



# Release Notes for InfoPrint Manager for Linux 4.4.2 (October 2015)



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This edition applies to InfoPrint Manager for Linux, Version 4 Release 4 Modification 2. It is available on the Ricoh Production Print Web site: <http://rpp.ricoh-usa.com/>

## What's new in Release 4.4.2?

- **Added interrupt message page report for printing a report page of data stream error or printer interventions that occurred during printing.**
  - **interrupt-message-report-enabled.** Indicates whether InfoPrint Manager is running with Interrupt Message Report (IMR) on or off.
  - **interrupt-message-report-form-definition.** Identifies the form definition to use when generating interrupt message report pages.

For more information, see *InfoPrint Manager: Reference*, S550-1052.

- **Added support for V8 toner IP4100 printers.**

- InfoPrint 4100-HS1
- InfoPrint 4100-HD1-HD2
- InfoPrint 4100-TS2
- InfoPrint 4100-TD3-TD4

For more information, see *InfoPrint Manager: Reference*, S550-1052, and *InfoPrint Manager for Linux: Planning Guide*, G550-2026.

- **Added row height setting for InfoPrint Manager Administration and Operation GUI.**

InfoPrint Manager offers support to customize the view by changing the spacing between the objects in the main area of the screen. You can switch between the Compact and Spacious views using the customization dialog from the Options menu.

## Revised Information

### Updated the requirements table from InfoPrint Manager for Linux: Planning Guide

This information will be added to **Verifying requirements for all InfoPrint Manager installations** section in *InfoPrint Manager for Linux: Planning Guide*, the next time this book is published.

InfoPrint Manager for Linux is a 32-bit application, running using the root user, on 32-bit (i686) and 64-bit (x86\_64) operating systems. However, for the 64-bit versions of the operating systems, the 32-bit compatibility versions of run-time libraries are required.

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## Red Hat Enterprise Linux 6 or Red Hat Enterprise Linux 7

Package	Min. Version (RH ENT 6.0)	Note
glibc	2.12-1.7.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libstdc++	4.4.4-13.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libgcc	4.4.4-13.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
cups-libs	1.4.2-35.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
gtk2-engines	2.18.4-5.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libcanberra-gtk2	0.22-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
eject		any version
mailx		any version
nfs-utils	1.2.2-7.el6	
libICE	1.0.6-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libSM	1.1.0-7.1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXau	1.0.5-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution

libxcb	1.5-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXext	1.1-3.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXi	1.3-3.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXmu	1.0.5-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXrender	0.9.5-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXt	1.0.7-1.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
libXtst	1.0.99.2-3.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution
PackageKit-gtk-module	0.5.8-13.el6	install i686 (32-bit) package on x86_64 (64-bit) distribution

**Install procedure** (with automatic install of dependencies):

<b>x86_64</b>	<b>i686</b>
<b>yum install</b> package.i686 (32-bit) another_package.i686 (32-bit) ...	<b>yum install</b> package another_package ...

## SUSE Linux Enterprise Server 11

Package	Min. Version SLES-11-SP2	Note
glibc glibc-locale	2.11.3-17.31.1	on i686 (32-bit) distribution
glibc-32bit glibc-locale-32bit	2.11.3-17.31.1	on x86_64 (64-bit) distribution
glibc-i18ndata	2.11.3-17.31.1	any version
libstdc++46	4.6.1_20110701-0.13.9	on i686 (32-bit) distribution
libstdc++46-32bit	4.6.1_20110701-0.13.9	on x86_64 (64-bit) distribution
libgcc46	4.6.1_20110701-0.13.9	on i686 (32-bit) distribution
libgcc46-32bit	4.6.1_20110701-0.13.9	on x86_64 (64-bit) distribution
cups-libs	1.3.9-8.44.1	on i686 (32-bit) distribution
cups-libs-32bit	1.3.9-8.44.1	on x86_64 (64-bit) distribution
gtk2-engines	2.16.1-4.26	on i686 (32-bit) distribution
gtk2-engines-32bit	2.16.1-4.26	on x86_64 (64-bit) distribution
libcanberra-gtk	0.18-2.1.225	on i686 (32-bit) distribution
libcanberra-gtk-32bit	0.18-2.1.225	on x86_64 (64-bit) distribution
xorg-x11-libICE	7.4-1.15	on i686 (32-bit) distribution
xorg-x11-libICE-32bit	7.4-1.15	on x86_64 (64-bit) distribution

xorg-x11-libSM	7.4-1.18	on i686 (32-bit) distribution
xorg-x11-libSM-32bit	7.4-1.18	on x86_64 (64-bit) distribution
xorg-x11-libXext	7.4-1.16.21	on i686 (32-bit) distribution
xorg-x11-libXext-32bit	7.4-1.16.21	on x86_64 (64-bit) distribution
xorg-x11-libXrender	7.4-1.14	on i686 (32-bit) distribution
xorg-x11-libXrender-32bit	7.4-1.14	on x86_64 (64-bit) distribution
xorg-x11-libXt	7.4-1.17	on i686 (32-bit) distribution
xorg-x11-libXt-32bit	7.4-1.17	on x86_64 (64-bit) distribution
xorg-x11-libs	7.4-8.26.32.1	on i686 (32-bit) distribution
xorg-x11-libs-32bit	7.4-8.26.32.1	on x86_64 (64-bit) distribution
eject		any version
mailx		any version
nfs-kernel-server	1.2.3-18.17.2	any version

## 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)

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# Limitations

## Search results not displayed when entering Japanese characters in InfoPrint Manager Web GUI help system

The search engine does not return any search results when entering Japanese symbols.

