

# PDF Support for Authors

## PDF Requirements, Guidelines and Conversion Solutions

This document outlines the following:

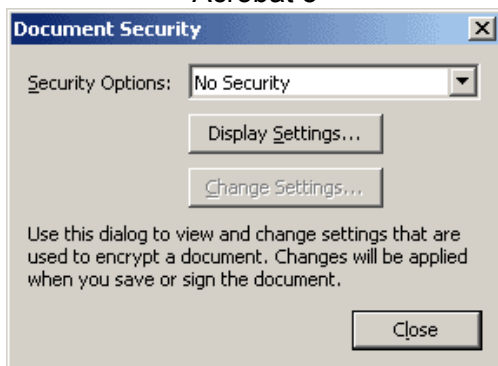
- PDF Requirements
- Common Problems with PDFs
- Acrobat® Distiller® Settings
- Software Solutions for Creating PDFs



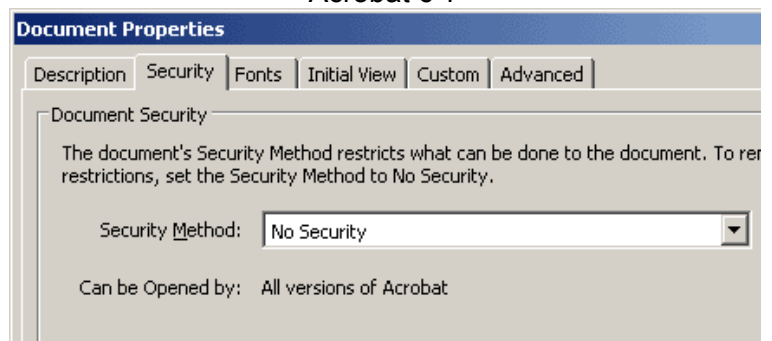
### PDF Requirements

- **The PDF version should be 1.4 (Acrobat 5.x compatible).** PDFs supplied as version 1.5 or higher may be converted back to version 1.4.
- **If using Acrobat, the PDF should be generated using Acrobat Distiller.** Older versions of Acrobat had a print driver called Acrobat PDFWriter. PDFs created using PDFWriter often have problems with fonts, graphics and searchability. Please use the "Create Adobe PDF" or "Acrobat Distiller" printer drivers instead.
- **PDF security must be set to "No Security."** If we receive secured PDFs from you, it may cause your file to not be produced accurately. To check the security in your PDF:
  - Acrobat 5: select **File**, then **Document Security...**
  - Acrobat 6 or 7: select **File**, then **Document Properties** and click the **Security** tab.

Acrobat 5



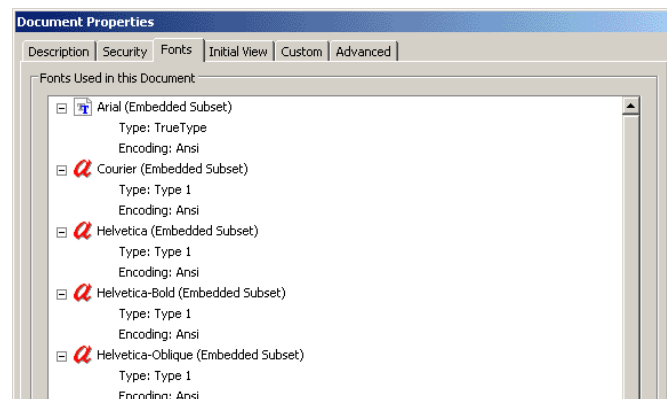
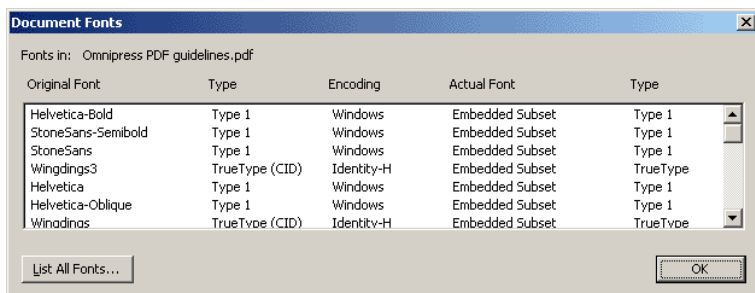
Acrobat 6-7



