

RICOH

Release Notes for InfoPrint Manager for AIX 4.4 (March 2014)



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This edition applies to InfoPrint Manager for AIX, Version 4 Release 4. It is available on the Ricoh Production Print Solutions Web site: <http://www.infoprint.com>

All InfoPrint Manager servers should be upgraded at the same time. Do not forget to also upgrade any secondary InfoPrint Manager servers.

Starting with Release 4.4, InfoPrint Manager for AIX requires the minimum AIX operating system Technology Level to be installed at one of these versions:

- AIX 6.1 Technology Level 5 or higher
- AIX 7.1 no minimal Technology Level required

What's new in Release 4.4?

- **InfoPrint Manager implemented the Electronic Software Distribution (ESD)**, a solution intended to facilitate the product entitlement and distribution flow while allowing you to try the product before purchasing it, preventing unauthorized use. There are other benefits of electronic software distribution, such as faster delivery and better control and management of your InfoPrint Manager licenses. InfoPrint Manager is available as a 60 days trial version or as a registered version.

Important

All installations of InfoPrint Manager for AIX 4.4 require a license key to run. If you have already purchased the product, contact your local service representative or sales representative to receive your license, or download the key using your Entitlement ID (EID) from <https://ricohsoftware-entitlements.com>. If you have not purchased the product yet, you can install and run the product in trial mode for 60 days. After you purchase the software, Ricoh Production Print Solutions sends an email with EMS - Entitlement Certificate in the subject line to the email address provided when the order was placed. This email contains your Entitlement ID (EID), which you can use to download your license key from <https://ricohsoftware-entitlements.com>.

Obtaining a trial version of InfoPrint Manager has never been easier. To download your installation DVD-ROM for one of the supported platforms (AIX, Linux, or Windows), go to: http://www.infoprint.com/internet/ipww.nsf/vwWebPublished/swip_infoprint-manager_en

The InfoPrint Manager Base Server and these features are available for your evaluation:

- InfoPrint Manager AFP2PDF Feature
- InfoPrint Manager Pull Print Feature
- InfoPrint Manager SAP Print Feature
- InfoPrint Manager Web Operations GUI Feature

The InfoPrint Manager Base Server and these features are available for your purchase using the electronic software distribution license keys:

- InfoPrint Manager AFP2PDF Feature
- InfoPrint Manager High Speed Printer Feature
- InfoPrint Manager InfoPrint 4247 Feature (available on a separate CD-ROM)
- InfoPrint Manager Japanese PostScript Fonts Feature (available on a separate CD-ROM)
- InfoPrint Manager Low Speed Printer Feature
- InfoPrint Manager Medium Speed Printer Feature
- InfoPrint Manager PPFA Feature (available on a separate CD-ROM)
- InfoPrint Manager Print-On-Demand Feature (available on a separate CD-ROM)
- InfoPrint Manager Pull Print Feature
- InfoPrint Manager SAP Print Feature
- InfoPrint Manager Ultra Speed Printer Feature
- InfoPrint Manager Workgroup Printer Feature

For more information about product features and Electronic Software Distribution, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060, and *InfoPrint Manager for AIX: Getting Started*, G550-1061 .

- **Upgrade to Java 7.** InfoPrint Manager server is now using IBM Java 7 SR5, while all the Windows clients are using Oracle Java 7 Update 25.
- **The APF2PDF transform has been added as a feature of InfoPrint Manager.** The `afp2pdf` transform converts Mixed Object Document Content Architecture (MO:DCA-P) documents, also called AFP documents, to Adobe Portable Document Format (PDF) documents to be viewed, archived, e-mailed, or printed.

For more information on the `afp2pdf` transform capabilities, see *InfoPrint Manager: Reference*, S550-1052.

- **Added support for 64-character destination names.** InfoPrint Manager now supports actual and logical destination names up to 64 characters.
- **Support for new Windows client operating systems.** InfoPrint Manager clients for Windows platform now support Windows 8 Pro, Windows 8 Enterprise, and Windows Server 2012 Standard.

For a complete list of supported operating systems for the server or clients, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060.

