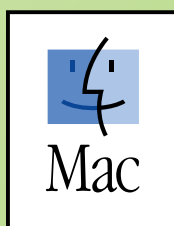




**Creating PDF/X From  
Adobe InDesign CS, CS2, CS3**



# Creating PDF/X From Adobe InDesign CS, CS2, CS3

PDF/X is the preferred file format for submission to Layton Printing. The PDF/X standard is an official ISO (International Standards Organization) standard for file transfer for the printing industry.

Creating a PDF/X file from Adobe InDesign is easy, Adobe is the developer of the PDF format, has integrated PDF fully into InDesign.

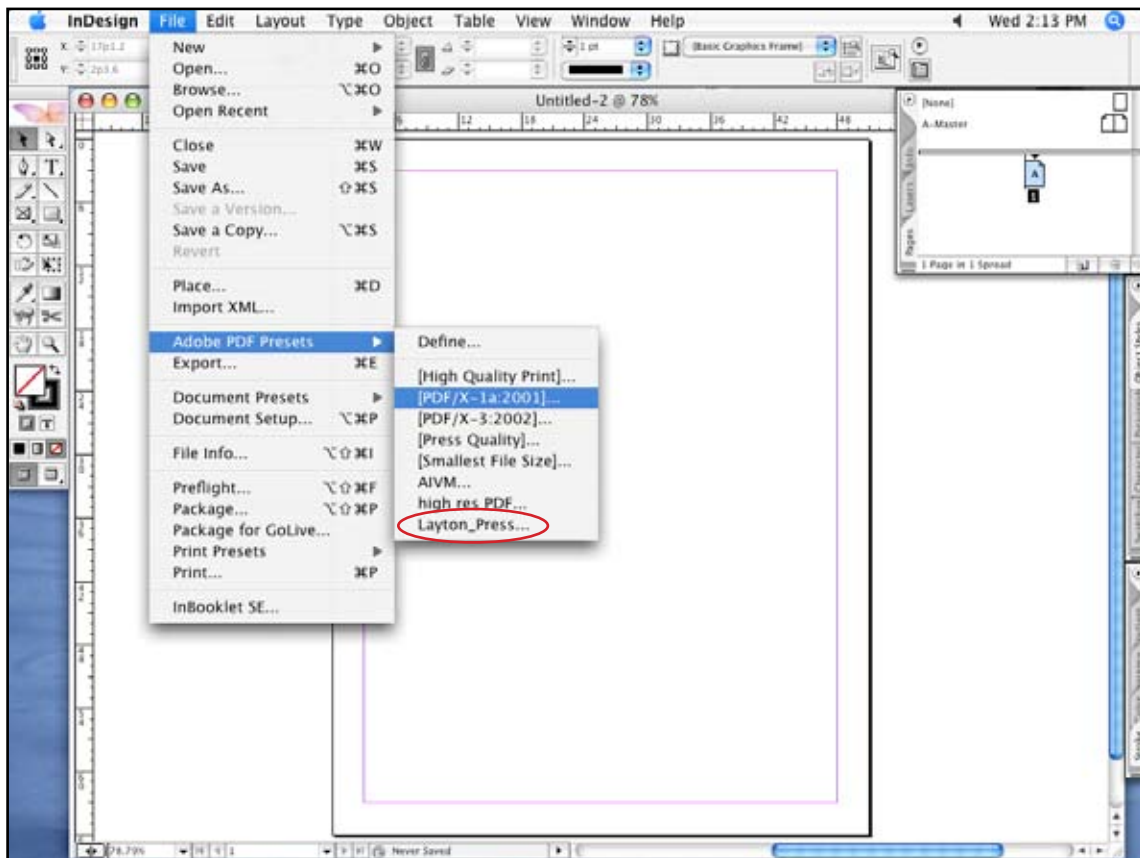
## Using the Layton PDF/X Preset:

Download the Layton preset (Layton\_Press.joboptions) from our website at <http://www.laytonprinting.com/pubdownloads.html> and click on **Layton PDF/X-1a Preset for Adobe InDesign** and download the file.

