

FinePrint pdfFactory Enterprise

FinePrint Software
<http://www.fineprint.com>

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Introduction

pdfFactory Enterprise (PFE) is a version of FinePrint Software's pdfFactory utility specially designed to provide advanced PDF creation capabilities to users on a network.

This document discusses only the features of PFE which are above and beyond the standard pdfFactory product. For an explanation of the standard product, please visit FinePrint's Web site at <http://www.fineprint.com>.

Features

pdfFactory Enterprise has the following features:

- *Centralized Installation.* Install PFE once on a file server, and any user with access to the file server can use pdfFactory simply by connecting to a shared printer.
- *Centralized Updates.* When a new version of PFE becomes available, you simply install it on the server. Client users are automatically updated to the new version.
- *Network Client Support.* PFE supports clients running Windows 95, 98, Me, NT, 2000, and XP. Installation is simple, using the standard Windows "Point and Print" technique for accessing shared network printers.
- *Security.* PFE fully supports Windows NT/2000/XP security, so you can choose which users have access to pdfFactory. Unlike the standard version of pdfFactory, PFE does not require administrative privileges under NT/2000/XP (except for installation and uninstallation on the server).

System Requirements

pdfFactory Enterprise requires the following for a server installation:

- Windows NT version 4.0 or higher, Windows 2000, or Windows XP
- Microsoft Networking with printer sharing

PFE client installation requires the following:

- Windows 95, 98, Me, NT 4.0, 2000, or XP
- Microsoft Networking with printer sharing

Availability and Pricing

pdfFactory Enterprise is currently shipping and is available for download at FinePrint's Web site. Pricing is the same as standard pdfFactory, with the same schedule of quantity discounts. See the Web site for complete details.

Installation - Server

Installing pdfFactory Enterprise on a server does the following:

- installs printer drivers for Windows 9x/Me and NT/2000/XP on the server
- installs the pdfFactory printer on the server and creates an "PDFFACT" share which clients can access
- installs the full pdfFactory product for use on the server itself

To install PFE on a server:

- download FPPExxx.EXE (where "xxx" is the pdfFactory version number) from FinePrint's Web site to your NT/2000/XP server
- customize the FPP1.INI file as necessary for your installation (see the section "Customizing FPP1.INI" for details). FPP1.INI allows you to configure pdfFactory on your system. It is processed when you install PFE on the server and also when a client connects to the PDFFACT share. FPP1.INI must reside in the same directory as FPPExxx.EXE when you install PFE on your server.
- run FPPExxx.EXE to install PFE on your server

Customizing FPP1.INI

pdfFactory Enterprise uses the FPP1.INI file to preconfigure pdfFactory settings on both the server machine and on all client machines. Here are some things you can do with FPP1.INI:

- enter your pdfFactory serial number so that clients do not have to enter it on pdfFactory's "About" tab
- initialize the paper size (e.g. Letter or A4) of the pdfFactory printer
- specify font embedding options

FPP1.INI is in standard Windows INI format. pdfFactory parses FPP1.INI and copies information from the file into pdfFactory's sections in the system registry. The major sections of FPP1.INI are:

- [Settings], which is used to enter serial number information
- [Registry], which enters registry information on all platforms
- [Registry-9x], which enters registry information on Windows 9x/Me systems
- [Registry-NT], which enters registry information on Windows NT/2000/XP systems

Here is a sample FPP1.INI file which enters the serial number, sets the paper size to A4 in Portrait orientation, and specifies that the font "Dom Casual" should be embedded by default when users create PDF files:

```
[Settings]
Name=your company name
SerialNumber=xxxx-xxxx-xxxx

[Registry]
HKCU\SOFTWARE\FinePrint Software\pdfFactory\FinePrinters\*\PrinterDriverData\PaperSize=9
HKCU\SOFTWARE\FinePrint Software\pdfFactory\FinePrinters\*\PrinterDriverData\Orientation=1
HKCU\Software\FinePrint Software\pdfFactory\Fonts\Dom Casual=1
```

Some notes on FPP1.INI entries:

- if you want, you can customize the pdfFactory printer name to your particular environment. The example here uses the regular expression "*" to tell PFE that all pdfFactory printers should inherit these settings. To specify settings for a specific pdfFactory printer, just use its name instead of "*" in the INI entry.
- PaperSize in the PrinterDriverData section can be any of the predefined DMPAPER_XXX values defined in WINDOWS.H or WINGDI.H. The most common values are 1 (Letter) and 9 (A4).
- Orientation in the PrinterDriverData section is 1 for portrait and 2 for landscape
- you may make further changes to FPP1.INI on the server after PFE is already installed. Changes made after installation will *not* affect existing client connections, but they will affect all future client connections. FPP1.INI is located on the server in

`\WINNT\SYSTEM32\SPOOL\DRIVERS\WIN40\0` (for 9x/Me clients)

`\WINNT\SYSTEM32\SPOOL\DRIVERS\W32X86\2` (for NT/2000/XP clients)

A good way to build your FPP1.INI file is to configure the server directly using the pdfFactory UI (either print to pdfFactory on the server, or open the pdfFactory driver in the Printers folder). Once you have configured all the settings you want (e.g. paper size, font embedding, etc.), go to the Settings tab and click "Save Settings". This will create an FPP1.INI file containing pdfFactory's current settings, in your pdfFactory files folder (which you can access via the "Explore saved PDF files" shortcut in the program group). Then edit FPP1.INI manually to complete the customization and copy it to the above locations for your future client connections.

Installation - Client

Client installation of pdfFactory Enterprise is simply a matter of connecting to a shared network printer. This can be done via Network Neighborhood or the Add Printer Wizard in the Printers folder.

Automatic Client Updates

When you install a new version of pdfFactory Enterprise on your server, the connected clients are automatically updated with the new version. However, these updates are only performed when the client machine is rebooted or when a new user is logged on. This is by design, to keep the amount of network traffic generated by pdfFactory very low.

Registered vs. Unregistered

The version of pdfFactory Enterprise on the FinePrint Software Web site is an unregistered version. It contains all pdfFactory features but is intended for evaluation purposes only. Once you have purchased user licenses for PFE you will receive a serial number which will register your current and new PFE users.

Uninstallation

pdfFactory Enterprise can easily be removed from a client workstation by simply deleting the pdfFactory printer from the Printers folder. Administrators can uninstall by running the "Uninstall pdfFactory" item in the pdfFactory program group, or by choosing "pdfFactory" from Control Panel Add/Remove Programs.

Registry Use

pdfFactory creates the following registry keys on both the server and client machines:

HKLM\Software\Microsoft\Windows\CurrentVersion\AppPaths
HKLM\Software\Microsoft\Windows\CurrentVersion\Run
used by the pdfFactory Dispatcher

HKLM\Software\Microsoft\Windows\CurrentVersion\Uninstall
used by Control Panel Add/Remove Programs

HKLM\Software\FinePrint Software\pdfFactory
global pdfFactory settings which affect all users

HKCU\Software\FinePrint Software\pdfFactory
HKU\xxx\Software\FinePrint Software\pdfFactory
user-specific pdfFactory settings

Program and Data Files

On a Windows 9x/Me client, pdfFactory program files are located in
\WINDOWS\SYSTEM

On an NT/2000/XP client, program files are located in
\WINNT\SYSTEM32
\WINNT\SYSTEM32\SPOOL\DRIVERS\W32X86\2

On an NT/2000/XP server, program files are located in
\WINNT\SYSTEM32
\WINNT\SYSTEM32\SPOOL\DRIVERS\W32X86\2
\WINNT\SYSTEM32\SPOOL\DRIVERS\WIN40\0

Saved PDF files are stored in the "pdfFactory files" folder in each user's My Documents folder.

Other Files

pdfFactory creates a program group in each user's Start menu, and creates a shortcut to the pdfFactory printer in each user's Send To folder. These file locations can be found in the registry at

HKCU\Software\Microsoft\Windows\CurrentVersion\Explorer\Shell Folders
(StartMenu and SendTo).

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