- **Supporting Samba for AIX for interoperating servers and Submit Express or InfoPrint Job Ticketer preflight.** These functions were previously supported using IBM Fast Connect for AIX 3.2, which was lacking support for more recent Windows operating systems.

For more details about using Samba for AIX, see *InfoPrint Manager for AIX: Procedures*, G550-1066.

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- **Creation of InfoPrint Manager Software Server from DVD ISO image files.** The existing `mk_ip_remote` script was enhanced to support a new parameter to create the `/ip_remote` software server directly from DVD ISO image files.

For more information about this function, see *InfoPrint Manager for AIX: Getting Started*, G550-1061.

- **Support for running on AIX High Availability environment using IBM PowerHA for AIX.** The InfoPrint Manager for AIX product now supports installation on IBM Power HA, which was formerly known as IBM HACMP (High Availability Cluster Multiprocessing).

Also, the HACMP documentation was revised as a new book: *InfoPrint Manager for AIX and Linux: High Availability Guidelines*, G550-20261.

- **InfoPrint Manager Web Server is now installed with the base server.** The Web Server available with InfoPrint Manager is always installed with the base server, but only started if available web applications from the Print-On-Demand, Pull Print, or Web GUI feature are installed. The Web Server Feature was discontinued as a separately available feature.

For more information about InfoPrint Manager Web Server, see *InfoPrint Manager for AIX: Getting Started*, G550-1061, and *InfoPrint Manager Print-on-Demand Feature: Using Submit Express and Job Ticketer*, G550-20271.

- **Interchange Set Version 3 (IS/3) support was added for image transforms.** InfoPrint Manager GIF2AFP, JPEG2AFP, and TIFF2AFP can now generate AFP data stream that is IS/3 compliant.

For more information on using IS/3, see *InfoPrint Manager: Reference*, S550-1052.

- **Support for Preprinted Form Overlay (PFO).** InfoPrint Manager has the ability to make use of the new preprinted form overlay (PFO) using the new actual destination attributes: **medium-preprinted-form-overlay-back**, **medium-preprinted-form-overlay-front**, **page-preprinted-form-overlay-back**, and **page-preprinted-form-overlay-front**.

For more information, see *InfoPrint Manager: Reference*, S550-1052.

- **InfoPrint Manager's PSF-Other destination supports additional barcodes.** The PSF PCL Secondary process was enhanced to support: MaxiCode, UPC, EAN, POSTNET, PLANET, APBC, and Code93 barcodes.

For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061 .

- **InfoPrint Manager Administration and Operation GUI and Command Line Client Windows clients are now supported on Citrix XenApp.** Citrix XenApp is an application virtualization product that allows users to connect to their corporate applications from a wide range of client computer systems.

For more information related to Citrix XenApp, see: <http://www.citrix.com/products/xenapp/overview.html>

- **Uninstallation of InfoPrint Manager for AIX is now supported officially.** You can uninstall the InfoPrint Manager for AIX from you server.

For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061.

- **Added support for listed Ricoh printer models to the InfoPrint Manager.**

These printer models are supported:

- RICOH Pro 8100S

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- RICOH Pro 8110S
 - RICOH Pro 8120S
 - RICOH Pro C5100S
 - RICOH Pro C5110S

- **Enhanced InfoPrint Manager server accounting log for jobs completed with errors.** This improvement allows the user to see the accounting information for jobs completed with errors. The server creates an additional log file for each actual destination that will contain only error job information.

For more information about this function, see *InfoPrint Manager for AIX: Procedures*, G550-1066 .

- **InfoPrint Manager Email DSS converts fax jobs into email jobs.** InfoPrint Manager will accept fax jobs as input to the Email destination type with the possibility of converting the document to PDF and sending it out as an email attachment.

Added these new attributes:

- **fax-to-email-domain** - Specifies the email domain as user-defined customizable field for a fax job to be sent as an email attachment.
- **maintain-original-file-name** - Specifies if the original submitted file name or the subject-text attribute will be used for the file name email of the attachment.

Important

To preserve the original file name from the job-name attribute sent to the Email DSS as the file name of the email attachment, you must configure the email DSS actual destination attribute **maintain-original-file-name** to true. The `infofax.cfg` file is not used anymore.

For more information about this function, see *InfoPrint Manager for AIX: Procedures*, G550-1066, and *InfoPrint Manager: Reference*, S550-1052.

