

RICOH

Release Notes for InfoPrint Manager for AIX 4.6



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This edition applies to InfoPrint® Manager for AIX, Version 4 Release 6. It is available on the Ricoh Web site: <http://info.rpp.ricoh-usa.com/help/index.jsp>

All InfoPrint Manager servers and clients must be upgraded at the same time. Do not forget to upgrade any secondary InfoPrint Manager servers.

Starting with Release 4.6, InfoPrint Manager for AIX requires a minimum AIX operating system. The AIX operating system Technology Level must be installed at AIX 7.1 Technology Level 4 Service Pack 1 or higher version.

★ Important

Starting with InfoPrint Manager 4.6 release, you have the chance to become part of the InfoPrint Manager community by visiting our brand new forum: <http://rpp.ricoh-ipm.forums.net/>, where you can engage in InfoPrint Manager related discussions. Register your account and start participating in the InfoPrint Manager forum threads.

What's new in Release 4.6?

- **Experience the new enhanced InfoPrint Manager WEB Interface.**

Starting from this release, you can use a highly innovative and improved InfoPrint Manager WEB Interface. This new interface brings more value and clarity to the user experience. We strive towards continuous improvement to offer you the best printing experience.

★ Important

The InfoPrint Manager administrator can start the Web Interface only after he starts the web server from SMIT. The user accounts for the Web Interface must match the FST accounts.

For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061, and the new help system available with the Web Interface.

- **Added the document-pdf-processor attribute for InfoPrint Manager.** It is used with the ps2afp and pdf2afp transform.

The **ps2afp** and **pdf2afp** commands use one of these PDF processing engines:

- **Configurable PostScript Interpreter (CPSI)**, which converts both PS and PDF input
- **Adobe PDF Print Engine (APPE)**, which converts PDF only, at a higher quality and speed. APPE performs better than CPSI.

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

- **InfoPrint Manager does not check for feature maintenance keys during runtime.**

For more information, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060, and *InfoPrint Manager for AIX: Getting Started*, G550-1061.

- **Dropped support for AIX 6.1.**

For more information, see *InfoPrint Manager for AIX: Planning Guide*, G550-1060, *InfoPrint Manager for AIX: Procedures*, G550-1066, and *Configuring and Tuning Guide*, S550-1062.

- **Added support for AIX 7.2.**

For more information, see *InfoPrint Manager for AIX: Planning Guide*, G550-20262, and *InfoPrint Manager for AIX: Procedures*, G550-1066.

- **InfoPrint Manager now supports LDAP security for user authentication.**

For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061, and *InfoPrint Manager: Reference*, S550-1052.

- **Added maintenance license options for 2 and 4 years. InfoPrint Manager now allows you to choose your maintenance license expiration period between 1, 2, 3, 4, or 5 years.**

For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061, *InfoPrint Manager for AIX: Planning Guide*, G550-20262.

- **Ported the remaining 32 bit components from the product (ACIF and ps2afp) to 64-bit.**

For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061, *InfoPrint Manager for AIX: Planning Guide*, G550-20262.

- **When the wait-for-job-completion attribute is set to true, the pioinfo and piorpdm backend communication is improved by up to 3 seconds on Ricoh devices.**

- **Added InfoPrint Manager client support for Windows Server 2016 Standard.**

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

- **Added support for Mac OS X Versions 10.11 and 10.12 for InfoPrint Submit Express, InfoPrint Select, and Command Line Client.**

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

- **Dropped support for Mac OS X Version 10.8.**

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

- **Added support for PSF Other DSS as PullPrint destination.**

For more information, see *InfoPrint Manager Pull Print Feature: Installing and Configuring*, G550-20129.

- **Dropped support for direct printer Pull Print using Enhanced Locked Print NX.**

For more information, see *InfoPrint Manager Pull Print Feature: Installing and Configuring*, G550-20129.

- **Added PDF/A support for the AFP2PDF feature.**

InfoPrint Manager now supports PDF/A compliant documents. The afp2pdf transform can generate PDF/A compliant PDF files. PDF/A is an ISO-standardized version of the Portable Document Format (PDF) specialized for use in the archiving and long-term preservation of electronic documents.

For more information, see *InfoPrint Manager AFP2PDF Transform Feature: Installing and Using*, G550-1057.

- **Added support for InfoPrint Font Collection, Version 3.6.0.**

InfoPrint Manager now supports *WorldType Fonts*, LCD4-5684 (DVD). This DVD includes Version 8.22 of TrueType/OpenType fonts.

- **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: Configuring and Tuning Guide*, S550-1062
- *InfoPrint Manager: High Availability Guidelines*, G550-20261
- *InfoPrint Manager: Reference*, S550-1052
- *InfoPrint Manager: PSF, Server, and Transform Messages*, G550-1053
- *InfoPrint Manager Pull Print Feature: Installing and Configuring*, G550-20129
- *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
- *AFP Conversion and Indexing Facility: User's Guide*, G550-1342
- *InfoPrint Manager: Dictionary of Keywords*, S550-1188
- *InfoPrint Manager AFP2PDF Transform Feature: Installing and Using*, G550-1057

Limitations

Accounting information when printing PDL nested jobs to Ricoh controller devices reports 0 (zero) pages completed

Accounting information when printing PDL nested jobs to Ricoh controller devices reports 0 (zero) pages completed both when InfoPrint Manager is configured to report job completed when printed (wait-for-job-completion is enabled) and when using InfoPrint TCP/IP Network Port Monitor. If you encounter this problem, contact your local Ricoh printer representative.

