Ricoh Web Enablement Solutions Suite Announcement

Overview

To participate in today's on demand environment, you may be looking for an efficient, cost effective solution in addition to paper-based communication. Ubiquitous access to the Internet allows your customers to access and view statements and invoices online when and where they want. With expanded use of the Internet, you can remain competitive, maintain customer relationships and satisfaction, and respond to customer needs—all while generating significant cost savings.

An electronic bill presentment program is your route to expanded online services and the Ricoh Web Enablement Solutions Suite can provide the key components. Developed by Ricoh's Professional Services organization and field tested in over five hundred customers world-wide, the solution provides a set of programs, each individually orderable, to help simplify your migration to electronic delivery of customer information. You can preserve original document fidelity while you serve up information such as monthly invoices or statements.

The Ricoh Web Enablement Solutions Suite can help you transform the Advanced Function Presentation™ (AFP) data stream and simple line data into PDF for Web browser viewing. You can make it easier for your customers to do business with you while helping to reduce your costs. Images and text can be quickly transformed and displayed on the screen with the same fidelity as if they were printed. When they view documents presented on the Web using the Ricoh Web Enablement Solutions Suite's programs, your customers can use search and navigation features to quickly retrieve information and easily maneuver within multi-page documents. Printing to any local printer is easy using the print function within Adobe Acrobat Reader.

The Web Enablement Solutions Suite's Ricoh AFP2PDF transform allows you to customize AFP document transformation for improved processing time and viewing. Configuration files can be created to substitute pre-generated graphics and images, such as logos, that regularly appear in your documents. They can also be used to add images to emulate preprinted forms. Use the configuration file to substitute AFP shaded areas with color backgrounds to improve the overall look of the viewed document.

Boost security by defining an owner password that has a default set of permissions for end-user actions with the PDF file. The owner password is designed to control whether or not the end user can modify the document's contents, copy text or graphics from the document, add or modify text annotations or print the document. You can also specify an end-user password, which must be entered before the document can be opened. The Ricoh AFP2PDF transform supports either 40-bit or 128-bit encryption. A user supplied digital signature can be applied to provide another layer of security. The standard transform ships with 40-bit encryption. If you need the 128-bit encryption, contact your Ricoh production specialist for more details.

The Web Enablement Solutions Suite's Ricoh Line2PDF transform allows you take simple line data and convert it so it can be viewed with Adobe Acrobat. Your text is quickly transformed and displayed on the

screen. Your customers, employees and Web clients can view line data documents online with the same fidelity as printed documents.

The Ricoh Web Enablement Solutions Suite transforms are designed to integrate easily with IBM DB2 Content Manager OnDemand and InfoPrint Manager for Windows/AIX. For those who want to use the Ricoh Web Enablement Solutions Suite transforms programmatically, the solution also provides command line interfaces and APIs.

With the Ricoh Web Enablement Solutions Suite transforms, you can enable electronic delivery with minimal changes to your production environment. Customers and employees do not need special software or hardware, as the transforms run on your Web server (or other back-end application server). Clients remain untouched. After the Ricoh Web Enablement Solutions Suite's transforms are installed on your server and integrated with your application, you and your customers can view the documents using Adobe Acrobat Reader.

The Ricoh Web Enablement Solutions Suite leverages the benefits of AFP, an industry-standard datastream for statements and other business documents. AFP's comprehensive system management of resources and error recovery can help streamline the document production process. Our experts will work with you to implement the transforms and streamline your journey to an on demand, online customer communication environment.

At-a-glance

Ricoh Web Enablement Solutions Suite can help you:

- Convert complex AFP and simple line data files into PDF for viewing.

- Easily integrates with IBM DB2 Content Manager OnDemand and InfoPrint Manager for Windows/AIX.
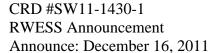
Brief Summary

The Ricoh Web Enablement Solutions Suite is a collection of transforms, each individually orderable, allow you to repurpose your printed output to Web-based formats. These transforms allow you to convert your AFP and simple line data into PDF. All transforms run on a variety of operating systems and are easily integrated with your existing software, including IBM DB2 Content Manager OnDemand and InfoPrint Manager for Windows/AIX.

Highlights
- Converts AFP and simple line data documents to PDF for immediate Web-browser viewing
- Requires no custom configuration on client workstations
- Ricoh AFP2PDF handles documents of high complexity, including Double Byte Character Sets
- Ricoh Line2PDF handles both ANSI and machine carriage control
- Supports PDF encryption, linearization, password protection and digital signatures
- All transforms install easily and run on a wide variety of platforms

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Announce and General Availability Dates

Planned Announce Date: December 16, 2011

Planned Availability Dates:

	US	Canada	EMEA	Asia Pacific	Latin America
	12/16/2011	12/16/2011	12/16/2011	12/16/2011	12/16/2011

Announcement Countries

The printer, features, and supplies will be announced in these countries on the dates indicated in the *Announcement Dates* and *Availability Dates* sections.