- **All fonts must be included in the PDF file as an "Embedded Subset"** (see examples below). We suggest using a Type 1 font like Helvetica or Times, or a similar True Type font like Arial or Times New Roman. To check font embedding in your PDFs:
  - Acrobat 5: select **File**, then **Document Properties**, then **Fonts...**
  - Acrobat 6 or 7: select **File**, then **Document Properties** and click the **Fonts** tab.

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## Common Problems with PDFs

- Fonts, if not embedded correctly, could be substituted automatically by a different font and cause inaccuracy in the content of the document.
- Documents converted from the LaTeX or TeX typesetting language into the Adobe's Postscript or PDF files usually contain fixed-resolution bitmap fonts that don't display well on computer screens.
- Secured PDF files can cause problems with:
  - Opening the document
  - Printing the document
  - Indexing for searchability on CD-ROM products
  - Readability/Legibility of the document

## Acrobat Distiller Settings

This section will help you use the proper settings with the Adobe Acrobat Distiller.

Note to Macintosh users: while the screen shots used in this document were taken from Microsoft Windows, the same information applies unless otherwise specified.

*Note: these are only suggested settings for compression, based on average use. You may need to experiment with these settings for results that best meet your needs. If, for example, you require your graphics to be the highest quality possible and file size is not an issue, turn off compression completely by unchecking all boxes. If file size is a concern (or if you are running into display slowdowns and/or printing problems) and you do not need graphics to be very high quality, you can adjust the Quality to Medium, lower the Color and Grayscale Resampling to between 72 and 100 dpi, and/or lower the Monochrome Resampling to 300 dpi.*

### Downloadable Distiller Options

The following Acrobat Distiller settings files have been prepared to assist you in creating PDF files that are ready to send to Omnipress.

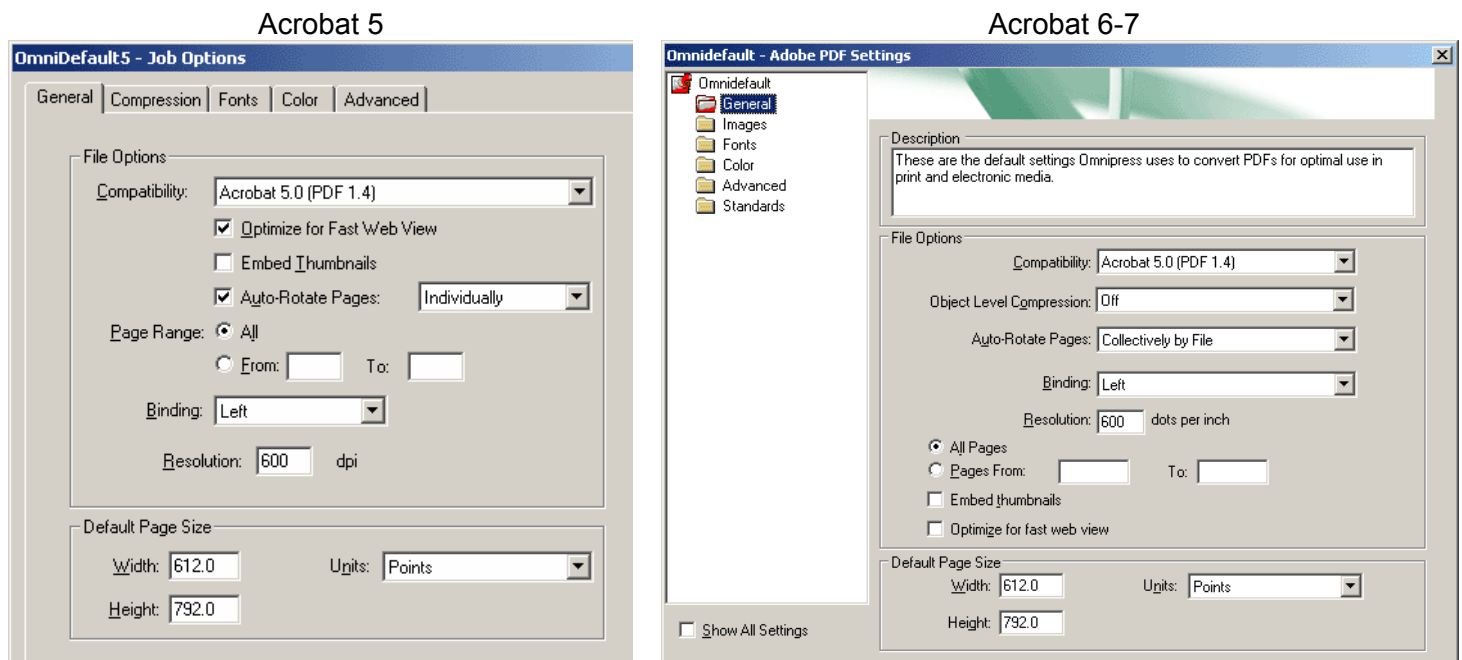
- [Download the Job options for Acrobat 5 & 6](#)
- [Download the Job options for Acrobat 7](#)

