



Release Notes for InfoPrint Manager for Windows 4.7.2

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This edition applies to InfoPrint® Manager for Windows, 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.**

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

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

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

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

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

- **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
- *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

Limitations on Windows 64-bit platforms

The InfoPrint PPFA component of the InfoPrint Manager for Windows is not supported on the 64-bit operating system.

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.

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.

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 (`d i p r i n t` 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.
DE32903	Custom user settings for InfoPrint Manager Windows services are not preserved during upgrade.
DE33240	ACIF(APKRFLAZ) cores while processing data in some cases.
DE32455	Increase MVSD buffer size for processing job file names and options to avoid failures.
DE32864	Querying jobs on LPD service causes it to crash or display incorrect date.
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.
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.

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