
Customer Reference Document: RICOH Transforms Suite v1.4

Overview

The RICOH Transforms Suite consists of 7 separate programs. These are:

- RICOH PS2PDF (5876-W04)
- RICOH PCL2PDF (5876-W05)
- RICOH AFP Merge (5876-W08)
- RICOH AFP2PDF Plus (5876-W11)
- RICOH Line2PDF Plus (5876-W12)
- RICOH AFP Visual Environment (5876-W13)
- RICOH TIFF2PDF Plus (5876-W14)

Enhancements in this Release V1.4

Improvements in 1.4 include

- AFP2PDF Plus:
 - Added new configuration file option to Concatenate PDF Files.
 - Add option to ignore object area size of bar code objects
 - Added support for PDF/A 2 and PDF/A 3 compliance level b
 - Customers now have the ability to deploy a trial of the transform
- PCL2PDF
 - Updated the product to use GhostPCL 9.50
- PS2PDF
 - Updated the product to use GhostScript 9.50
- AFP2PDF Plus, AVE, Line2PDF Plus, Tiff2PDF Plus, AFPMerge - Migrated to OpenJDK

Item Numbers

Item	Description
5876-W04	RICOH PS2PDF
5876-W04-OC001	OPTION CLASS - RICOH OPTIONAL FEATURES
5876-W04-0001	RICOH PS2PDF

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Item	Description
5876-W05	RICOH PCL2PDF
5876-W05-OC001	OPTION CLASS - RICOH OPTIONAL FEATURES
5876-W05-0001	RICOH PCL2PDF

Item	Description
5876-W08	RICOH AFP MERGE
5876-W08-OC001	OPTION CLASS - RICOH OPTIONAL FEATURES
5876-W08-0001	RICOH AFP MERGE
5876-W08-OC002	OPTION CLASS - RICOH UPGRADE FEATURES FOR UPGRADE FROM PROFESSIONAL SERVICES IMPLEMENTATION
5876-W08-U0001	RICOH AFP MERGE UPGRADE
5876-W08-U0002	RICOH AFP MERGE RESTRICTED USE UPGRADE

Item	Description
5876-W11	RICOH AFP2PDF PLUS
5876-W11-OC001	OPTION CLASS - RICOH OPTIONAL FEATURES
5876-W11-0001	RICOH AFP2PDF PLUS
5876-W11-OC002	OPTION CLASS - RICOH UPGRADE FEATURES
5876-W11-U0001	RICOH AFP2PDF PLUS UPGRADE
5876-W11-U0002	RICOH AFP2PDF PLUS RESTRICTED USE LICENSE UPGRADE
5876-W11-OC018	UPGRADE FROM AFP2PDF to AFP2PDF PLUS
5876-W11-U0010	UPGRADE FROM AFP2PDF to AFP2PDF PLUS
5876-W11-U0011	UPGRADE FROM AFP2PDF to AFP2PDF PLUS RU

Item	Description
5876-W12	RICOH LINE2PDF PLUS
5876-W12-OC001	OPTION CLASS - RICOH OPTIONAL FEATURES
5876-W12-0001	RICOH LINE2PDF PLUS
5876-W12-OC002	OPTION CLASS RICOH UPGRADE FEATURES

5876-W12-U0001	RICOH LINE2PDF PLUS UPGRADE
5876-W12-U0002	RICOH LINE2PDF PLUS UPGRADE RESTRICTED USE LICENSE
5876-W12-OC018	UPGRADE FROM LINE2PDF to LINE2PDF PLUS
5876-W12-U0010	UPGRADE FROM LINE2PDF to LINE2PDF PLUS
5876-W12-U0011	UPGRADE FROM LINE2PDF to LINE2PDF PLUS RU

