
InfoPrint Manager 4.5 (5648-F40)

Overview

Effective Enterprise Output Management (EOM) is vital to driving reductions in the Total Cost of Operations (TCO) of output and related print processes. Ricoh's premier EOM solution, InfoPrint Manager, is a robust enterprise application print management tool designed to fully support output processes, including distributed office print, high speed production, decentralized production, and enterprise application printing.

The Description section of this document describes the new function in this release of InfoPrint Manager.

Description

This release of InfoPrint Manager includes:

- Support for full native 64-bit operating systems*.
The following table shows the support for InfoPrint Manager Clients with the supported Operating Systems.

InfoPrint Manager Client	AIX	Linux	Mac	Windows
Command Line Client	64-bit	32-bit 64-bit	64-bit	32-bit 64-bit
SAP Client	64-bit	32-bit 64-bit	n/a	32-bit 64-bit
InfoPrint Select	n/a	32-bit 64-bit	64-bit	32-bit 64-bit
Submit Express	n/a	n/a	64-bit	32-bit 64-bit
Notification Client	64-bit	64-bit	n/a	32-bit 64-bit
Java GUI client	n/a	64-bit	n/a	32-bit 64-bit

*ACIF, PPFA, and PDF/PS2AFP are components still available as 32-bit applications.

- Improved security with the enablement of running InfoPrint Manager as a non-privileged user on both AIX and Linux
- Support for Windows Clustering
- Availability of a new 5 year maintenance option
- Citrix XenApp support for InfoPrint Select clients
- Improved print quality for FS45 LZW compression
- Improved (HTML5) Help system for Java GUI, Submit Express, Linux Management Interface and Submit Express
- Updated IPP Gateway to IPP V2.0 to allow for multiple mobile client job submissions
- Elimination of the requirement that RSH (Remote Shell) or SSH (Secure Shell) be available on the SAP and IPM systems with InfoPrint Manager SAP client for Linux
- Elimination of the requirement to restart the InfoPrint Manager Server because of Daylight Saving Time
- Enhanced the Mac InfoPrint Select client with an uninstall script and the ability to sign with the Apple Developer Certificate to ensure application integrity
- Improved security by disabling the Tomcat SSL connector

- Upgraded TomCat to version 8.0.21
- Installation of the Web GUI by default with the base server installation
- Added an option to the Java GUI that enables switching between Spacious and Compact views
- Replaced withdrawn IBM TCP/IP Network Port Monitor with InfoPrint TCP/IP Network Port Monitor with the InfoPrint Manager for Windows version
- Added support for PCL Secondary for additional barcodes: GS1 and Royal Mail Mailmark
- Changed PCL Secondary for an existing triplet (0x9C - Presentation Space Size triplet) to support SVG object types and added a new triplet (0xFF - Triplet Extender triplet) to extend the local names for secondary resources (FQN 0xBE triplet type) for SVG object types
- Added Halftones for Version 8 toner on selected InfoPrint 4100 models: HS1, HD1, HD2, TS2, TD3, and TD4
- Added Ricoh Pro 7100/7110 and Ricoh Pro C9100/C9110 support
- Added Support for InfoPrint Font Collection 3.4 (New AFP Asian Classic Fonts)
- Updated IBM/Oracle to Java 8 – InfoPrint Manger uses IBM Java on AIX and Oracle on Linux and Windows
- Added new Operating System Support
 - Windows 10 Client Support for clients of InfoPrint Manager
 - SLES 11 SP4
 - SLES 12
 - Mac OS X 10.10 for Select LDAP, Select non-LDAP, Command Line Client, Submit Express and InfoPrint Job Ticker
- Withdrawal of support for Windows XP and Windows 2008 Withdrawal of support for Windows InfoPrint PPDs with IBM withdrawn printers
- Withdrawal of support for coexistence of Ricoh ProcessDirector and InfoPrint Manager on Windows operating systems

No Charge Upgrades from IPM 4.4 to IPM 4.5 with current maintenance Support.