Right-click to save the zipped file to your hard drive and expand using a decompression utility. Free utilities are available like Zip Reader (Windows) or Stuffit Expander (Macintosh). Double-click the .joboptions file to install it into Acrobat Distiller.

### Settings

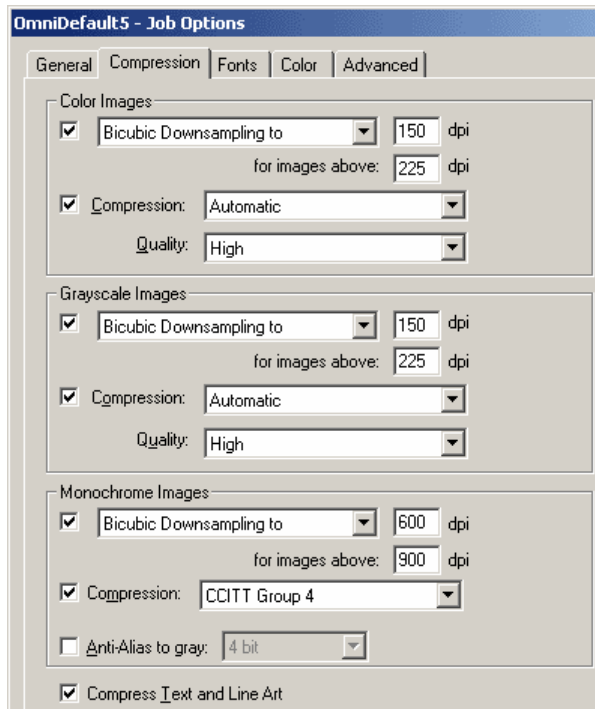
Run Acrobat Distiller. From the Distiller menu, select **Settings** then **Job Options...**

