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Release Notes for InfoPrint Manager for Linux (March 2014)

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This edition applies to InfoPrint Manager for Linux. It is available on the Ricoh Production Print Solutions Web site: http://www.infoprint.com

Highlights

This release includes:

- **The InfoPrint Manager enterprise output management software is now available on Linux.** It supports previously existing functions from InfoPrint Manager for AIX or InfoPrint Manager for Windows.

  The original platforms supported both 32-bit (i586) and 64-bit (x86_64):

  – RedHat Enterprise Linux 6

  – SUSE Linux Enterprise Server 11 Service Pack 2 or Service Pack 3

  For more information, see *InfoPrint Manager for Linux: Planning Guide*, G550-20262.

- **For its first release, only InfoPrint Manager for Linux base server is available. Remaining features are planned for the upcoming product updates.**

- **A new InfoPrint Manager Management Interface is available with InfoPrint Manager for Linux.** The Java interface is designed to help administrators configure the InfoPrint Manager server on Linux. The interface has similar functionality existing on the System Management Interface Tool (SMIT) interactive application existing on the AIX version of the product, as well as the Management Console existing on the Windows version of the product.

  For more information, see *InfoPrint Manager for Linux: Getting Started*, G550-20263.

- **A new Common Unix Printing System (CUPS) DSS is available with InfoPrint Manager for Linux.** With the new Linux supported platform, there is a need to offer the same functionality as AIX DSS does on AIX and Passthrough DSS does on Windows. Therefore, the CUPS DSS has been added for InfoPrint Manager for Linux. CUPS DSS allows you to print and control CUPS native printers with InfoPrint Manager the same way the CUPS printing system allows.

  For more information, see *InfoPrint Manager for Linux: Getting Started*, G550-20263.

- **InfoPrint Manager for Linux implemented the Electronic Software Distribution (ESD)**, a solution intended to facilitate the product entitlement and distribution flow while allowing you to try the product before purchasing it, preventing unauthorized use. There are other benefits of electronic software distribution, such as faster delivery and better control and management of your InfoPrint Manager licenses. InfoPrint Manager is available as a 60 day trial version or as a registered version.

⭐ **Important**

All installations of InfoPrint Manager for Linux 4.4 will require a license key to run. If you have already purchased the product, contact your local service representative or sales representative to receive your license, or download the key using your Entitlement ID (EID) https://ricohsoftware-entitlements.com. If you have not purchased the product yet, you can install and run the product in trial mode for 60 days. After you purchase the software, Ricoh Production Print Solutions sends an email with EMS - Entitlement Certificate in the subject line to the email address provided when the order was placed. This email contains your Entitlement ID (EID), which you can use to download your license key from https://ricohsoftware-entitlements.com.

Obtaining a trial version of InfoPrint Manager has never been easier. To download your installation DVD-ROM for one of the supported platforms (AIX, Linux, or Windows), go to: http://www.infoprint.com/internet/ipww.nsf/vwWebPublished/swip_infoprint-manager_en.

At this time only the InfoPrint Manager Base Server is available for your evaluation or purchase.

For more information about product features and Electronic Software Distribution, see *InfoPrint Manager for Linux: Planning Guide*, G550-20262 and *InfoPrint Manager for Linux: Getting Started*, G550-20263.

- **Supports interoperating between AIX-Linux, Linux-Linux, or Linux-Windows InfoPrint Manager servers.**

  For more informations, see *InfoPrint Manager for Linux: Procedures*, G550-20264.

- **InfoPrint Manager for Linux is VMware ready certified.**

- **InfoPrint Manager Administration and Operation GUI client, as well as the Notification Client, are now supported on Linux.** These two existing clients were supported prior to this release only on Windows.

  For more information, see *InfoPrint Manager for Linux: Planning Guide*, G550-20262.

- **Support for running InfoPrint Manager for Linux under High Availability environment using High Availability software delivered with the Linux supported operating system**.

  For more information about running InfoPrint Manager for Linux in High Availability configuration, see *InfoPrint Manager for AIX and Linux: High Availability Guidelines*, G550-20261.