Item	Description
5876-W13	RICOH AFP VISUAL ENVIRONMENT
5876-W13-OC001	OPTION CLASS RICOH OPTIONAL FEATURES
5876-W13-0001	RICOH AFP VISUAL ENVIRONMENT
5876-W13-OC002	OPTION CLASS RICOH UPGRADE FEATURES
5876-W13-U0001	RICOH AFP VISUAL ENVIRONMENT UPGRADE
5876-W13-U0002	RICOH AFP VISUAL ENVIRONMENT RESTRICTED USE UPGRADE

Item	Description
5876-W14	RICOH TIFF2PDF PLUS
5876-W14-OC001	OPTION CLASS RICOH OPTIONAL FEATURES
5876-W14-0001	RICOH TIFF2PDF PLUS
5876-W14-OC002	OPTION CLASS RICOH UPGRADE FEATURES
5876-W14-U0001	RICOH TIFF2PDF PLUS UPGRADE
5876-W14-U0002	RICOH TIFF2PDF PLUS RESTRICTED USE UPGRADE

Program Descriptions:

RICOH PS2PDF (5876-W04)

PS2PDF allows you to transform PostScript V3 files into text searchable Adobe® Acrobat Portable Document Format (PDF) files. It is invoked via a command line interface and runs on Windows and AIX.

RICOH PCL2PDF (5876-W05)

PCL2PDF allows you to transform PCL files into text searchable Adobe Acrobat Portable Document Format (PDF) files. It is invoked via a command line interface and runs on Windows and AIX.

RICOH AFP2PDF Plus (5876-W11)

The AFP2PDF Plus Transform converts Advanced Function Presentation (AFP) documents into Adobe Acrobat Portable.

The AFP2PDF Plus Transform lets you:

- Operate on any system that supports JAVA Version 1.7 or later.
- Integrate multiple servers with little or no client workstation modification. The AFP2PDF Plus transform runs on your Web server or other back-end application server.
- View documents with the same fidelity as if they were printed. If the Adobe Acrobat plug-in is installed with a Web browser, you can view and print these documents within the browser application.
- Use configuration files to customize how AFP documents are transformed.
- Fully integrate with the IBM Content Manager OnDemand (CMOD) Web Enablement Kit and IBM Content Navigator.

The AFP2PDF Plus Transform gives you these added benefits:

- Client / Server implementation
- Greatly improved transformation speed over AFP2PDF (5876-W01).
- Larger than 2 GB input and output file support.
- Supports IBM Content Manager OnDemand (CMOD) Page Piece Dictionary Indexing.
- Reduce costs associated with printing and mailing by delivering documents electronically.
- Quickly retrieve your information within multi-page documents using Adobe Acrobat search and navigation features.
- Print AFP2PDF Plus Transform documents on any local printer using the print function in Adobe Acrobat.
- Increase control over your information with an added layer of security and encryption. Define an owner password to control modification, copying and printing; define an end-user password to control document access; and add a digital signature to provide more security.

RICOH Line2PDF Plus (5876-W12)

The Line2PDF Plus Transform converts simple line data documents into Adobe Acrobat Portable Document Format (PDF) files.

The Line2PDF Plus transform lets you:

- Operate on any system that supports JAVA Version 1.6 or later.
- Integrate multiple servers with little or no client workstation modification. The Line2PDF Plus transform runs on your Web server or other back-end application server.
- View documents with the same fidelity as if they were printed. If the Adobe Acrobat plug-in is installed with a Web browser, you can view and print these documents within the browser application.
- Fully integrate with the IBM Content Manager OnDemand (CMOD) Web Enablement Kit and IBM Content Navigator.

The Line2PDF Plus Transform gives you these added benefits:

- Client / Server implementation
- Greatly improved transformation speed over Line2PDF (5876-W02).
- Larger than 2 GB input and output file support.
- Reduce costs associated with printing and mailing by delivering documents electronically.
- Quickly retrieve your information within multi-page documents using Adobe Acrobat search and navigation features.
- Print Line2PDF Plus Transform documents on any local printer using the print function in Adobe Acrobat.

