RICOH

RICOH Transforms Suite

PDF2PDFUA Tool Setup Guide

Overview 1

Installing the PDF2PDFUA Tool 2

Version 1.5

For information not in this manual, refer to the Help System in your product.

TABLE OF CONTENTS

Introduction

Important 2
Cautions regarding this guide 2
Publications for this Product 2
Symbols 2
Abbreviations 3
Trademarks 3

1 Overview

Benefits 5
Limitations 5
Requirements 5

2 Installing the PDF2PDFUA Tool

Installing PDF2PDFUA using the graphic user interface 7
Installing a Permanent License 7
Installing on AIX or Linux from the command line 11
Installing a permanent license on AIX or Linux 11

Introduction

Important

To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this product, losses of documents or data, or the use or non-use of this product and operation manuals provided with it.

Make sure that you always copy or have backups of important documents or data. Documents or data might be erased due to your operational errors or malfunctions of the software. Also, you are responsible for taking protective measures against computer viruses, worms, and other harmful software.

In no event will the manufacturer be responsible for any documents created by you using this product or any results from the data executed by you.

Cautions regarding this guide

- Some illustrations or explanations in this guide could differ from your product due to improvement or change in the product.
- The contents of this document are subject to change without notice.
- No part of this document may be duplicated, replicated, reproduced in any form, modified, or quoted without prior consent of the supplier.

Publications for this Product

This publication provides an overview of the tool, and information about the installation and the use of the PDF2PDFUA tool.

Instruction manuals

For more information about the PDF2PDFUA tool, see these documents:

- *PDF2PDFUA Setup Guide*
- *PDF2PDFUA User's Guide*

Symbols

The following symbols are used in this manual to help you to identify content quickly.



- This symbol indicates points to pay attention to when using the product. Be sure to read these explanations.

Note

- This symbol indicates helpful supplementary information that is not essential to completing a task.

Abbreviations

AES

Advanced Encryption Standard

AFP

Advanced Function Presentation

PDF

Portable Document Format

UA

Universal Accessibility

WCAG

Web Content Accessibility Guideline

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UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product, or service names may be trademarks or service marks of others.

1. Overview

- **Benefits**
- **Limitations**
- **Requirements**

Use the PDF2PDFUA tool together with a PDF2PDFUA control file to transform an input PDF file to a PDF/UA compliant file. The ISO standard 14289 describes the technical requirements so that a PDF file is PDF/UA compliant. The W3C's Web Content Accessibility Guidelines (WCAG) was written considering the Web content. It contains principles, guidelines and success criteria on how to create content that can be accessible. The requirements for the PDF/UA standard are complementary to the WCAG 2.0 success criteria and are therefore compliant with its requirements.

Benefits

If you already have a PDF document non-compliant with the PDF/UA standards, you can use the command line to transform the file into a PDF/UA compliant.

If you run the PDF2PDFUA Tool from the AFP2PDF Plus Transform, you can generate PDF/UA compatible document from an input AFP file.

Limitations

- The PDF2PDFUA transform cannot create a PDF/UA compliant file if some technical requirements are not met. For more information, see "Ensuring PDF/UA and WCAG compliance" in the *PDF2PDFUA Tool: User's Guide*.
- **Allowed writing systems**

  The only writing system currently supported is left-to-right and top-to-bottom. Any other language that has a different writing systems, such as right-to-left (Arabic or Hebrew) or bottom-to-top (Traditional Chinese or Vietnamese) is not supported yet.

Requirements

The PDF2PDFUA Tool requires JAVA v1.8 or later. To convert an AFP file to a PDF/UA compliant PDF file, make sure the AFP2PDF Plus Transform is installed on your system.

For more information on the technical requirements that an input file must meet to have the output PDF/UA compliant, see *PDF2PDFUA User's Guide*.

2. Installing the PDF2PDFUA Tool

- **Installing PDF2PDFUA using the graphic user interface**
- **Installing a Permanent License**
- **Installing on AIX or Linux from the command line**
- **Installing a permanent license on AIX or Linux**

Installing PDF2PDFUA using the graphic user interface

You must install PDF2PDFUA on the system where you plan to run PDF2PDFUA.

To install PDF2PDFUA:

1. Download `RTS--pdf2pdfua-1.4.3--pdf2pdfua_win.exe` on Windows and `RTS--pdf2pdfua-1.4.3--pdf2pdfua_linux.bin` or `RTS--pdf2pdfua-1.4.3--pdf2pdfua_aix.bin` on Unix.
2. To start the installation on a Windows operating system, log in as an administrator and double-click `RTS--pdf2pdfua-1.4.3--pdf2pdfua_win.exe`.
3. On the **Introduction** screen, click **Next** to continue the installation process of the transform.