## To install the Layton Preset:

On a **Mac**, copy the Layton\_Press.joboptions file to the PDF Settings folder. To locate the folder click on your Macs **Main Hard Drive**, then open the folder **Library**, open **Application Support**, open **Adobe PDF**, open **Settings**.

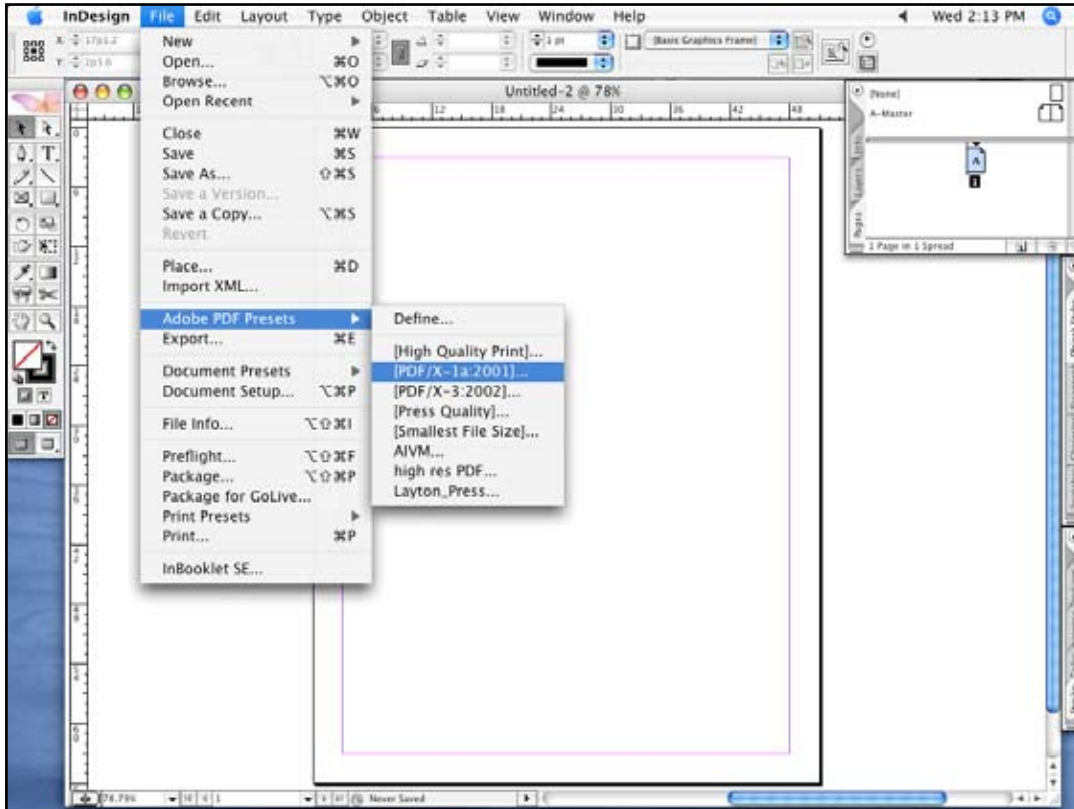
On a **PC**, copy the Layton\_Press.joboptions file to the PDF Settings Folder. To locate the folder double click on **Local Disk (C:)** on My Computer, then open **Documents and Settings** folder, then open **All Users** folder, then **Documents** folder, then **Adobe PDF** folder, then **Settings**. Once the file has been copied to the appropriate folder, the file will be available under PDF Presets:



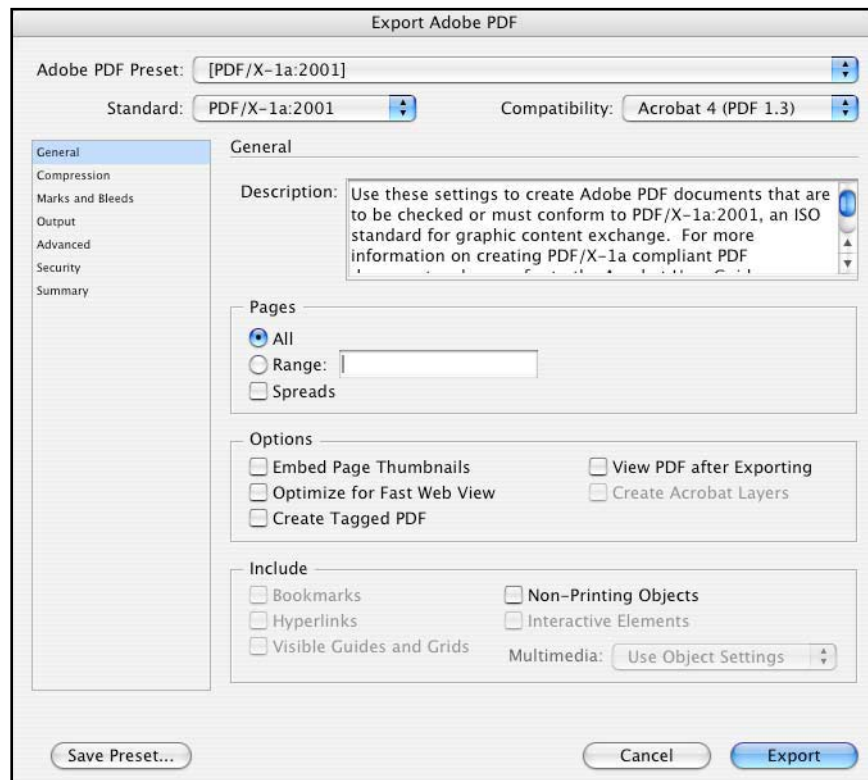
One can use the preset "as is" to create a PDF without touching any of the options.

## How to Manually Export a PDF/X-1a File using InDesign's Standard Presets:

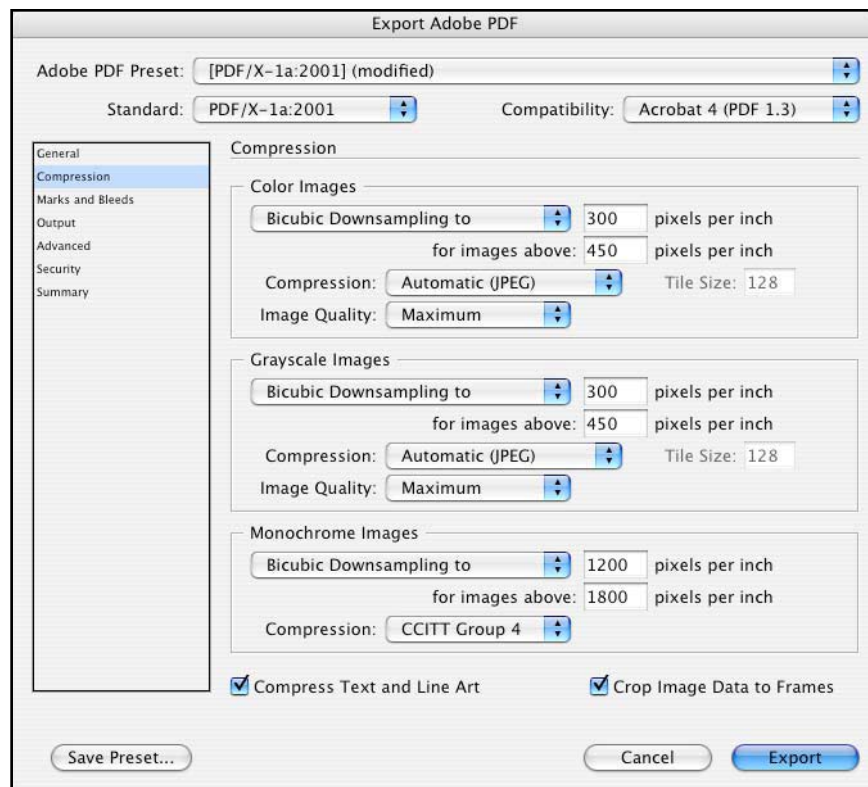
From the File menu, go down to PDF Presets and choose PDF/X-1a:2001. (Most of these screen shots were done on a Mac, but they are similar on a PC).



