
Customer Reference Document: RICOH Web Enablement Solutions Suite v1.2

Overview

The RICOH Web Enablement Solutions 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 V1.2:

RICOH AFP2PDF Plus (5876-W11)

Processing improvements such as:

- You can now use the installer for the AFP2PDF Plus transform, available on all operating systems. For more information regarding the installation steps, see Installing AFP2PDF Plus Transform from the AFP2PDF Plus Transform User's Guide, Version 1.200.
- Added the option to generate linearized (also known as Fast web view) PDF files. See Parameters from the AFP2PDF Plus Transform User's Guide, Version 1.200 for more information on linearization.
- Added the option to modify the barcode and text color through the configuration file. For more information, see FP2PDF Plus Transform Options File from the AFP2PDF Plus Transform User's Guide, Version 1.200.
- Added the -version command line option to indicate the version of the transform.
- Added support for the following:
 - Java 9 and later versions to avoid crashes.
 - Image caching when Preserve CMYK flag is set on False.
 - FNI (Font Index) that extends on multiple FNI structure fields.
 - Bookmarks_Csname parameter in the configuration option file.
 - Output_IndexInfo parameter in the options file to generate bookmarks for group-level
 - Tag Logical Elements (TLEs).
- Fixed the following issues:
 - Instances from the output file contained duplicate Type1 fonts.
 - Invalid values for the Logging parameter in the options file caused crashes.
 - GOCA presentation space with flipped top and bottom values.
 - In case of a missing requested medium map, use a default map and continue the transform process.
 - Added the option to use classpath to find Trial certificates and default options file.
- See the AFP2PDF Plus Transform User's Guide, Version 1.200 for more information on these

These new functions and updates are included in the tools shipped together with AFP2PDF Plus:

- Added the option to create and organize the index file data in the same document order as the input AFP file.
- Added the index attributes range from 5 to 10 (-i5..-i10 and -ix5..-ix10).
- Removed the restriction in both split_afp2pdf and archiveLoad_afp2pdf, where the AFP file must contain a Begin Document (BDT) structured field

RICOH AFP Visual Environment (5876-W13)

A new option for creating Page Groups in AFP Files:

- Update the White Space Trigger function to allow CMYK color space images
- Create a filter to add blank pages to page groups with odd numbers of pages

Item Numbers

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

| 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 Web Enablement Solutions 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 Information Center

<http://info.rpp.ricoh-usa.com/help/index.jsp>

The following publications support the Web Enablement Solutions Suite:

- RICOH AFP2PDF Plus Transform User's Guide

Language Support

The Web Enablement Solutions Suite is available in English.

Customer Responsibilities

The customer is responsible for installing, configuring, maintaining and using these products 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:

<http://info.rpp.ricoh-usa.com/help/index.jsp?topic=%2Fcom.infoprint.software.license%2Flicenseshome.html>

Terms and Conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with Ricoh are contained in the applicable contract documents, such as the Ricoh Software License Agreement and the Ricoh Software Maintenance Agreement for Production Printing Software.

Licensing

The Ricoh Software License Agreement governs your use of the program. These programs have a One-time-charge (OTC) for use of the program, and an annual or multi-year renewable charge for ongoing support, which includes telephone assistance, as well as access to updates and new releases of the program as long as support is in effect.

Software Support

The method to request support for these software products has changed. Software support requests should no longer be sent to the afp2web@ricoh-usa.com email address. Customers can contact Ricoh support 24/7 through standard Ricoh software support services in their country. Customers should contact their local Ricoh sales representative to get the support number for their country.

Maintenance Service Offerings

These products are covered by the Ricoh Software Maintenance Agreement for Production Printing Software.

This agreement applies for subscription and support (also referred to as software maintenance) when purchased with the software product or as a subsequent renewal of software maintenance. The software maintenance agreement does not require customer signatures.

While your software maintenance is in effect, RICOH provides assistance for routine, short-duration installation and usage (how to) questions and code-related questions. RICOH provides telephone assistance, and if available, electronic access, only to your Information Systems (IS) technical support personnel during normal business hours (published prime shift hours) of the RICOH support center. This assistance is not available to end users. RICOH provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult the Ricoh website at:

<http://rpp.ricoh-usa.com>

Software maintenance does not include assistance for the design and development of applications, your use of programs in other than their specified supported operating environment, or failures caused by products for which RICOH is not responsible under this 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:

<http://www.ricoh-usa.com/about/accessibility/accessibility.aspx?alnv=access>

Trademarks

These terms are trademarks or registered trademarks of Ricoh Co., Ltd., in the United States, other countries, or both:

- Advanced Function Presentation
- AFP
- InfoPrint
- Ricoh

These terms are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both:

- AIX
- PSF

Microsoft, Windows, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Adobe is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries.

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