#### General Tab:

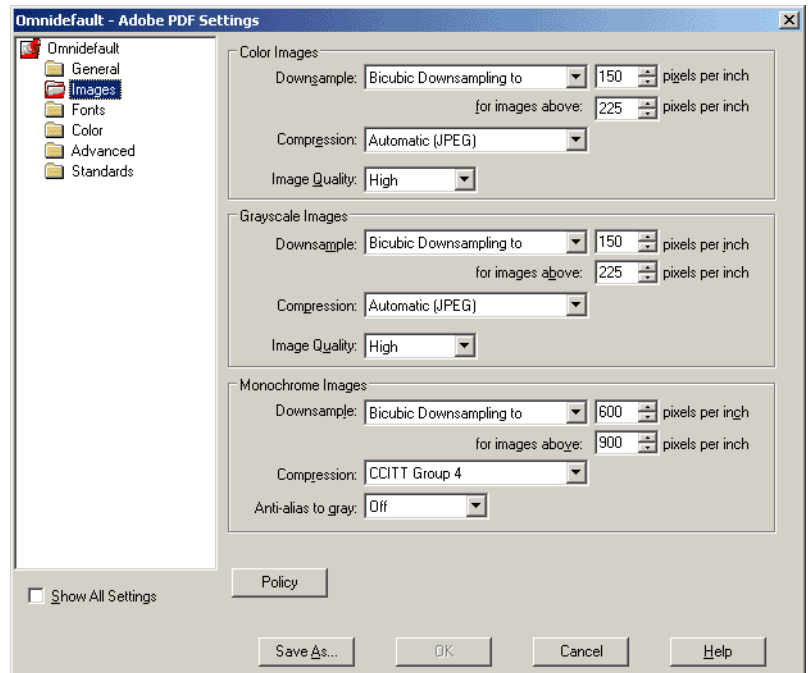


### Compression/Images Tab:

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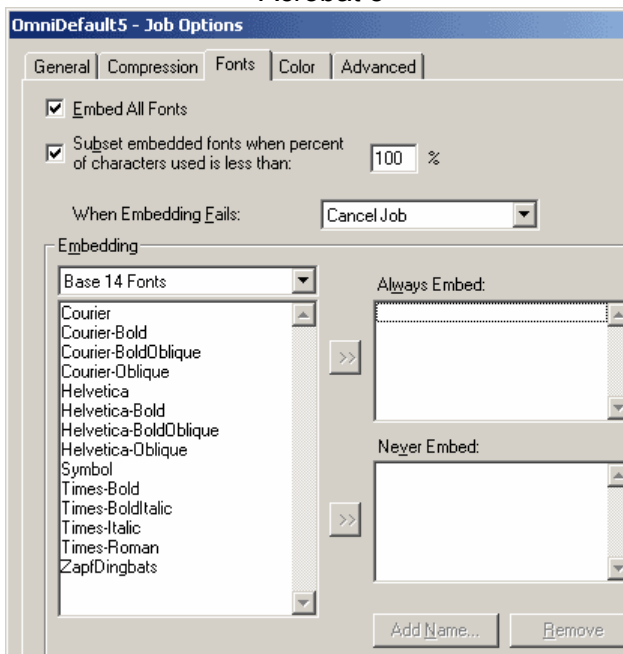


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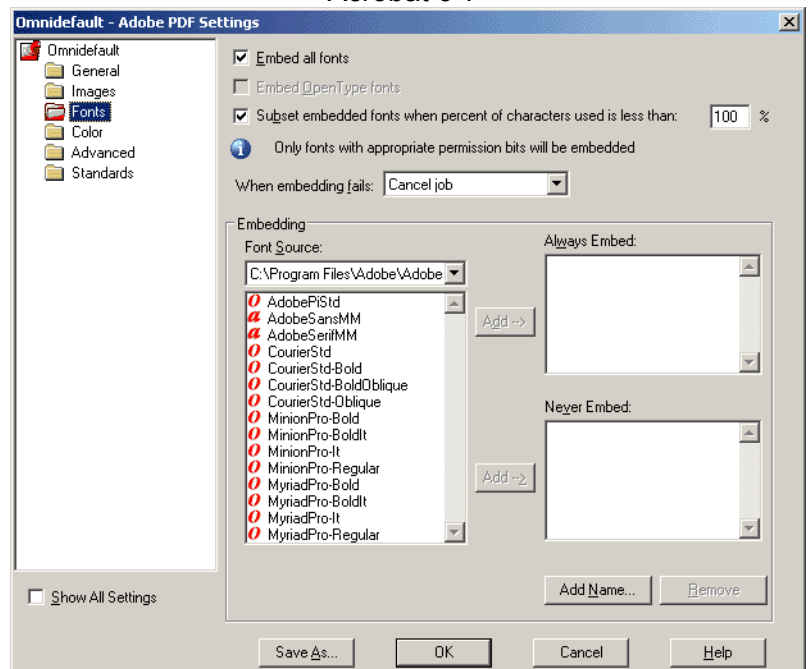