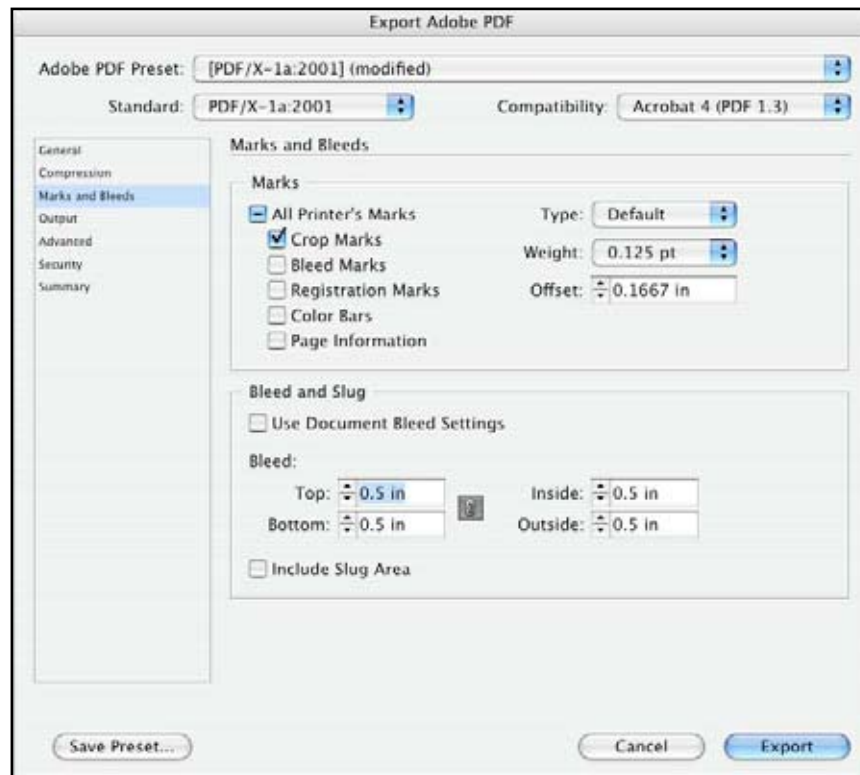
This will bring up the PDF/X-1a print dialog box, which is similar to the regular print dialog box.



Note that the preset is PDF/X-1a and the Standard is PDF/X-1a. If you make changes to any of the default settings, make sure that "Standard" is set as PDF/X-1a (or X-3). PDF compatibility is set to PDF1.3, which is Acrobat 4. This is required to make sure that things such as transparency flattening have been done.