   Note

   - To stop the installation process of the transform, click **Cancel**.
4. In the **License Agreement** dialog box:
   1. Read the license agreement.
   2. Click **I accept the terms of the license agreement**.
   3. Click **Next**.

   Note

   - If you do not accept the terms of the license agreement, you cannot continue the installation.
5. In the **Get User Input** select one of the options depending on your needs and continue the installation steps.
6. Then, choose the installation folder.
   You can either select **Stand-alone PDF2PDFUA** or **Integrated with AFP2PDF Plus**.
7. The pre-installation summary panel appears just before the installation can begin. This shows what you have chosen to install and the location.
   To complete the installation process, click **Install**.

   The installing dialog is displayed to show the installation status.
8. Click **Done** to close the installer.

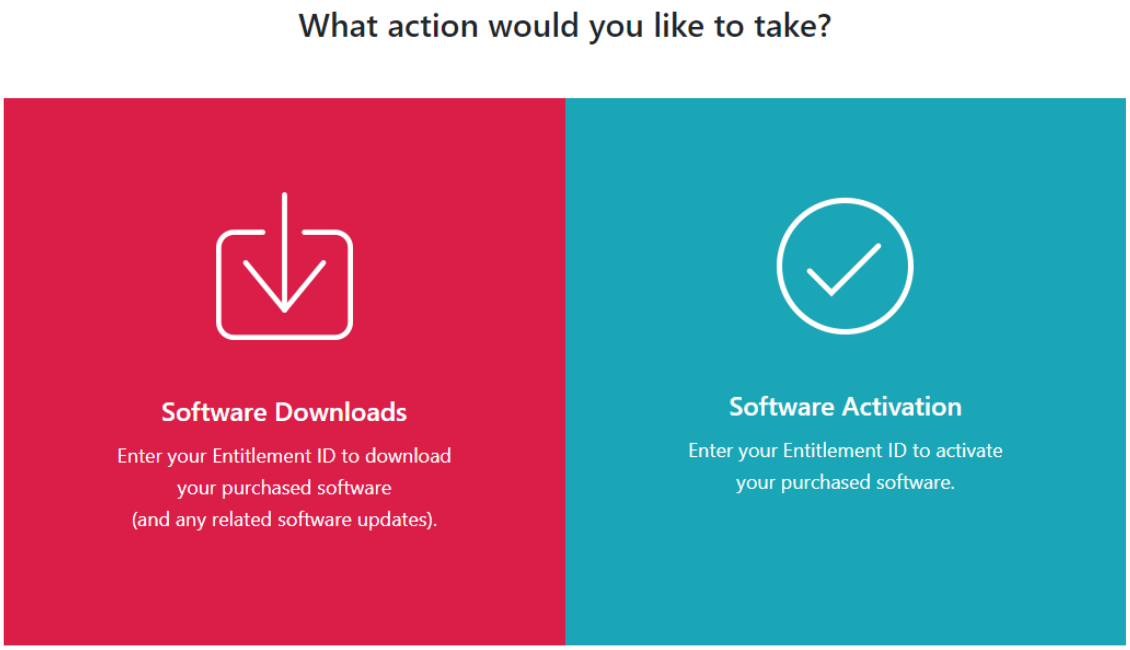
Installing a Permanent License

To continue using PDF2PDFUA Plus after the trial license expires, you must install a permanent license on the computer where the product is installed. The permanent license is valid only on this computer.

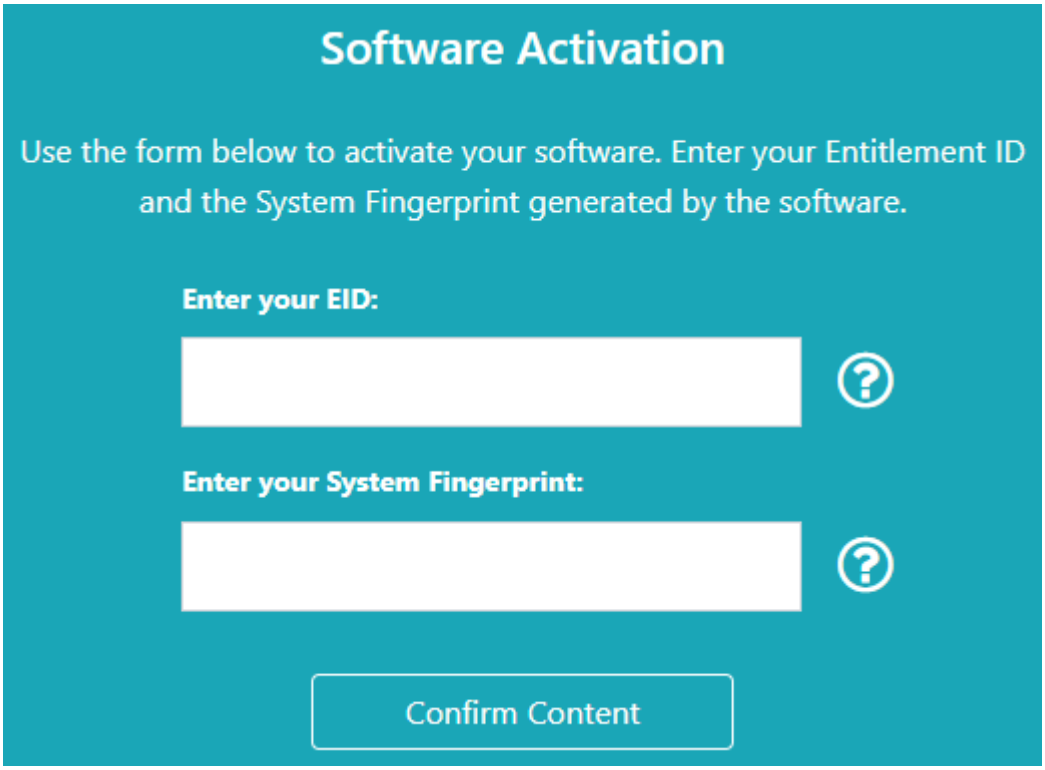
To install a permanent license for PDF2PDFUA:

