



Release Notes for InfoPrint Manager for AIX 4.7.2

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This edition applies to InfoPrint® Manager for AIX, Version 4 Release 7. 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.

What's new in Release 4.7.2?

- **Added support for IPv6.**

 **Note**

The IBM AIX native printing system does not fully support IPv6.

For more information, see *InfoPrint Manager for AIX: Planning Guide*, *InfoPrint Manager for AIX: Getting Started*, *InfoPrint Manager for AIX: Procedures*, *InfoPrint Manager: Reference*.

- **Added client support for CentOS 7.**

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

- **Added functionality for multiple job filters in Web Interface.**

You can now set and manage multiple filters for both active and retained jobs where you can include up to 3 sorting criteria.

- **Added support for RICOH Pro F2120, RICOH Pro F2120Y, RICOH Pro F2130, and RICOH Pro F2130Y.**

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

- **Added support for RICOH Pro VC70000.**

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

- **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
- *Secure Print: Installing and Configuring*, G550-20129
- *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

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.

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.

IBM AIX native printing system does not support IPv6.

IBM AIX native printing system does not support IPv6 , so functions such as: LPD or remote queue, are not be supported.

Known problems and workarounds

IPv6 connection

On Mac OS the IPv6 connection via WIFI is not properly supported for Submit Express because of the operating system Socket implementation. As a workaround, use a wired Ethernet connection.

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.

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.

Job status and accounting for nested PJJ jobs

Accounting information reports 0 (zero) pages completed when InfoPrint Manager prints nested PJJ jobs to RICOH controller devices and InfoPrint Manager is configured to wait for the job to print completely (wait-for-job-completion is enabled).

To avoid this situation, use the InfoPrint Manager provided **`pioinfo`** backend and enable the PJJ JOB counting function using the **`-w`** option with the printer command, for example:
`/usr/lib/lpd/pio/pioinfo://ricohdevice.yourcompany.com -w.`

Job status and device timeout setting

The device timeout setting can cause the jobs to be reported as failed and the actual destination state to be changed to **`needs key operator`** when InfoPrint Manager is configured to provide accurate job status (by enabling the **`wait-for-job-completion`** attribute), which requires the backend program to wait for the jobs to print completely.

If your physical printer has a timeout setting, make sure it is disabled or the timeout value is higher than the necessary time to print your largest possible job when you enable the **`wait-for-job-completion`** attribute. For Ricoh printers, you can use Remote Maintenance by telnet to make the necessary changes to the direct printing port settings (`diprint` command).

Upgrade Artifex Ghostscript interpreter to version 9.24 or higher

If you are using Ricoh AFP Workbench Viewer application in conjunction with the Artifex Ghostscript interpreter to display EPS or PSF files, due to recently discovered security vulnerabilities in the Artifex Ghostscript package, we recommend that you upgrade it to version 9.24 or higher. For more information, go to <https://artifex.com/news/ghostscript-security-resolved/>.

CCRs included in Release 4.7.2

Release 4.7.2 includes resolution for these CCRs:

DE33327	InfoPrint Transform Manager transformation for ps2afp and pdf2afp transformer clients stops working.
DE33240	ACIF(APKRFLAZ) cores while processing data in some cases.
DE33372	Cannot start MVS Download Receiver on AIX due to "illegal instruction".
DE32455	Increase MVSD buffer size for processing job file names and options to avoid failures.
DE33616	Miscellaneous issues with the High Availability installation on secondary server result in pdserver not starting due to errors: "5010 - 188 Can not open file ibm.db." and "5010-403 Cannot start the server /usr/lpp/psf/bin/apped daemon. Return Code= 1".
DE33586	Search in the Web GUI dropdown menus causes the web browser to become unresponsive for 10 to 50 seconds.
DE33718	Web GUI "Media" column (corresponding to the default-medium attribute) does not display any information.
DE32190	Error when trying to retrieve pull print jobs due to the cached printer InetAddress information.
DE33662	Jobs are not listed on the printer display because of case sensitivity of the printer hostname in DNS when you use the Pull Print Feature.
DE34041	TCP/IP printer creation from AIX SMIT interface fails.
DE34092	User cannot login if preferences are set for Sheets, Pages, Copies complete.
DE34140	pdaccount command does not default on the server class anymore and requires "-c" server parameter.
DE34162	Installing support for non English languages fails due to incorrect characters in langsupp.ksh script.

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