- **InfoPrint Manager Administration and Operation GUI client, as well as the Notification Client, are now supported on Linux.** These two existing clients were supported prior to this release only on Windows.

For more information, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060 .

- **Revised publications:**

- *InfoPrint Manager for AIX: Planning Guide*, G550-1060
- *InfoPrint Manager for AIX: Getting Started*, G550-1061
- *InfoPrint Manager for AIX: Procedures*, G550-1066
- *InfoPrint Manager for AIX and Linux: High Availability Guidelines*, G550-20261
- *InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide*, S550-1062
- *InfoPrint Manager: Reference*, S550-1052
- *InfoPrint Manager: PSF, Server, and Transform Messages*, G550-1053
- *InfoPrint Manager Pull Print Feature: Installing and Configuring*, G550-20129

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- *InfoPrint Manager Print-on-Demand Feature: Using Submit Express and Job Ticketer*, G550-20271
 - *InfoPrint Manager: SAP R/3 Planning and Configuring Guide*, S550-1051
 - *Page Printer Formatting Aid: User's Guide and Reference*, S550-0801
 - *AFP Conversion and Indexing Facility: User's Guide*, G550-1342
 - *InfoPrint Manager: Dictionary of Keywords*, S550-1188

Withdrawn Support

- **InfoPrint Manager AFP2PDF PRPQ, product number 5799-HBQ, has been discontinued.** The formally known PRPQ has become an InfoPrint Manager feature available with the base product DVD.
- **Generalized Fax DSS was withdrawn from InfoPrint Manager for AIX.** However, fax jobs are still supported as input to InfoPrint Manager server. They can be either printer on an actual destination or converted to PDF documents and sent out as electronic mail attachments when submitted to email DSS.

For more information, see *InfoPrint Manager for AIX: Procedures*, G550-1066.

- **InfoPrint Manager for AIX is not supported on IBM AIX 5.3 anymore.**

For more details on the supported levels of AIX, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060.

- **InfoPrint Manager Windows clients are not supported anymore on Windows 2000, Windows Server 2000, Windows Vista, and Windows Server 2003.**

For more information on the supported Windows clients, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060 .

- **InfoPrint Manager server is not supported in Korean and Chinese languages anymore.**
- **Support for SAPConnect DSS was withdrawn.** SAP customer can still send fax documents from their SAP Office outbox to InfoPrint Manager to either an actual destination to be printed or an email destination to be sent out as an electronic mail to on email Inbox.

For more information about this function, see *InfoPrint Manager for AIX: Procedures*, G550-1066.

Limitations

Single Cell Halftone

Single Cell Halftone support has a limitation with the provided transparency support. The small (one bit monochrome) images that are transformed with transparency enabled are not transformed with the Single Cell algorithms. The native PostScript data streams that use the imagemask operator are transformed using the original halftone algorithms. The PDF data streams that process small (one bit monochrome) images with transparency enabled also use the original algorithms.

Internet Protocol version 6 (IPv6)

InfoPrint Manager does not yet support IPv6. InfoPrint Manager currently requires IPv4.

Indexed Multiple Data Sets

MVS Download cannot be used with multiple data sets that have already been indexed (contain AFP TLEs).

Longer processing for color text that uses embedded fonts

When transforming PDF with color text that uses embedded font subsets to black and white or color AFP output, the rip processing can take longer. If you use `savevm=false`, this performance will improve. However, we recommend using the current default of `savevm=true` because, in some cases, PDF input files with many embedded font subsets might fail to transform. The `savevm` option appears on the `ps2afp/pdf2afp` command line as: `-pragma pdf2psoptions=savevm=true`.

AFP Printer Driver

AFP Printer Driver available on the Common Clients CD is not supported on the 64-bit version of Windows XP.

Interchange set version attribute

The `sap2afp` transform command does not create IS/3 compliant AFP output when converting an ABAP file by specifying 3 as a value for the `-is` flag. The `sap2afp` transform command creates IS/3 compliant AFP output only when the input file is an OTF file.