1. Run the license management tool `PDF2PDFUALicenseManager.exe` on Windows located in the `license_installer` folder where PDF2PDFUA is installed, and follow the installation steps.

2. When prompted **You can either install a new license or revoke the currently installed one.**, select **Install License - Upload and apply a new license file.**
3. Make sure that you have the e-mail containing the entitlement ID (EID) that you received from Ricoh.
4. If the computer where PDF2PDFUA is installed does not have Internet access:
    1. Do not close the license application on the computer where PDF2PDFUA is installed.
    2. Log into a computer that has Internet access.
    3. Use the Remote Desktop Connection to connect to the computer where PDF2PDFUA is installed.
    4. Log in with the same user name and password that you used when you started the license application.
5. On the computer that has Internet access, go to this Web site: https://dl.ricohsoftware.com.



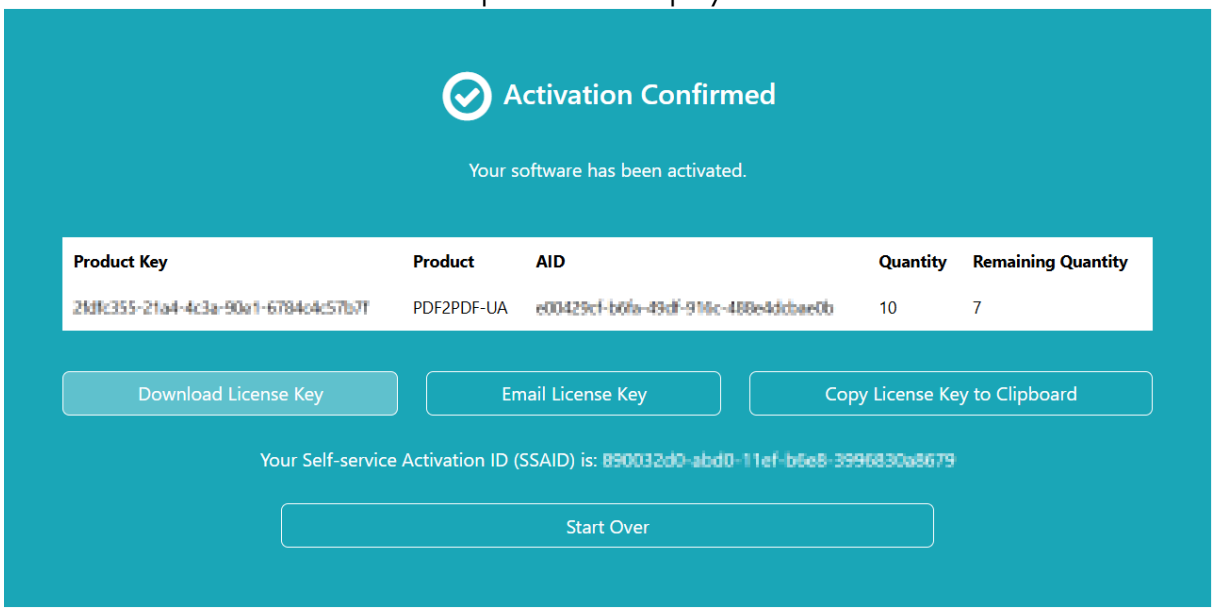
6. Click **Software Activation** on the right side of the screen.
7. In the **Software Activation** dialog, insert the EID and the system fingerprint.