### Fonts Tab:

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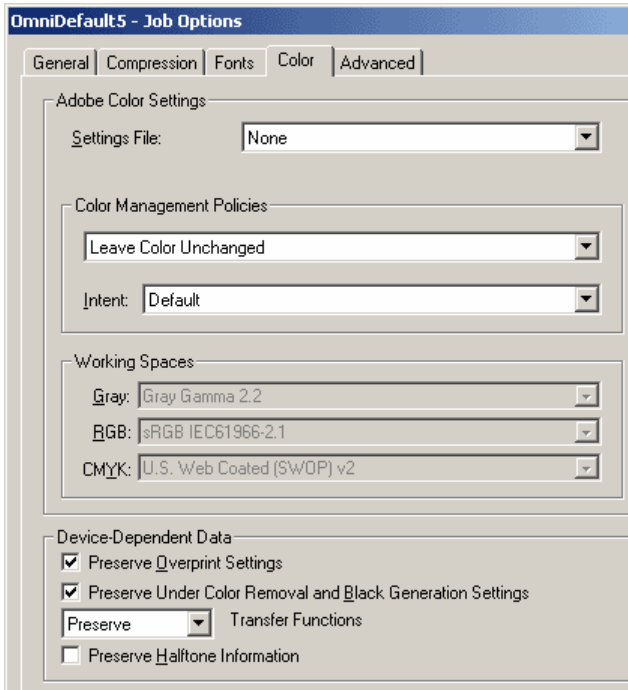


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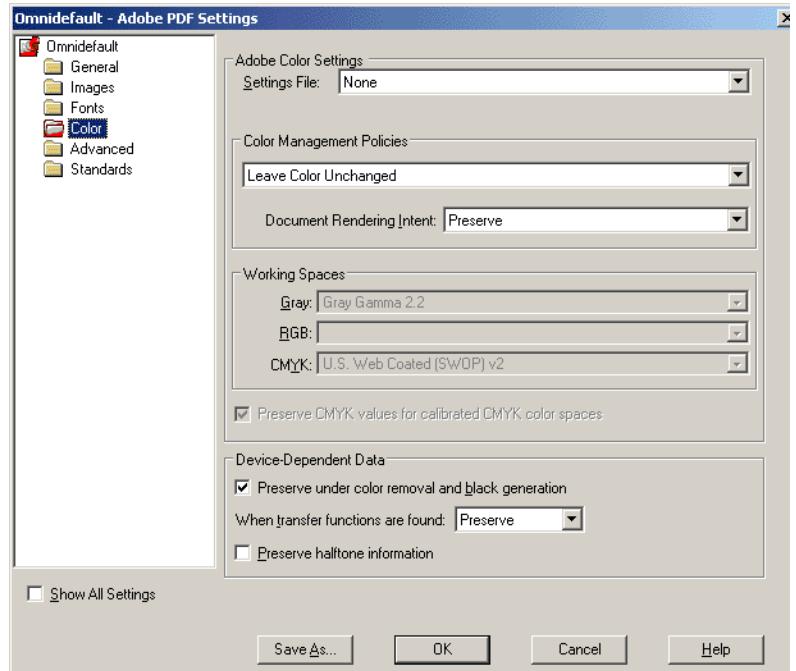


### Color Tab:

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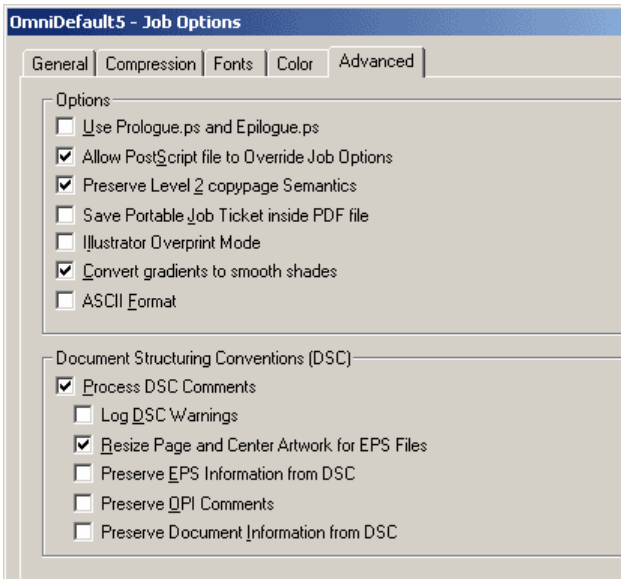