Country	Announcement
North America	
Canada	Yes
United States	
EMEA	
Austria	Yes
Belgium	
Denmark	Yes
Finland	Yes
France	Yes
Germany	Yes
Greece	Yes
Israel	Yes
Italy	Yes
Netherlands	Yes
Norway	Yes
Russia	Yes
South Africa	Yes
Spain	Yes
Sweden	Yes
Switzerland	Yes
Turkey	Yes
UK	Yes
AP	
Australia	Yes
Hong Kong	
India	Yes

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Country	Announcement
Korea	Yes
Malaysia	
PRC	Yes
Singapore	Yes
Taiwan	Yes
Japan	Yes
Latin America	
Argentina	Yes
Brazil	
Chile	Yes
Colombia	Yes
Mexico	Yes
Peru	Yes
Venezuela	Yes

Item Numbers

The Ricoh Web Enablement Solutions Suite will be announced in these countries on the dates indicated in the *Announcement Dates* and *Availability Dates* sections.

More detailed description of the transform item numbers is available in the *Description* section.

Ricoh Web Enablement Solutions Suite

5876-W01   Ricoh AFP2PDF Transform

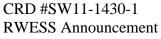| Item Number	Description
5876-W01	Ricoh AFP2PDF Transform
5876-W01-OC001	**Optional Features**
5876-W01-0001	Ricoh AFP2PDF Transform
5876-W01-OC003	**Supply Features**
5876-W01-E0001-AIX	Electronic Download: Ricoh AFP2PDF Transform for AIX
5876-W01-E0001-LNX	Electronic Download: Ricoh AFP2PDF Transform for Linux
5876-W01-E0001-WIN	Electronic Download: Ricoh AFP2PDF Transform for Windows
5876-W01-OC004	**Ricoh AFP2PDF Transform Maintenance 1 Year Registration**
5876-W01-0001-1REG	Ricoh AFP2PDF Transform
5876-W01-OC005	**Ricoh AFP2PDF Transform Maintenance 1 Year Renewal**
5876-W01-0001-1REN	Ricoh AFP2PDF Transform
5876-W01-OC006	**Ricoh AFP2PDF Transform Maintenance 1 Year After License**
5876-W01-0001-1AFT	Ricoh AFP2PDF Transform

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Item Number	Description
5876-W01-OC007	**Ricoh AFP2PDF Transform Maintenance 3 Year Registration**
5876-W01-0001-3REG	Ricoh AFP2PDF Transform
5876-W01-OC008	**Ricoh AFP2PDF Transform Maintenance 3 Year Renewal**
5876-W01-0001-3REN	Ricoh AFP2PDF Transform
5876-W01-OC009	**Ricoh AFP2PDF Transform Maintenance 3 Year After License**
5876-W01-0001-3AFT	Ricoh AFP2PDF Transform
5876-W01-OC010	**Ricoh AFP2PDF Transform Restricted Use Licensing Optional Features**
5876-W01-R0001	Ricoh AFP2PDF Transform
5876-W01-OC011	**Restricted Use Ricoh AFP2PDF Maintenance 1 Year Registration**
5876-W01-R0001-1REG	Ricoh AFP2PDF Transform
5876-W01-OC012	**Restricted Use Ricoh AFP2PDF Maintenance 1 Year Renewal**
5876-W01-R0001-1REN	Ricoh AFP2PDF Transform
5876-W01-OC013	**Restricted Use Ricoh AFP2PDF Maintenance 1 Year After License**
5876-W01-R0001-1AFT	Ricoh AFP2PDF Transform
5876-W01-OC014	**Restricted Use Ricoh AFP2PDF Maintenance 3 Year Registration**
5876-W01-0001-3REG	Ricoh AFP2PDF Transform
5876-W01-OC015	**Restricted Use Ricoh AFP2PDF Maintenance 3 Year Renewal**
5876-W01-0001-3REN	Ricoh AFP2PDF Transform
5876-W01-OC016	**Restricted Use Ricoh AFP2PDF Maintenance 3 Year After License**
5876-W01-0001-3AFT	Ricoh AFP2PDF Transform