## 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.

## Accounting information when printing PJJ nested jobs to Ricoh controller devices reports 0 (zero) pages completed

Accounting information when printing PJJ nested jobs to Ricoh controller devices reports 0 (zero) pages completed both 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

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.

## 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**.

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## 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.

## Times New Roman font issue

If you use the *Times New Roman* font, with spaces, the file is not ripped correctly and an error message is displayed. This problem is specific to ripping PDF files as opposed to both PDF and PostScript files.

To solve the problem, regenerate the PDF file requesting *TimesNewRoman* instead of *Times New Roman* by removing the spaces in the font name. If the change of the input file is not possible, remove the installed *TimesNewRoman* font from the PostScript font directory that causes a suitable font substitution to occur.



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## CCRs included in Release 4.4.2

Release 4.4.2 includes resolution for these CCRs:

1-1URRKY5	Issues are encountered with APF2PDF when converting the SBCS outline fonts that have the same character set using different code pages.
DE17711	The PDF2AFP transformer fails with error:%%[ Error: invalidfont; Offending Command: findfont ]%%.
DE18219	PS2AFP generates invalid AFP data if the specific collate and copy options are being used.
DE18299	Memory leak surfacing on multi server instances communication.
DE19491	Printing AFP datastream when the object environment group in the EPS objects don't specify an OBP structured field caused the EPS object to be printed only partially.
DE19661	PS2AFP does not always map media to input tray properly.
DE19704	Custom exit programs for MVS Download Receiver can't be saved using Management Interface (MMI) on Linux.
DE19723	Set the correct counters in statfile.log when the file gets recreated by InfoPrint Manager.
DE20020	PSF Other Nack 021E..01 issued for Set Extended Color command due to the invalid range check for PTOCA SEC command.
DE20124	When printing on PSF-Other DSS, the highlighted section is separated from the text on a different page.
DE20281	The background hatching is too dark when printing with PSF-Other DSS.
DE20697	InfoPrint Manager automatic license registration fails with version 4.4.
DE20698	InfoPrint Manager 4.4.1 SAP client : ipm_submit fails with error "pdpr:\5010-452\ Cannot\ communicate\ with\ the\ communication\ daemon\ on\ port\ 0".
DE20733	Rotated text from overlay in the AFP file is not displayed correctly when using InfoPrint Manager Web GUI Job Viewer.
DE20970	Add EDGETOEDGE PCL command support for PCL2AFP transform and JobViewer.
DE21054	Blank line is incorrectly inserted on top of the pdaccount command results.
DE21131	SAP2AFP generates incorrect AFP data Object Classification Triplet X'10' which causes IPDS exception X'0218..02', action code X'01' on the actual destination.
DE21177	Form definition ignored when printing to Email DSS.

DE21215	If server (pdserver), SAP callback daemon (sapcbd) or transformer clients (acif, afp2pdf pcl2afp, pdf2afp, ps2afp, sap2afp) are called before the licensing daemon is started, they will get a permanent error message: "5010-151 The licensing server is not running". Workaround is a system reboot.
DE21217	Running transforms clients (acif, afp2pdf pcl2afp, pdf2afp, ps2afp, sap2afp) by a non-root user fails with error message: "5010-151 The licensing server is not running."
DE21208	The IOCA image from the AFP file is not viewed correctly when the data spans across more than one IPD structure field.
DE21400	When using page-select attribute for AIX, CUPS, or Passthrough DSS, the PJJ command is inserted in the wrong order. It causes some devices to ignore other settings.
DE21430	The PCL files with sides=2 are no longer transformed duplex by PCL2AFP.
DE21656	InfoPrint Manager reports "5010-083 A system error occurred while trying to process this request" when running pdservers request data from the pdservers that are stopped.
DE21762	Email-DSS fails (randomly) to process jobs when submitting jobs with concurrent pdpr commands.
DE21775	InfoPrint Management Interface on Linux allows FST groups to be deleted, when it should not.
DE22280	The afpReorder utility does not keep the last IMM.
DE22285	The pdpr -l option (symbolic link) does not work with -H parameter.
DE22478	When product runs in Italian or French, the AFP file submitted to printer hangs in processing state.
DE22502	The tiff2afp error 0429-262 should not be issued when INKSET tag is found in tiff file.
DE22518	Incorrect parameter name RESOURCEDATAPATH in afp2pdf.cfg and email.cfg files instead of RESOURCE_DATA_PATH.
DE22550	Email DSS incorrectly uses afp2pdf.cfg file instead of email.cfg.
DE22669	The default halftone file is used instead of the expected when setting a specific halftone or a specific toner version.
DE22868	Misplaced font mapping files of AFP2PDF transform, cause Job Viewer to display garbled AFP data in some cases.
DE22871	Auxiliary end sheet not honored when page-select attribute is used on PSF Other DSS.
DE22944	Pages Completed and Octets Completed are always 0 in accounting log for an Email DSS.

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DE23347	Sending a PDF through email DSS with maintain-original-filename=false is ignored when document-formats-ripped-at-destination=pdf or job-ripped-by-server=false.
DE23902	Printing with PSF Other DSS with mapping option "ReplicateAndTrim" fails when image size equals object area size.

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