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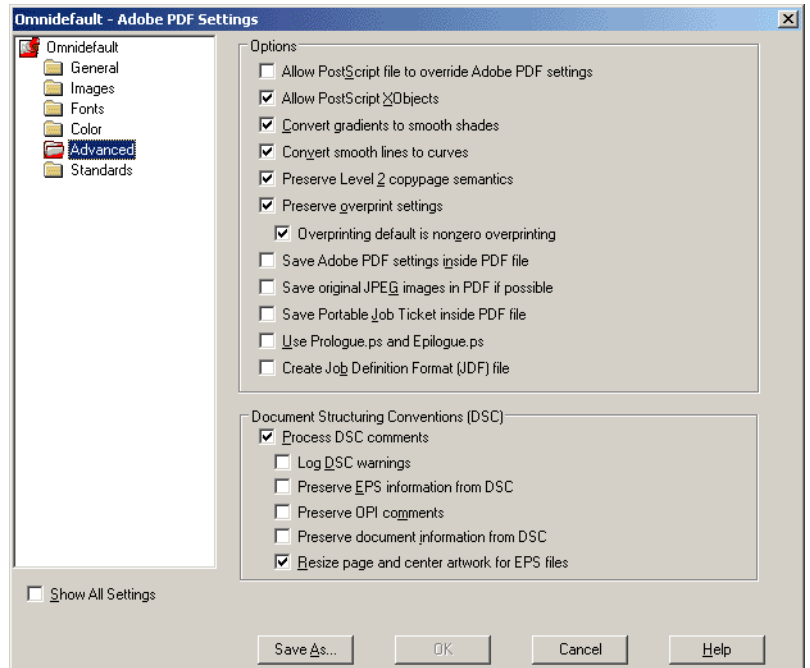


### Advanced Tab:

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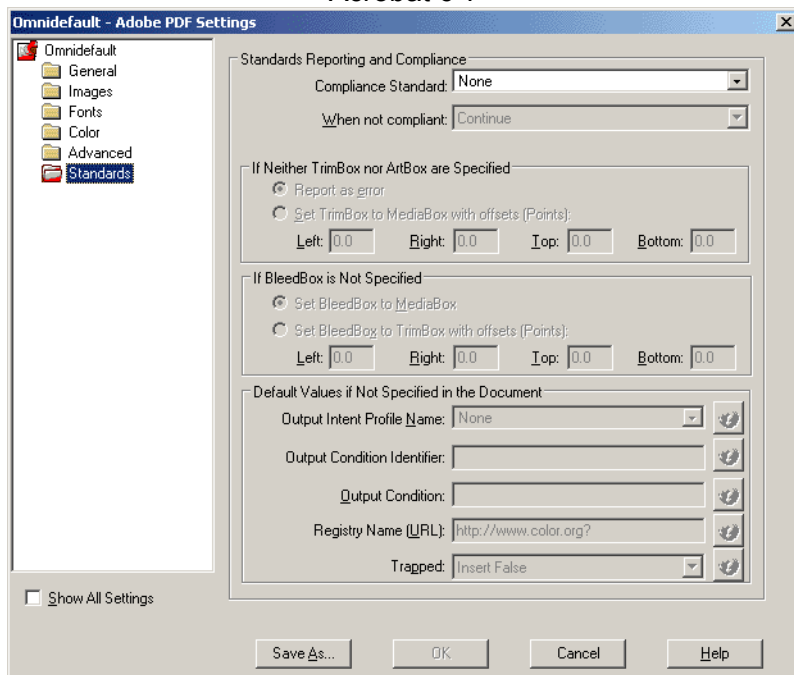


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## Standards tab (Acrobat 6-7 only)

### Acrobat 6-7



## Saving your Distiller Settings

Saving your custom settings allows you to use them again later and gives you easy access from the main window.