RICOH TIFF2PDF Plus (5876-W14)

TIFF2PDF converts both single and multi-page TIFF files in Adobe Acrobat Portable Document Format (PDF) files.

RICOH AFP Merge (5876-W08)

AFP Merge combines multiple AFP input files into a single AFP output file with a combined resource group suitable for printing. It contains sophisticated resource comparison capability that allows it to determine when resources are identical. All AFP resources are renamed and only one version of the resource is added to the AFP resource group. The appropriate AFP file resource references are also changed.

RICOH AFP Visual Environment (5876-W13)

The AFP Visual Environment is a powerful JAVA based tool that allows you to manipulate and modify Advanced Function Presentation (AFP) documents. It consists of:

- AFP Visual Indexer, which allows you to define and insert Tagged Logical Element (TLE) values
- AFP Visual Editor, which gives you the ability to insert text into the AFP document, along with masking sensitive data.
- AFP Pipeline Manager, which allows to run JAVA based AFP “filters” programs to manipulate the AFP to fix a variety of data stream problems or enhance it with additional information.

RICOH Transforms Suite Requirements

- PS2PDF (5876-W04) and PCL2PDF (5876-W05)
 - Microsoft Windows Server 2016 Std.
 - Windows 10 Pro, Enterprise
 - IBM AIX V7.1 or later
- AFP Merge (5876-W08), AFP2PDF Plus (5876-W11), Line2PDF Plus (5876-W12), AFP Visual Environment (5876-W3), and TIFF2PDF Plus (5876-W14)
 - JAVA V1.7 or later
- AFP2PDF Plus (5876-W11) and Line2PDF Plus (5876-W12) Client Code
 - IBM AIX V7.1 or later
 - IBM z/OS UNIX System Services V1.13 or later
 - Microsoft Windows Server 2016 Std.
 - Windows 10 Pro, Enterprise
 - Linux Kernel V2.6.18 or later (x86)
 - Linux Kernel V2.6.09 or later (IBM System z)
 - Oracle Solaris V10.9 or later (SPARC only)

Publications

All publications are downloadable from the RICOH Software Information Center

<https://help.ricohsoftware.com/swinfocenter/>

The following publications support the Transforms Suite:

- RICOH AFP2PDF Plus Transform User's Guide

Language Support

The Transforms Suite is available in English.

Customer Responsibilities

The customer is responsible for installing, configuring, maintaining and using this product according to documented procedures, and for using the product in accordance with the Ricoh Software License Agreement, which can be found at this Web link:

[Software License Agreements](#) or

[https://help.ricohsoftware.com/swinfocenter/ricoh-software-licenses/en-US/swlicenses.ditamap/\\$/licenseshome](https://help.ricohsoftware.com/swinfocenter/ricoh-software-licenses/en-US/swlicenses.ditamap/$/licenseshome)

Additional customer responsibilities can be found in the “Software Support Handbook” under your responsibilities at this Web link:

[Support and Downloads](#) or

<https://www.ricoh-usa.com/en/support-and-download>

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Licensing:

The RSLA governs your use of the program. Your invoice serves as your License Confirmation as defined in the RSLA. These programs have a One-time-charge (OTC) for use of the program, and an annual (or multi-year if available) renewable charge for ongoing support, which includes telephone assistance, as well as access to updates and new releases of the program if you have a current software maintenance agreement in effect.

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Ricoh provides assistance via telephone and, if available, electronic access, only to your Information Systems (IS) technical support personnel during normal business hours (published prime shift hours) of your Ricoh support center. This assistance is not available to your end users. Ricoh provides Severity 1 assistance 24 hours a day, every day of the year.

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Limited Warranty

These products are warranted as stated in the Ricoh Software License Agreement

Marketing channels

Ricoh Sales Specialists

Warranty Period

The program is warranted for 90 days as stated in the Ricoh Software License Agreement.

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on the product accessibility compliance can be requested via the Web site at:

<https://www.ricoh-usa.com/en/about-us/social/accessibility>

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