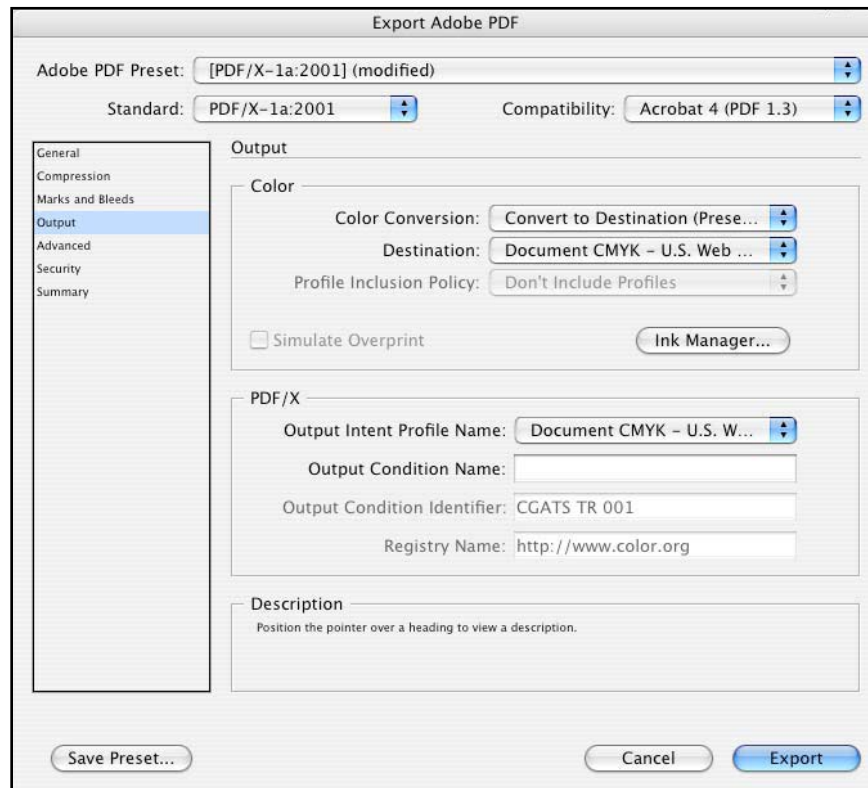
Downsampling is set to 300 dpi, which is standard for 150 lpi linescreen. You can change this to 400 dpi if the linescreen being used is 200 lpi. (rule of thumb, dpi = 2 x lpi). However, Layton Printing's workflow system will set the appropriate linescreen in its Prepress Department.



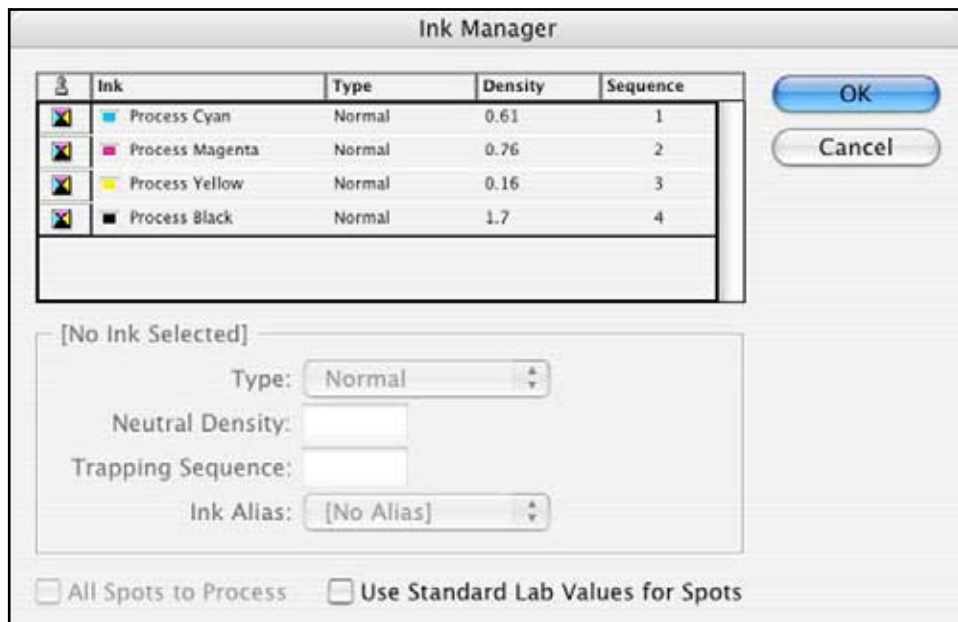
From the default, click on "Crop Marks" to add crop marks. This action will change the Preset indicator to say "modified." The crop mark weight should be set to .125" and the offset to 1 pica or .1667".

