



# Quick Start Guide for AFP2PDF Plus

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# Quick Start Guide for AFP2PDF Plus, Version 1.300

## 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/HPUX/Solaris/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](mailto: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.

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↓ **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`

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## 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;"> <span style="color: blue;">↓</span> <b>Note</b> </div> <ul style="list-style-type: none"> <li>Each path is delimited by a semicolon (;).</li> </ul>
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\*;"`