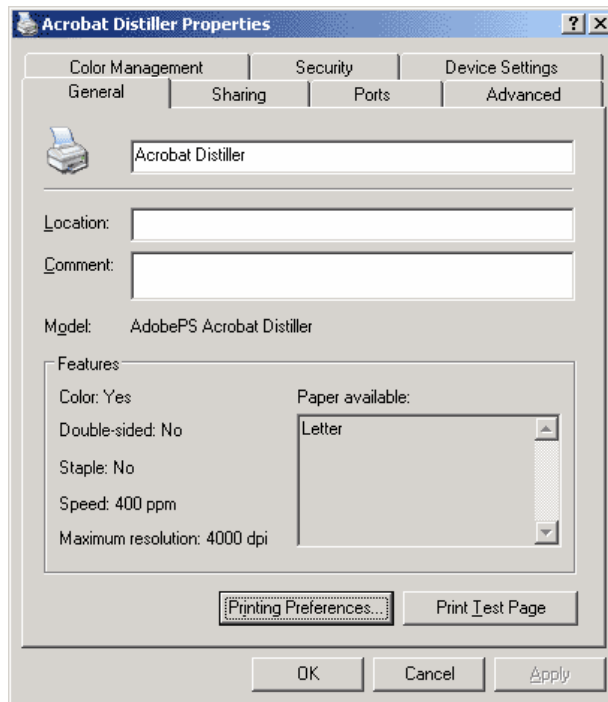
- Click the **Save As...** button and give your settings a name (do not delete the “.joboptions” suffix). Click **Save**.
- Click **OK**. Distiller will take a few seconds to change your default job parameters. You are now ready to begin processing PostScript or EPS files.
- Your custom Distiller settings can be accessed from the Job Options pull-down menu in the main window. You can also experiment with using the three settings installed with Acrobat Distiller to see if you get better results.

## Selecting your new Distiller settings for printing to PDF

After creating your new Distiller settings, you will want to set them up as the default settings to use when printing to PDF.

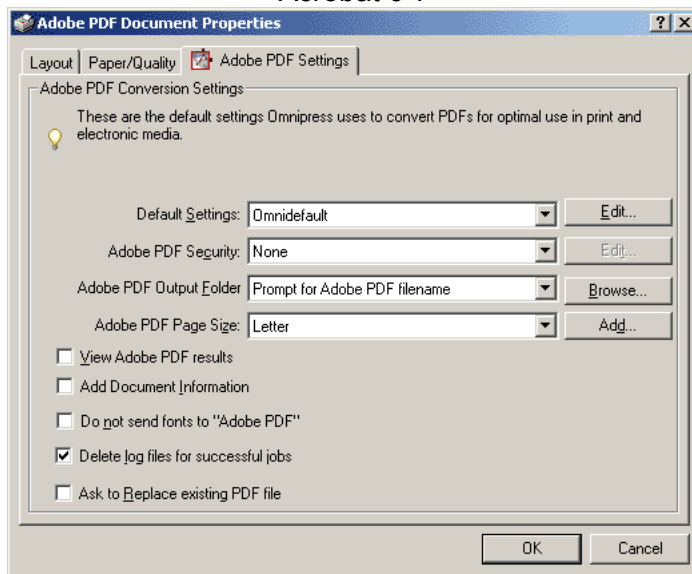
## Windows

- Go to your **Start** menu, select **Settings**, then **Control Panel**, then **Printers and Faxes**. Right-click on the “Adobe PDF” printer and select **Properties...**

