



Release Notes for InfoPrint Manager for AIX 4.9.2

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This edition applies to InfoPrint® Manager for AIX, Version 4 Release 9.2. It is available in the RICOH Software Information Center at <https://help.ricohsoftware.com/swinfocenter>.

We encourage you to become part of the InfoPrint Manager community by visiting our forum at: <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.

Infoprint Manager provides an Ideas portal for Infoprint Manager users to submit feedback to the product management team directly from the product interface. The Ideas portal link is <https://ipm-ideas.ricohsoftware.com/>.

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

What's new in Release 4.9.2?

- **New AnyPlace DSS available for pull print operations using the Pull Print feature in conjunction with the Ricoh Streamline NX covering cloud solution.**
For more information, see *Secure Print: Installing and Configuring*.
- **File encryption support for non-processing (pending, held, ripped, and retained) jobs.**
For more information, see *InfoPrint Manager for AIX: Procedures*, the *Managing Job Encryption* section.
- **New pioipps backend to use in conjunction with CUPS IPP protocol for encrypted communication.**
For more information, see *InfoPrint Manager for AIX: Getting Started*.
- **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: Reference*, S550-1052
 - *InfoPrint Manager: PSF, Server, and Transform Messages*, G550-1053
 - *Secure Print: Installing and Configuring*, G550-20129
 - *AFP Conversion and Indexing Facility: User's Guide*, G550-1342

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.

InfoPrint Transform Manager feature limitations

- On the Linux platform, the PDF to AFP transform is only supported on SLES12 and later versions or RedHat 7.1 and later versions.
- SAP2AFP transformer does not support SAP ABAP document format.

InfoPrint Manager printing limitation on InfoPrint 5000

You cannot print via a hot folder to an InfoPrint 5000 from InfoPrint Manager for AIX version 7.2.

Job Viewer limitation for n-up documents when form-definition is used

When viewing an AFP Job that uses a form-definition with an n-up value set, the n-up value will be ignored.

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.

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 PJL jobs

Accounting information reports 0 (zero) pages completed when InfoPrint Manager prints nested PJL 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 PJL 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).

The Submit Express client must be set up at the same level as the InfoPrint Manager server

To upgrade the Submit Express client to version 4.9 on Mac OS, you must first remove any older versions installed on the system.

AFP files with inline resources might not print correctly when submitted as a multi-document job via pdpr command or Web GUI

Specific AFP documents containing inline resources might be misprinted if the AFP files are send as multiple documents of the same job. To avoid this situation, submit each file separately.

Users cannot fill in the text fields of Java components of InfoPrint Manager for AIX running in Japanese

Because of an existing OpenJDK 8 bug (JDK-8201429; for more information, see <https://bugs.openjdk.java.net/browse/JDK-8201429/>), all components of InfoPrint Manager for AIX using Java (Graphical Installer, License Key Management Application, Notification Client, and Java GUI) do not accept any input method. The workarounds are to run the AIX unattended installer and command-line commands instead of the Graphical Installer and LKMA, while the Notification Client and Java GUI can be run from a Windows client machine.

CCRs included in Release 4.9.2

Release 4.9.2 includes resolution for these CCRs:

DE38340	Make InfoPrint Manager (server and PSF) tolerate an ACIF return code of 4 when completing the output file with warnings. The job will still be listed as an erroneous job in the error log as coming out from ACIF with message 0425-441 and rc=4, but it will be sent to the printer as that.
DE38694	WebGUI: Objects on queues in the middle area are not listed when queues are retrieved from user's preferences.
DE38682	Sequential AFP jobs (usually generated by the Compant transformer) containing inline resources (different fonts having the same name) may result in printing incorrectly, in case of a printer intervention or printer operator commands (hold or pause), using resources from one job to the other. Also, in case you print similar AFP jobs, having mixed resources (different fonts having the same name) available inline and external, for the time being you need to set the maximum-fonts-to-keep actual destination attribute to 0 to avoid incorrect usage of resources (fonts) between the jobs.
DE39136	WebGUI core dumps due to out of memory condition caused by incorrect web socket handling for jobs transitioning through retain state
DE39245	Issue with license grace period being incorrectly reset in certain situations.

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