5876-W02   Ricoh Line2PDF Transform

Item Number	Description
5876-W02	Ricoh Line2PDF Transform
5876-W02-OC001	**Optional Features**
5876-W02-0001	Ricoh Line2PDF Transform
5876-W02-OC003	**Supply Features**
5876-W02-E0001-AIX	Electronic Download: Ricoh Line2PDF Transform for AIX
5876-W02-E0001-LNX	Electronic Download: Ricoh Line2PDF Transform for Linux
5876-W02-E0001-WIN	Electronic Download: Ricoh Line2PDF Transform for Windows
5876-W02-OC004	**Ricoh Line2PDF Transform Maintenance 1 Year Registration**
5876-W02-0001-1REG	Ricoh Line2PDF Transform
5876-W02-OC005	**Ricoh Line2PDF Transform Maintenance 1 Year Renewal**
5876-W02-0001-1REN	Ricoh Line2PDF Transform
5876-W02-OC006	**Ricoh Line2PDF Transform Maintenance 1 Year After License**
5876-W02-0001-1AFT	Ricoh Line2PDF Transform
5876-W02-OC007	**Ricoh Line2PDF Transform Maintenance 3 Year Registration**
5876-W02-0001-3REG	Ricoh Line2PDF Transform
5876-W02-OC008	**Ricoh Line2PDF Transform Maintenance 3 Year Renewal**

Item Number	Description
5876-W02-0001-3REN	Ricoh Line2PDF Transform
5876-W02-OC009	**Ricoh Line2PDF Transform Maintenance 3 Year After License**
5876-W02-0001-3AFT	Ricoh Line2PDF Transform
5876-W02-OC010	**Ricoh Line2PDF Transform Restricted Use Licensing Optional Features**
5876-W02-R0001	Ricoh Line2PDF Transform
5876-W02-OC011	**Restricted Use Ricoh Line2PDF Maintenance 1 Year Registration**
5876-W02-R0001-1REG	Ricoh Line2PDF Transform
5876-W02-OC012	**Restricted Use Ricoh Line2PDF Maintenance 1 Year Renewal**
5876-W02-R0001-1REN	Ricoh Line2PDF Transform
5876-W02-OC013	**Restricted Use Ricoh Line2PDF Maintenance 1 Year After License**
5876-W02-R0001-1AFT	Ricoh Line2PDF Transform
5876-W02-OC014	**Restricted Use Ricoh Line2PDF Maintenance 3 Year Registration**
5876-W02-0001-3REG	Ricoh Line2PDF Transform
5876-W02-OC015	**Restricted Use Ricoh Line2PDF Maintenance 3 Year Renewal**
5876-W02-0001-3REN	Ricoh Line2PDF Transform
5876-W02-OC016	**Restricted Use Ricoh Line2PDF Maintenance 3 Year After License**
5876-W02-0001-3AFT	Ricoh Line2PDF Transform

Description

The Ricoh AFP2PDF Transform converts Advanced Function Presentation (AFP) documents into Adobe Acrobat Portable Document Format (PDF) files. You interact with Ricoh AFP2PDF through a command line or JAVA API interface.

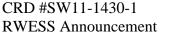The Ricoh AFP2PDF Transform includes these components:

AFP2PDF

The AFP2PDF transform converts AFP into PDF files.

Split_AFP2PDF

The Split_AFP2PDF transform allows you to split a large AFP print run into individual PDF statements, based on up to three Tagged Logical Element (TLE) values.

The Ricoh Line2PDF Transform converts simple line data into Adobe Acrobat Potable Document Format (PDF) files. It handles both ASCII and EBCDIC and ANSI and machine carriage control. You interact with Line2PDF through a command line or JAVA API interface.

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Limitations

The current limitations with the Ricoh AFP2PDF Transform include:

- AFP input files and PDF output files larger than 2 GB are not supported.

- The following set of bar codes are generated in the output PDF when using the Bar Code Object Content Architecture (BCOCA) in AFP data. Any other bar codes are ignored during conversion.
  - Code 39 (3-of-9 Code), AIM USS-39
  - Interleaved 2-of-5, AIM USS-I 2/5
  - POSTNET
  - Code 128, AIM USS)128
  - Japan Postal Bar Code
  - Data Matrix
  - USPS Four-State (IMB)
  - PDF417
  - QR Code
  - Codabar
- When AFP data formatted for N-up partitioning is encountered, the multiple partitions that make up the physical AFP page are converted to separate pages in the PDF file.
- Only limited support is available for object containers with TIFF and JFIF image formats.
- CMR information contained in AFP resources is ignored.
- Unicode Complex Text, such as bidirectional layout processing and glyph processing is not supported.
- Linked fonts for TrueType objects and TrueType font collections are not supported.

The current limitations with the Ricoh Line2PDF Transform include:

- Input text data stream must be mappable to code page 1252. No Double Byte Character Set (DBCS) support.
- TRC characters are not supported.
- Input files larger than 2GB are not supported.