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

InfoPrint Manager for AIX and Ricoh ProcessDirector for AIX limitation

InfoPrint Manager for AIX and Ricoh ProcessDirector for AIX cannot coexist on the same AIX machine.

Interchanging 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

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`.

InfoPrint Manager setup installation

Using the InfoPrint Manager setup graphical installer can cause issues when installing the product. This occurs when the register path is selected and you use the **Back** button after the installer asks for the license key. To avoid this, either have the product license key prepared before the installation process is started or install the product in trial mode and register it after the installation is complete using the License Key Management Application. For more information, see *InfoPrint Manager for AIX: Getting Started*, G550-1061.

InfoPrint Manager Web Interface setup

When you start the Web Interface for the first time after you have set up the initial connection, select your favorite server. This ensures that the correct objects are loaded in the objects drawer at refresh.

Upgrading SAP Clients on Linux

If you are upgrading your SAP clients, update the LOMS definitions for all your InfoPrint Manager printers to point to the updated **ipm_submit**, **ipm_dev_query**, **ipm_job_query**, and **ipm_job_cancel** commands by removing all trailing **.linux** options from the OMS commands. For more information on modifying the OMS commands, see *InfoPrint Manager: SAP R/3 Planning and Configuring Guide*.

License clock tampering problem

If the InfoPrint Manager is installed on a machine with the system date and time older than the current date, the InfoPrint Manager server starts issuing the error: "5010-901 InfoPrint Manager detected a time tampering problem".

Contact your support personnel and ask them to make sure that the system time is synchronized with the Internet time server. Remove the license that caused the problem and reinstall it.

CCRs included in Release 4.6

Release 4.6 includes resolution for these CCRs:

DE26717	AFP Download Plus fails sending jobs to InfoPrint Manager for AIX 4.5.0.
DE26788	Subject-text longer than 116 characters on e-mail jobs results in outgoing e-mail not containing the PDF attachment.
DE26934	Transform "ps2afp" fails on large jobs when running from "pdfprs" parallel rip.
DE27141	Output truncated when using Unicode/Surrogate pairs fonts via PSF Other DSS.
DE27029	Using custom size paper on PSF Other outputting PCL6 causes PCL XL error: IllegalMediaSize.
DE27229	Missing text from printed output of PSF Other when using DBCS fonts that have their HAIDs changed between the printed jobs.
DE27498	Pages in accounting not logged when using piorpdm backend.
DE27625	Leading space in the job name attribute causes Java GUI to display the attribute value incompletely in the main panel.
DE27496	The "ps2afp" transform fails with 0427-118 ERROR: ps2afpd: The input file contains PostScript commands which resulted in an error. The PostScript error was: %%[Error: rangecheck; Offending Command: get]%%.
DE28130	The email job that contains special characters in the attribute email-to-address crashes the server.
DE28171	AIX installer incorrectly changes a customized PATH variable on /etc/ environment during upgrade.
DE28238	Barcodes are not displayed correctly when the Job Viewer is used.
DE28340	The pjldetect command does not work.
DE28393	Pull print jobs cannot be deleted when the job owner is different than the user name.
DE28507	Server hangs on email jobs when the attribute value subject-text contains the character # .
DE28674	The PDF value for the attribute document-formats-supported is removed during the creation of an AIX DSS.
DE28896	Linux SAP client issue with ipm.omscdesc and ipm_submit.
DE28897	SAP callback daemon fails if the password is longer than 8 characters.
DE28829	When the primary Pull Print server is stopped and the backup Pull print server is running, only the jobs that are sent to the Pull Print actual destination are shown.

DE29020	Documents with mixed IOCA resource group and inline causes the img2afp transformer to fail with 0429-142.
DE29046	The enq options are not passed to the ipm server if the <i>PD_FORMS</i> environment variable is not defined.
DE28578	Cleaning or cancelling jobs results in 5010 - 631. The system function <code>_open_osfhandle</code> returned error number 6.
DE29163	Server trace activates when you create AIX or PSF-Other DSS with certain printer models AIX colon files.
DE29318	Wrong permissions on pdenq causes the temporary files <i>/var/spool/1pd</i> to accumulate.
DE29424	AFP2PDF incorrectly changes black text color from input AFP file into cyan color in the resulted PDF
DE29648	WebGUI fails to login using LDAP user when longer passwords are used for the LDAP account.
DE29818	Web GUI does not allow LDAP password to contain special characters such as: !, @, #, %, ^, & .
DE29801	LDAP user is not found in InfoPrint Manager LDAP cache due to case sensitive search.

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- AFP
- Bar Code Object Content Architecture
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