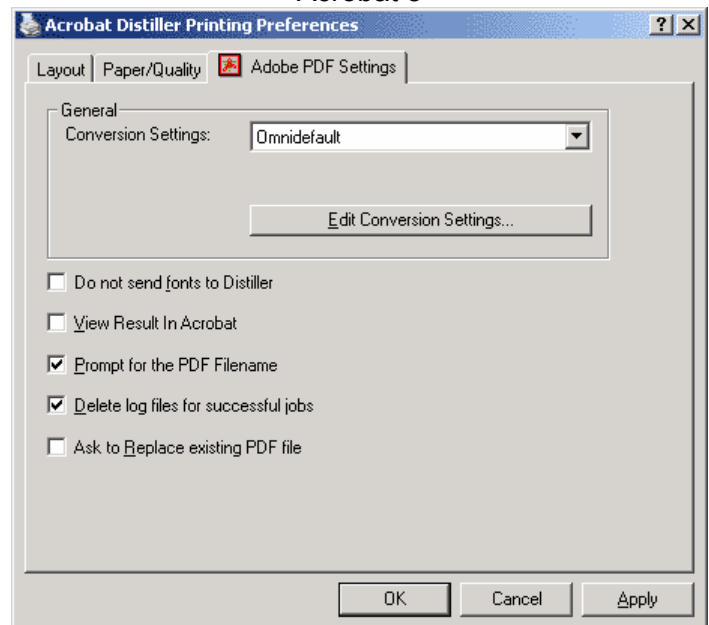


- Under the **General** tab in the Properties window, click **Printing Preferences...** Click the **Adobe PDF Settings** tab.

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Acrobat 5



- Make sure your custom settings are selected in the window (we call our default settings "Omnidefault"). To be sure your fonts are embedded correctly, uncheck the "Do not send fonts to 'Adobe PDF'" box (in Acrobat 5, this is "Do not send fonts to Distiller").

## Software Solutions for Creating PDFs

- [Adobe Acrobat](#) by Adobe  
From the creator of PDF. Click the link above to purchase the full version of Adobe Acrobat directly from the Adobe.com web store (you may find better deals at online software dealers or even your local computer store). For Windows and Macintosh
- [Create Adobe PDF](#) by Adobe  
Create Adobe PDF Online is Adobe's Web-hosted service that lets you convert a variety of documents into PDF files. Supported formats include Microsoft Office files, graphics formats, Web pages, and other file types.
- [Jaws PDF Creator](#) by Global Graphics Software Ltd.  
An affordable PDF creation tool. It is seen as a printer allowing users to 'print' to a PDF file directly from any application, and it also appears as an icon on the desktop allowing drag-and-drop conversion of any PostScript or EPS file directly to PDF. An evaluation version can be downloaded at their website. The latest version is compatible with Mac OS X.
- [NitroPDF](#) by ARTS PDF  
A high-quality, affordable PDF creation and editing application that puts the full power of PDF within everyone's reach
- [pdfFactory](#) by FinePrint Software  
pdfFactory allows you to create PDF files with the ability to preview, combine documents into a single PDF, insert and remove pages, embed fonts and much more.
- [ALLPDF Converter](#) by BCL Technologies  
An easy-to-use PDF creation tool created specifically for those who need to produce PDF documents without the hassle of learning complex options. Advanced features are available to Windows 2000/XP users.
- [DocuCom PDF Driver](#) by Zeon Corporation  
A creation tool with extensive features, high conversion speed, and the coverage of all major languages including Asian double bytes. A trial version can be downloaded from their website. This driver is included with NitroPDF above.
- [PDF-Pro](#) by ePapyrus  
An affordable and reliable PDF writer software for creating and securing high quality PDF files from virtually any documents in any application software. The standard and gold editions support Asian languages. An unlimited free trial is available from their website.
- [pdfMachine](#) by Universe Software GmbH  
Create and send PDF files from your Windows & ERP applications. A demo version is available from their website.
- [PrintToPDF](#) by Jim Walker (Macintosh)  
A shareware Macintosh printer driver that creates PDF files, for Mac OS 9 and older systems. Not compatible with Mac OS X.