Performance considerations

Transform execution speed varies with the data stream type, job length, output resolutions, and the density and complexity of the average page. Careful evaluation, including benchmarking key jobs, might be required to determine feasibility with a particular Ricoh Web Enablement Solutions Suite's transform configuration. In particular, AFP data streams vary greatly in complexity and it should be expected that transform speeds for similar but different jobs may be significantly different, even on the same hardware configuration.

Customer Responsibilities

The customer is responsible for installing and using the Ricoh Web Enablement Solutions Suite's transforms according to documented procedures and for using them in accordance with the Ricoh Production Print Solutions International Product License Agreement (IPLA), which can be found at this Web link:

http://www.infoprint.com/internet/wwsites.nsf/vwwebpublished/sm_warrantyhome_us

Accessibility

The Ricoh AFP2PDF and Line2PDF transforms have the following capabilities for vision-impaired users:

- Communication of all information independent of color
- Documentation provided in an accessible format

The Ricoh AFP2PDF and Line2PDF transforms have the following capability for users with mobility impairments or limited hand use:

- Operation using only the keyboard

Technical Information

Operating Environments

Ricoh Web Enablement Solutions Suite Requirements

- AIX 5.3 and above.
- Linux operating systems: Red Hat Enterprise Linux (RHEL) V5 or later, SUSE Linux Enterprise Server (SLES) 10 or later.
- Windows Server 2003 or later.
- Ricoh Web Enablement Solutions Suite transforms can be ordered for electronic delivery, and are managed with license keys.

Hardware Requirements

Ricoh recommends a server with the following minimum configuration. Your specific configuration needs will vary depending upon planned workloads.

- IBM System p (pSeries).
- All Intel and AMD processors capable of running the supported Linux operating systems.
- All Intel and AMD processors capable of running the supported Windows operating systems.
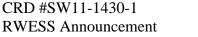
Publications

Ricoh AFP2PDF Transform: Planning and Installing, G550-20212-00

Ricoh Line2PDF Transform: Planning and Installing, G550-20213-00

Ricoh AFP2PDF / Line2PDF Transform: Base License Information, G550-20182-00

Ricoh AFP2PDF / Line2PDF Transform: Trial License Information, G550-20183-00

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 application contract documents, such as, but not limited to, the International Program License Agreement (IPLA) and the Agreement for Acquisition of Software Maintenance.

Licensing:

The IPLA and the License Information Document govern your use of the program. Your invoice serves as your Proof of Entitlement. 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 as long as you have a current Software Maintenance Agreement in effect.

Maintenance Service Offerings

The Ricoh Web Enablement Solutions Suite's transforms are covered by the Agreement for Acquisition of Software Maintenance (Z125-7609). This agreement applies for subscription and support (also referred to as software maintenance) when purchased with the Ricoh Web Enablement Solutions Suite or as a subsequent renewal of maintenance. The software maintenance agreement does not require customer signatures. Ricoh includes one year of Software Subscription and Support with the initial license acquisition of each transform acquired.

While your maintenance is in effect, Ricoh provides you assistance for your routine, short-duration installation and usage (how to) questions, and code-related questions. 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. For additional details, consult the website at:

http://www.infoprint.com/SWM

Maintenance does not include assistance for the design and development of applications, your use of transforms in other than their specified supported operating environment, or failures caused by products that Ricoh is not responsible under this agreement.

Warranty Period

This program has warranty for a minimum of one year from acquisition from Ricoh. The warranty provided to the customer, for at least one year from acquisition, is access to databases (read Web sites) for program information and FAQs, including any known fixes to defects, which the customer can download or obtain otherwise and install at leisure.

Money-back Guarantee: If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and invoice or a copy thereof to the party from whom you obtained it. If you download

the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

Ordering Information

New Order Instructions

The Web Enablement Solutions Suite's Ricoh AFP2PDF and Ricoh Line2PDF transforms are configured items. To purchase a new license, specify new order as the order type and specify 1 or 3 years maintenance. The interface will automatically specify 5876-W01-xxx or 5876-W02-xxx as the base item and select the corresponding 1 or 3 year registration maintenance feature.

You do not need to order licenses for cold backup installations.

Upgrade Instructions

All customers who have an existing Professional Services license of AFP2PDF or Line2PDF and a current maintenance agreement are eligible for a no charge upgrade to the Ricoh Web Enablement Solutions Suite versions. This upgrade can only be done at maintenance renewal time. To order the upgrade, contact your Ricoh representative. They will specify the new Item Identifier 5876-W01 or W02 in the configurator, along with associated Maintenance.

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