For the Bleed and Slug section, indicate a 1/2" bleed, which will force the page size to 1" larger than the document size (1/2"=.5" or 12 points = 1 pica). Clicking on the chain link in the center will put the same value in all four sides for a "symmetric" bleed.

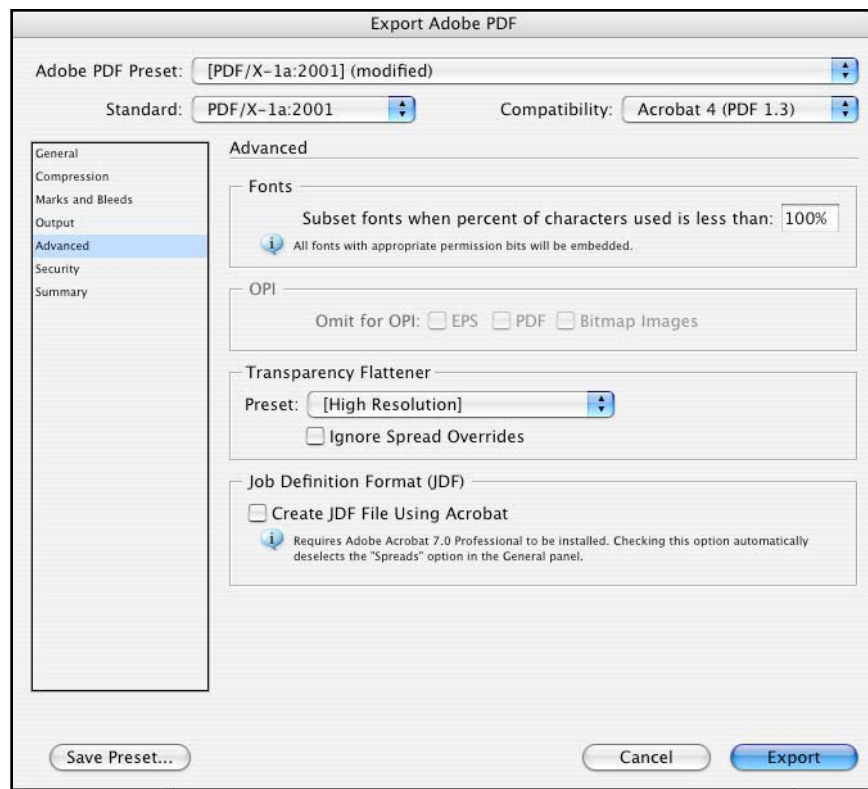
Color conversion is set to US SWOP standards. One can use the ink manager to “map” spot colors or to convert spot colors to process.



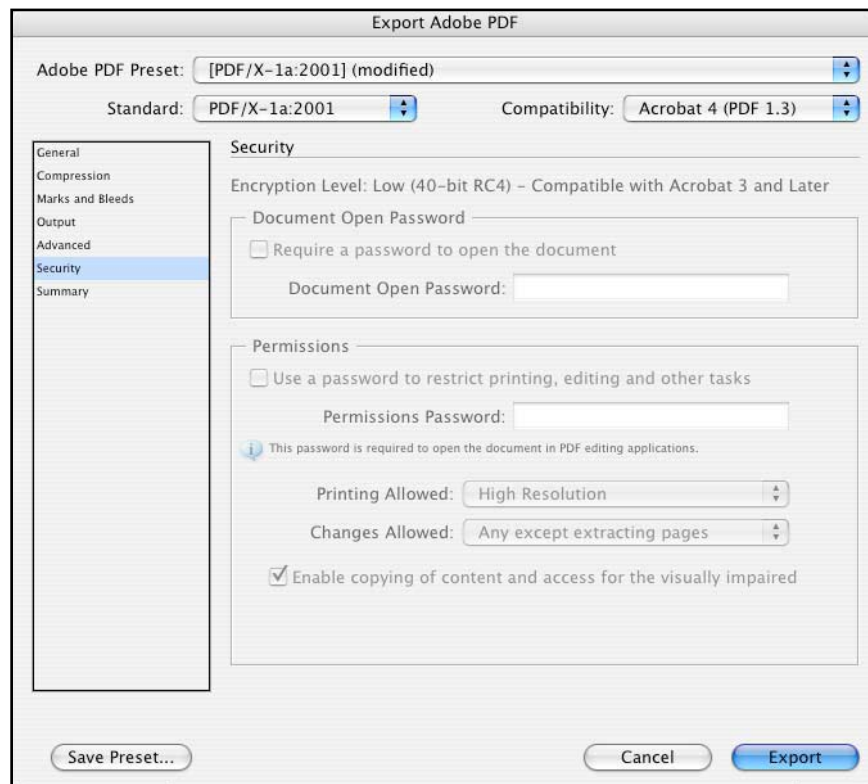
Mapping spot colors (Ink Alias) is used when a file has the same color with two different names such as Pantone 123c and Pantone 123cv, etc. To convert to 4-color (spot colors require additional printing plates and cost substantially more) click on the “All Spots to Process” check box.