Revised publications:

- *InfoPrint Manager for Linux: Planning Guide*, G550-20262

- *InfoPrint Manager for Linux: Getting Started*, G550-20263

- *InfoPrint Manager for Linux: Procedures*, G550-20264

- *InfoPrint Manager for AIX and Linux: High Availability Guidelines*, G550-20261

- *InfoPrint Manager for AIX and Linux: Configuring and Tunning Guide*, S550-1062

- *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
- *Page Printer Formatting Aid: User's Guide and Reference*, S550-0801
- *AFP Conversion and Indexing Facility: User's Guide*, G550-1342
- *InfoPrint Manager: Dictionary of Keywords*, S550-1188

Function not supported on InfoPrint Manager for Linux

- Infoprint 2000 DSS (available on AIX only)
- IPP DSS (available on Windows only)
- Passthrough DSS (available on Windows only)
- DPF (available on Windows only)

Limitations

InfoPrint Manager for Linux and Ricoh ProcessDirector for Linux limitation

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

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

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`.

AFP Printer Driver

AFP Printer Driver available on the Common Clients CD is not supported on the 64-bit version of Windows XP.

Interchange 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

Daylight Saving Time discrepancies

After Daylight Savings Time changes, depending on your configuration, it is possible to notice discrepancies in their server accounting logs or job submission failures. The problem can be resolved by stopping and starting the InfoPrint Manager server. If you are already experiencing these symptoms or want to avoid them in the future, arrange to have your servers restarted immediately following a Daylight Savings Time change.

CCRs included in Release 4.4

Since this is the first release of InfoPrint Manager for Linux, there are no specific CCRs included, however, the product is picking up all available fixes available on InfoPrint Manager for AIX, which are listed below:

CCR	Description
1-1JUNPDF	PSF does not issue an "END" command at the end of a PTOCA object with OEG. The "END" command should be issued to let the printer know when to come out of a text-object processing, otherwise the job is unsuccessful. Currently there is no known IPDS printer that supports PTOCA objects with OEG.
1-1LQ9EZK	The MVS Download receiver does not receive jobs from the AFP Download Plus when mft (multiple file transfer) is used.
1-1LY7FGF	The ainmain program core dumps on exit on specific AIX version.
1-1MDRGYK	InfoPrint Manager MVS Download fails to clean up resulting MO:DCA-P file when multiple data set jobs are received.
1-1MNE91O	Provide accounting information for jobs that are completed with errors in *<actual_destination_name>.accounting.log.error*.
1-1NBCL2V	Error Message 0424-228: If more than 7 input trays are defined, the actual destination reports that no input trays are available on PSF Other.
1-1NFSL03	The Page Segment placed in incorrect position when going through ACIF.
1-1NG578W	Increases the default value for the printer-memory attribute on the PSF Other-driver DSS from 1024 to 65535 kilobytes.
1-1ODPBYE	PCL sniffer calculates incorrectly the number of pages for a PCL document when raster information contains '1B' octet (Escape Sequence indicating PCL command).
1-1PFNLV5	Umlaut German character not rendered on capital letter when pcl2afp transform is used.
1-1QPJELS	Transform jpeg2afp fails with memory error on large files.
1-1S6V9D3	The SAP2AFP transformer does not keep text justified for OTF documents.
1-1SCY16P	The PCL secondary output incorrect on duplex side 2 only.
1-1TTSFRR	InfoPrint Select job settings dialog is always displayed when the user enables the folder redirection.

Trademarks

These terms are trademarks or registered trademarks of Ricoh Co., Ltd., in the United States, other countries, or both:

- Advanced Function Presentation
- Advanced Function Printing
- AFCCU
- AFP
- Bar Code Object Content Architecture
- BCOCA
- InfoPrint
- Infoprint
- Intelligent Printer Data Stream
- IPDS
- Mixed Object Document Content Architecture
- MO:DCA
- Ricoh

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- S/370
- S/390
- z/OS