



Release Notes for InfoPrint Manager for Windows 4.8.1

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This edition applies to InfoPrint® Manager for Windows, Version 4 Release 8.1. It is available on the Ricoh Web site: <http://info.rpp.ricoh-usa.com/help/index.jsp>

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.

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 4.8?

- **Former InfoPrint Transform Manager product (LCD2-20009, LCD2-20015, LCD2-20010) is now available as a feature of InfoPrint Manager. The InfoPrint Transform Manager feature is available for purchase with all variants of the InfoPrint Manager AIX, Linux and Windows, but it can only be installed on a stand alone Linux or Windows server.**

For more information, see *InfoPrint Manager: Installing InfoPrint Manager Transform Feature*.

- **Added support for RICOH Pro C7200, C7200S, C7200SL, C7200SX, C7200X, C7210, C7210S, C7210SX, C7210X, C9200, C9210 printers.**

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

- **Added client and server support for Windows Server 2019 Standard.**

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

- **Added client support for SUSE Linux Enterprise Server 15.**

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

- **Added client support for Oracle Linux Server 7.5.**

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

- **These Web GUI enhancements are available:**

- Improved filter for object viewer on Connection function
- Job search improvements based on certain criteria
- Accessibility improvement on static dialog (focus highlight and tab order)
- Improve Queue port view usability
- Create and Edit option on object creation dialog
- Columns customization dialog
- Menu configuration and customization

- **Notification Event for job rerouted to backup destination and "job reroute" report.**

For more information, see *InfoPrint Manager: Reference*.

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- **Added xfmfilter.out to custom steps.**
For more information, see *InfoPrint Manager: Reference*.
 - **Email DSS now supports the resource-context attribute.**
For more information, see *InfoPrint Manager: Reference*.
 - **Added accutone (ls) and dark2 (oc) halftone appearances for all InfoPrint 4100s printer models.**
For more information, see *InfoPrint Manager for Windows: Planning Guide*.
 - **Added the capability to use the job form-definition attribute value when viewing AFP files for higher Job Viewer fidelity.**
 - **Enhanced user interface with LDAP user lookup in the Management Interface and Management Console.**
 - **Dropped all 32-bit common clients (Command Line Client, InfoPrint Select, Submit Express). You can use the 64-bit clients available with the Common Client product media.**
For more information, see *InfoPrint Manager for Windows: Planning Guide* and *InfoPrint Manager for Windows: Getting Started*.
 - **Dropped support for HP-UX and Sun/Solaris command line client.**
For more information, see *InfoPrint Manager for Windows: Planning Guide* and *InfoPrint Manager for Windows: Getting Started*.
 - **PPFA Feature is now supported on Windows 64-bit platforms (in 32-bit compatibility mode).**
For more information, see *InfoPrint Manager: Page Printer Formatting Aid for AIX and Windows*.
 - **Dropped VC++ 2005 and 2008 redistributable package from the server installer.**
For more information, see *InfoPrint Manager for Windows: Planning Guide*.
 - **Dropped support for RadHat Enterprise Linux 6.x**
For more information, see *InfoPrint Manager for Windows: Planning Guide*.
 - **The display of rip attributes in the detailed-messages attribute is now available.**
 - **You can now use AFP Full Text Search Capability with Job Viewer.**
For more information, see *InfoPrint Manager: Reference*.
 - **Revised publications:**
 - *InfoPrint Manager for Windows: Planning Guide*, G550-1071
 - *InfoPrint Manager for Windows: Getting Started*, G550-1072
 - *InfoPrint Manager for Windows: Procedures*, G550-1073
 - *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

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- *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
 - *InfoPrint Manager: Page Printer Formatting Aid for AIX and Windows*, S550-0801
 - *InfoPrint Manager: Installing InfoPrint Manager Transform Feature*, G550-20160

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 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

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.

Make sure that all x64 kernel-mode software is signed

Previous x64 versions of Microsoft Windows Server did not require drivers to be signed. However, in the x64 version of Windows Server, all kernel-mode software (including drivers) that runs on the computer must have a signature.

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 Windows and Ricoh ProcessDirector for Windows limitation

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

Capitalization of object names

InfoPrint Manager object names are case-sensitive. However, Windows API is not case-sensitive. Because of this limitation, you cannot have two objects with the same name, even if one of the names has uppercase letters.

When you use Class drivers (type 4 printer drivers), InfoPrint port monitor and InfoPrint TCP/IP Network Port Monitor are not supported.

Use V3 print drivers either shipped with the Windows installation base or downloaded from the manufacturer's website.

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.

Known problems and workarounds

Installing and uninstalling InfoPrint Manager and InfoPrint Transform Manager on the same computer

You can install InfoPrint Manager for Windows and InfoPrint Transform Manager Version 3.0 on the same Windows computer.

Restrictions

You must install InfoPrint Manager before you install InfoPrint Transform Manager.

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*.

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`.

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 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).

CCRs included in Release 4.8.1

Release 4.8 includes resolution for these CCRs:

DE33001	Continuous SNMP communication with devices causes the server to crash after a long period of time (approximately 4 months).
DE34470	Using "device_controls = plex" option in the configuration file, the pcl2afp transformer generates for the PCL XL input files, an AFP output that contains duplexing ON regardless of what was specified in the input file.
DE34300	Fixing PS2AFP (PDF2AFP) transformer incorrect value adjustment of the -w (width) parameter.
DE34695	Enhance the PS2AFP transformer code to support more than 6 input trays to avoid error 0425-157 MISMATCH BETWEEN PRINT DATA SET AND FORMDEF RESOURCE.
DE34812	The Windows server malfunctions or rejects MVS Download jobs when the operating system uses double byte characters set languages (Chinese/Japanese/Korean).
DE34952	Web GUI does not update main area tabs after a delete action is executed on a Job Filter which has an open tab in Main Area.
DE35013	When you apply one or more filters on retained jobs, the jobs disappear after multiple notifications are received.
DE35098	MVS Download service does not start on non-English Windows operating system.

Release 4.8.1 includes resolution for these CCRs:

DE35272	AFP document with constant form controls (page or medium overlay data) printed via PSF Other DSS is missing pages.
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