trapping. It can also include information for future use, for example, whether or not the file has already been preflighted by Prinergy, and if the preflight profile is GWG (Ghent Working Group) compliant.

## User Data

Refine discards all comments, forms and multimedia from PDFs. Typically Bypass refine can preserve most of this type of data.