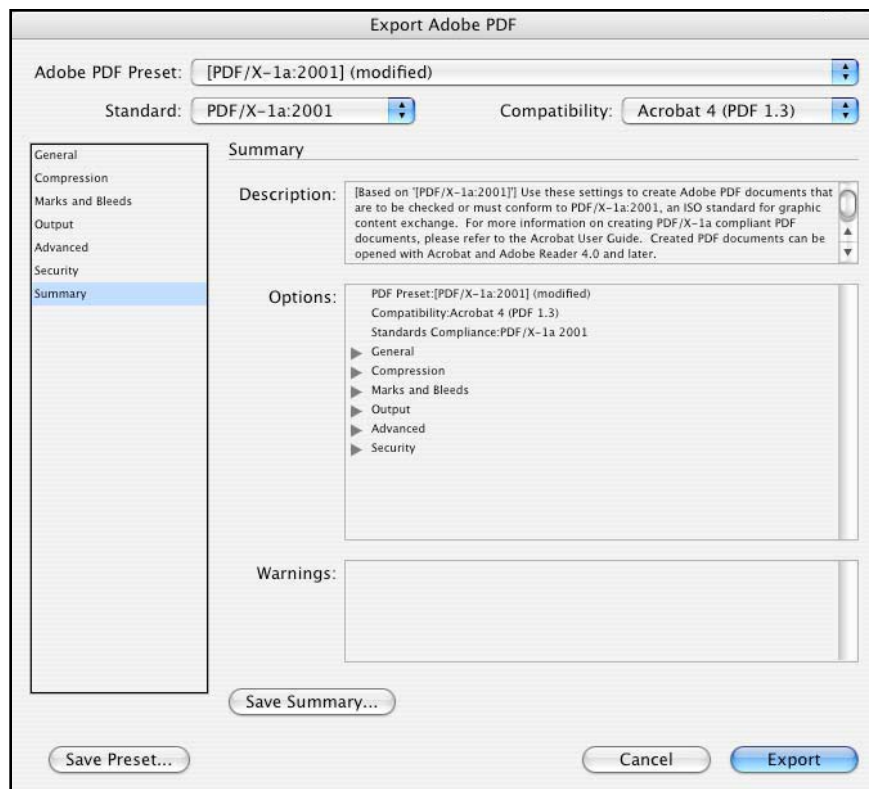
*Please note that Layton Printing prints using 4 Color Process. If you plan to use spot colors please contact Layton Printing before sending the final job.*



Note that the fonts have been set to subset if less than 100%, this ensures that the fonts in the file will be embedded. Using non-embeddable fonts will cause an error and no PDF will be created. Also note that the transparency flattener is set to High Resolution.



No security should ever be set as this may impair our ability to print the file.



The summary screen includes warnings of possible problems. Please read any warnings. If you have any questions, please call Layton Printing's Prepress Department, and we will help resolve any warnings.



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