1. Copy and paste the EID from the e-mail you received from Ricoh.
2. Return to the license management tool on the computer where PDF2PDFUA is installed. Copy your machine fingerprint field. This action copies the 16-character system fingerprint that uniquely identifies the computer where PDF2PDFUA is installed to the clipboard.
3. Return to the Software Activation webpage. Paste the system fingerprint in the **Enter your System Fingerprint** field.
4. Click **Confirm Content**.

8. In the **Activation Content Confirmation** dialog:
   1. Review the confirmation information.
   2. Click **Activate**.

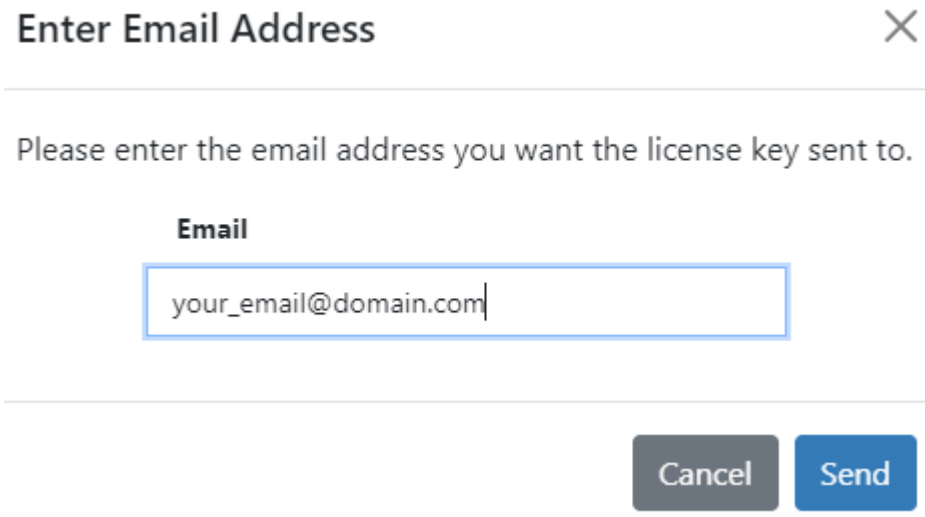
You will receive a confirmation that your software has been activated. A license key is generated with an Activation ID for the client computer and is displayed on the screen.



Note

The number of activations of the license is displayed under **Quantity**. The remaining number of activations available for this license is displayed under **Remaining Quantity**.

9. To download the license key, click **Download License Key**. The saving procedure and file type are different for each browser. Record the folder where you saved the license key.
10. To e-mail the license key file to someone else, click **Email License Key**.



1. Type the e-mail address.
2. Click **Send**.

11. If you are finished, close the browser tab. To restart the process, click **Start Over**.
12. If you accessed the Internet from a different computer than the one where PDF2PDFUA is installed, copy the license file to the computer where PDF2PDFUA is installed.

13. Run the license management tool on the system where PDF2PDFUA is installed, follow the installation steps and select **Install License - Upload and apply a new license file.** → **Install**.
14. After the license management tool displays your machine fingerprint, click **Next**.
15. Locate the license file and click **Open**.
16. Select **Next**.
17. Review the installation summary and click **Install**.
    You see a message that the license was installed successfully.
18. You can start using the PDF2PDFUA transform.

Installing on AIX or Linux from the command line

To start the command line installer, follow these steps:

1. Download `RTS--pdf2pdfua-1.4.3--pdf2pdfua_linux.bin` or `RTS--pdf2pdfua-1.4.3--pdf2pdfua_aix.bin`.
2. Add execution rights. Use the shell command `chmod +x RTS--pdf2pdfua-1.4.3--pdf2pdfua_linux.bin` or `chmod +x RTS--pdf2pdfua-1.4.3--pdf2pdfua_aix.bin`.
3. The installer uses the `/tmp` folder and you must make sure that it has writing writes and enough space.
4. Run the command `./RTS--pdf2pdfua-1.4.3--pdf2pdfua_linux.bin` or `./RTS--pdf2pdfua-1.4.3--pdf2pdfua_aix.bin` to start the installation process, then follow the installation steps.

Installing a permanent license on AIX or Linux

To install a permanent PDF2PDFUA license on AIX or Linux:

1. Go to the "license_installer" folder located in the PDF2PDFUA installation folder where you can find the license manager tool.
2. Make sure that the license manager tool has execution rights. If it does not have execution rights, run: `chmod +x PDF2PDFUALicenseManager.bin`.
3. Start the license manager by running `./PDF2PDFUALicenseManager.bin` and follow the steps indicated.
4. You must enter the location of the PDF2PDFUA installation folder, and you will receive a fingerprint.
5. Follow the steps 5-11 from the Installing a Permanent License, p. 7.
6. Specify the location of the license key in the License manager.

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