



Quick Start Guide for AFP2PDF Plus

Quick Start Guide for AFP2PDF Plus, Version 1.301

Overview

This quick start guide helps you cover the basic instructions on using the AFP2PDF Plus Transform. The document is available from the installer or from the [RICOH Software Information Center](#).

Use these instructions when running the transform on a Windows/AIX/Linux/zOS USS/zLinux operating system. For more information regarding the transform, see the [AFP2PDF Plus Transform User's Guide](#), also available in the install directory.

AFP2PDF Plus Version

To identify the transform version, use:

For Windows: **afp2pdf.bat -version**

For Unix: **afp2pdf.sh -version**

For example:

```
AFP2PDF: Version 1.200.04
```

Trial version

To run the trial version of the AFP2PDF Plus Transform:

1. Use the following certificate files:
 - AFP2PDF.cer
 - AFP2PDF.pk
 - AFP2PDF.sig
2. Copy the certificate files in the installation directory.

To request the trial version and the certificate files, contact Advanced Technical Support at ATS@ricoh-usa.com.

Initial Setup

No installation process is required when using the AFP2PDF Plus Transform for the first time.

1. Create a directory of your choice, such as:

C:\afp2pdf

For Windows.

/afp2pdf

For Unix.

2. Copy and unzip **afp2pdf_plus_vxxx_WIN.ZIP** (for Windows) or uncompress and unpack **afp2pdf_plus_vxxx_yyy.tar.gz** (for Unix) into the new directory.

↓ **Note**

- If you are on a Unix system, use `gzip -d afp2pdf_plus_vxxx_yyy.tar.gz` to create an `afp2pdf_plus_vxxx_yyy.tar` file, then unpack the file.

See the chapter **Installing AFP2PDF Plus Transform on a Windows Server** or **Installing AFP2PDF Plus Transform on a UNIX Server** from the [AFP2PDF Plus Transform User's Guide](#), for more details.

AFP2PDF Plus Transform Command

To run the AFP2PDF Plus Transform, you can use 2 options:

- **Command line process**

For Windows: `afp2pdf.bat`

For Unix: `afp2pdf.sh`

- **Server process**

For Windows: `afp2pdf.exe`

For Unix: `afp2pdf`

↓ **Note**

- This option must be used for the server version of the transform. Make sure that the server is running.

To start the server process from command line, use:

For Windows: `StartAFP2PDFServer.bat`

For Unix: `StartAFP2PDFServer.sh`

↓ **Note**

- To start a background process, use `nohup StartAFP2PDFServer.sh &` for Unix or `start /b StartAFP2PDFServer.bat` for Windows.
- If you do not start the server as a background process, do not close the command prompt window. To submit jobs to the server, open another command prompt window.
- If you see this error message, the server process may not be running: `Error: cannot connect to host localhost on port number 6512`

For more information, see the chapter **Using the AFP2PDF Plus Transform** from the [AFP2PDF Plus Transform User's Guide](#).

Testing the AFP2PDF Plus Transform

Testing with the command line version

To create an output file with the same name and a `.pdf` file extension, use a separate window to run the following:

- For Windows: `afp2pdf.bat insure.afp`
- For Unix: `afp2pdf.sh insure.afp`

Testing with the server version

- For Windows: `StartAFP2PDFServer.bat`
- For Unix: `StartAFP2PDFServer.sh`

To test the server version:

1. Start the server process. Keep the window open.
2. Create an output file with the same name and a `.pdf` file extension:
 - For Windows: `afp2pdf.exe insure.afp`
 - For Unix: `afp2pdf insure.afp`

Upgrading from C/C++ AFP2PDF transform to AFP2PDF Plus

AFP2PDF Plus Transform was designed to be plug-in compatible with the previous version of the transform, C/C++ AFP2PDF transform.

To upgrade from the C/C++ AFP2PDF transform to AFP2PDF Plus, you can choose either of these methods:

- **Using the `upgrade.jar` file**

`Upgrade.jar` creates a backup of the C/C++ AFP2PDF transform and replaces it with AFP2PDF Plus.

For more information on how to use this option, see the chapter **Upgrading from AFP2PDF to AFP2PDF Plus Transform** from the [AFP2PDF Plus Transform User's Guide](#).

- **Installing the AFP2PDF Plus on the same physical server or on a separate new physical server**

Leaves the C/C++ AFP2PDF transform intact and installs AFP2PDF Plus to run in parallel with the C/C++ version.

In this case, to upgrade to AFP2PDF Plus, follow these steps:

1. Unpack the AFP2PDF Plus into a new directory, separate from the current C/C++ AFP2PDF transform installation.
2. Rename the font directory in the AFP2PDF Plus installation directory.
3. Copy the font directory from the C/C++ AFP2PDF transform installation to the new AFP2PDF Plus install directory.

 **Note**

- This may contain font mapping, previously used with the C/C++ AFP2PDF transform.
4. AFP2PDF Plus can be installed:

On the same physical server:

On the same physical server:

The current resource locations of C/C++ AFP2PDF transform can be referenced directly from `a2pxopts.cfg`.

- 1) Copy the resource locations from the C/C++ AFP2PDF transform .cfg or .ini file.
- 2) Add them to the AFP2PDF Plus a2pxopts.cfg file.

On a separate new physical server:

- 1) Copy all resources to the new server: AFP resources, Type1 fonts, Truetype fonts.
- 2) Keep a note of the new resource locations from the C/C++ AFP2PDF transform .cfg or .ini file.
- 3) Add them to the AFP2PDF Plus a2pxopts.cfg file.

AFP2PDF Plus Transform Option Parameters

Parameters to control settings for the AFP2PDF Plus Transform are specified in a a2pxopts.cfg options file. The most important parameters are:

Auto_Rotate=	Rotates landscape pages.
Font_Path=	Specifies the location of the font mapping file.
Logging=Append,C:\temp,WARNING	Creates a log file.
PfmPfb_Directory=	Indicates the location of Type1 fonts.
ResourceDataPath=	Specifies the AFP resource directories. <div style="border: 1px solid blue; border-radius: 10px; padding: 2px; display: inline-block; margin-top: 5px;"> ↓ Note </div> <ul style="list-style-type: none"> Each path is delimited by a semicolon (;).
TrueType_Directory=	Indicates the location of TrueType fonts.

Setting the Java classpath parameter

When running the transform from another directory, you can customize the batch file or shell script to set the *classpath* Java parameter.

If you installed AFP2PDF Plus following the steps from the [Initial Setup, p. 2](#), use these commands to set to install directory:

For Unix: `-classpath "/afp2pdf/*:"`

For Windows: `-classpath "C:\afp2pdf*;"`