Known problems and workarounds

Ricoh ProcessDirector page separator issue when coexisting with InfoPrint Manager 4.4

If Ricoh ProcessDirector is installed on the same server as InfoPrint Manager 4.4, errors occur when you request header, separator, or trailer pages on any version of Ricoh ProcessDirector. The immediate solution is to remove any separator pages on Ricoh ProcessDirector when both products are installed on the same server.

Note

If you want to install this version of InfoPrint Manager and Ricoh ProcessDirector on the same server, contact your Service Representative for assistance due to known limitations.

Daylight Saving Time discrepancies

After Daylight Savings Time changes, depending on your configuration, it is possible to notice discrepancies in their server accounting logs or job submission failures. The problem can be resolved by stopping and starting the InfoPrint Manager server. If you are already experiencing

these symptoms or want to avoid them in the future, arrange to have your servers restarted immediately following a Daylight Savings Time change.

InfoPrint Job Ticketer client does not find the InfoPrint Manager for AIX server

To successfully run the InfoPrint Job Ticketer client, you must have JavaScript enabled and be able to run a Java JVM on the InfoPrint Job Ticketer site. On most Windows systems, these options are turned on by default for Internet sites in general. On Windows 2003 and 2008 Server systems, these options are turned off by default for the Internet in general, although they are turned on for trusted sites. Regardless of their default settings, the actual settings can be modified.

The first time you try to access the InfoPrint Job Ticketer site, the browser asks you if you want to add it to the browser's list of trusted sites. If you say **Yes**, all goes well.

However, if you say **No** and JavaScript is not enabled for Internet sites in general, you see a message that JavaScript is not enabled: JavaScript is not enabled for your browser. You must enable scripting to access InfoPrint Job Ticketer. See the InfoPrint Manager Print-on-Demand Feature: Using Submit Express and Job Ticketer for information.

To enable InfoPrint Job Ticketer:

1. Click **Start**.
2. Click **Internet Explorer**.
3. Click **Tools**.
4. Click **Internet Options**.
5. Click **Security**.
6. Click **Trusted Sites**.
7. Click **Sites**.
8. Under **Add this Web site to the zone**, enter *your machine name*.

CCRs included in Release 4.4

Release 4.4 includes resolution for these CCRs:

CCR	Description
1-1JUNPDF	PSF does not issue an "END" command at the end of a PTOCA object with OEG. The "END" command should be issued to let the printer know when to come out of a text-object processing, otherwise the job is unsuccessful. Currently there is no known IPDS printer that supports PTOCA objects with OEG.
1-1LQ9EZK	The MVS Download receiver does not receive jobs from the AFP Download Plus when mft (multiple file transfer) is used.
1-1LY7FGF	The ainmain core dumps in exit routine on AIX version 7.1.0.0-00
1-1MDRGYK	InfoPrint Manager MVS Download fails to clean up resulting MO:DCA-P file when multiple data set jobs are received.
1-1MNE91O	Provides accounting information for jobs that are completed with errors in <i><actual_destination_name>.accounting.log.error</i> .
1-1NBCL2V	Error Message 0424-228: If more than 7 input trays are defined, the actual destination reports that no input trays are available on PSF Other.
1-1NFSL03	The Page Segment is placed in incorrect position when going through ACIF.
1-1NG578W	Increases the default value for the printer-memory attribute on the PSF Other-driver DSS from 1024 to 65535 kilobytes.
1-1ODPBYE	PCL sniffer calculates incorrectly the number of pages for a PCL document when raster information contains '1B' octet (Escape Sequence indicating PCL command).
1-1PFNLV5	Umlaut German character not rendered on capital letter when pcl2afp transform is used.
1-1QPJELS	Transform jpeg2afp fails with memory error on large files.
1-1S6V9D3	The SAP2AFP transformer does not keep text justified for OTF documents.
1-1SCY16P	The PCL secondary output incorrect on duplex side 2 only.
1-1SZH6QW	Remove bogus error message about file permission on Adobe PostScript fonts from installation wlog file.
1-1TTSFRR	InfoPrint Select job settings dialog is always displayed when the user enables the folder redirection.

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- BCOCA
- InfoPrint
- Infoprint
- Intelligent Printer Data Stream
- IPDS
- Mixed Object Document Content Architecture
- MO:DCA
- Ricoh

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