All IPM V4.5 installations will require license keys. Trial license keys are also available for 60 days, after which IPM will stop working unless a license key is obtained.

- **No Charge Upgrades to IPM 4.5 with current maintenance support.** Customers who currently own InfoPrint Manager (IPM) V4.4 or earlier releases with current maintenance support are eligible for a free upgrade to IPM V4.5. Once an order is processed for an upgrade, a license entitlement certificate (EID) will be issued that will allow customers to download license keys.
- Customers who currently own InfoPrint Manager (IPM) V4.4 with current maintenance support are eligible for a free upgrade to IPM V4.5. Once an order is processed for an upgrade, a license entitlement certificate (EID) will be issued that will allow customers to download license keys. All IPM V4.5 installations will require license keys. Trial license keys are also available for 60 days, after which IPM will stop working unless a license key is obtained.
- Customers who currently own IPM V4.4 with current maintenance can also download IPM V4.5. New license keys will be required for customers already licensed for the same features and platform under IPM V4.4.

InfoPrint Manager Limitations

- The following are InfoPrint Manager Limitations:
 - PPFA is still available as a 32-bit application. PPFA is not supported on:
 - Windows 64-bit operating systems
 - Linux
 - 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 datastreams that process small (one bit monochrome) images with transparency enabled also use the original algorithms.
 - Internet Protocol IPv6 is not supported. Internet Protocol IPv4 is required.
 - MVS Download cannot be used with multiple data sets that have already been indexed (contain AFP TLEs).

- The SAP2AFP transform command does not create IS/3 compliant AFP output when converting an ABAP file by specifying 3 as value for the -is flag.
- 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. 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.
- InfoPrint Manager for AIX 4.5 does not coexist with any version of RICOH Process Director due to 64-bit architectural changes.

The following functions are not supported on InfoPrint Manager for Linux:

- InfoPrint 2000 DSS (available on AIX only)
- IPP DSS (available on Windows only)
- Pass-through DSS (available on Windows only)
- DPF (available on Windows only)
- Coexistence of RPD and IPM on the same Linux system

InfoPrint Manager has implemented Electronic Software Distribution (ESD).

- The Electronic Software Distribution (ESD) is a solution intended to facilitate product entitlement and distribution while allowing the product to be used as a trial before purchase. ESD also prevents 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.
- 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) from <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 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>.
- For more information about product features and Electronic Software Distribution, see the InfoPrint Manager Planning and Getting Started guides.
- In addition to the production license, restricted use licenses, enterprise licenses and cold back-up licenses are available.

Item Numbers

New item numbers are now available for 5-year maintenance.

Software Requirements

InfoPrint Manager for AIX 4.5

- AIX 6.1 (64 bit kernel) TL09 minimum
- AIX 7.1 (64 bit kernel) minimal TL03 is required

InfoPrint Manager for Linux 4.5

- RedHat Enterprise Linux Server 6 (x86 and x86_64)
- RedHat Enterprise Linux Server 7 (x86_64)
- SUSE Linux Enterprise Server 11 Service Pack 3 or 4 (x86 and x86_64)

- SUSE Linux Enterprise Server 12 (x86_64)

InfoPrint Manager for Windows 4.5

InfoPrint Manager 4.5 supports only 64 bit versions of Windows for servers and supports mixed 32-bit and 64-bit for clients.

Windows 10 is only supported for clients.

Server supported 64-bit operating systems are:

- Windows Server 2008 R2 Standard SP1 or later
- Windows Server 2008 R2 Enterprise SP1 or later
- Windows Server 2012 Standard
- Windows Server 2012 R2 Standard
- Windows 7 Professional SP1 or later
- Windows 7 Ultimate SP1 or later
- Windows 7 Enterprise SP1 or later
- Windows 8 Pro
- Windows 8 Enterprise
- Windows 8.1 Pro
- Windows 8.1 Enterprise

Client supported 32-bit operating systems are:

- Windows 7 Professional SP1 or later
- Windows 7 Ultimate SP1 or later
- Windows 7 Enterprise SP1 or later
- Windows 8 Pro
- Windows 8 Enterprise
- Windows 8.1 Pro
- Windows 8.1 Enterprise
- Windows 10 Pro
- Windows 10 Enterprise

Client supported 64-bit operating systems are:

- Windows Server 2008 R2 Standard SP1 or later
- Windows Server 2008 R2 Enterprise SP1 or later
- Windows Server 2012 Standard
- Windows Server 2012 R2 Standard
- Windows 7 Professional SP1 or later
- Windows 7 Ultimate SP1 or later
- Windows 7 Enterprise SP1 or later
- Windows 8 Pro
- Windows 8 Enterprise
- Windows 8.1 Pro
- Windows 8.1 Enterprise
- Windows 10 Pro
- Windows 10 Enterprise

Publications

<http://info.rpp.ricoh-usa.com/help/index.jsp>

All InfoPrint Manager Publications have been revised, and in some cases, reorganized as part of the deliverables for Version 4.5.0

InfoPrint Manager 4.5 includes these publications that apply to all three platforms: AIX, Linux, and Windows:

- InfoPrint Manager: Pull Print Installing and Configuring Guide, G550-20129-08
- InfoPrint Manager afp2pdf Transform Feature: Installing and Using, G550-1057-04
- InfoPrint Manager: SAP R/3 Planning and Configuration Guide, G550-1051-10
- InfoPrint Manager Print-on-Demand Feature: Using Submit Express and Job Ticketer, G550-20271-02
- InfoPrint Manager: PSF and Server Messages, G550-1053-08
- InfoPrint Manager: Reference, S550-1052-13
- InfoPrint Manager: High Availability Guidelines, G550-20261-02
- InfoPrint Manager: Dictionary of Keywords, S550-1188-05
- Page Printer Formatting Aid: User's Guide, S550-0801-04
- AFP Conversion and Indexing Facility, G550-1342-04
- InfoPrint Font Collection: Font Summary, G550-20001-04

Note: Help for InfoPrint Manager GUIs is included with the appropriate GUI.

InfoPrint Manager for AIX ships with these publications:

- InfoPrint Manager for AIX: Planning Guide, G550-1060-10
- InfoPrint Manager for AIX: Getting Started, G550-1061-11
- InfoPrint Manager for AIX: Procedures, G550-1066-11
- InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide, S550-1062-06

InfoPrint Manager for Linux ships with these publications:

- InfoPrint Manager for Linux: Planning Guide, G550-20262-02
- InfoPrint Manager for Linux: Getting Started, G550-20263-03
- InfoPrint Manager for Linux: Procedures, G550-20264-02
- InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide, S550-1062-06

InfoPrint Manager for Windows ships with these publications:

- InfoPrint Manager for Windows: Planning Guide, G550-1071-10
- InfoPrint Manager for Windows: Getting Started, G550-1072-12
- InfoPrint Manager for Windows: Procedures, G550-1073-11

Note: The publications are included in the InfoPrint Manager User Documentation CD (GK4T-20023-05), which contains the publications in both HTML and PDF formats.

Japanese publications are not available.

Language Support

InfoPrint Manager 4.5 is available in English, French, Italian, German, Spanish, and Japanese.

Customer Responsibilities

The customer is responsible for installing, configuring, maintaining and using this product according to documented procedures, and for using the product in accordance with the Ricoh Software License Agreement, which can be found at this Web link:

<http://info.rpp.ricoh-usa.com/help/index.jsp?topic=%2Fcom.infoprint.software.license%2Flicenseshome.html>

Additional customer responsibilities can be found in the Software Support Handbook under your responsibilities at this Web Link:

http://rpp.ricoh-usa.com/images/uploads/Software_Support_Handbook.pdf

Terms and Conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with Ricoh are contained in the applicable contract documents, such as the Ricoh Software License Agreement and the Ricoh Software Maintenance Agreement for Production Printing Software.

Licensing

The Ricoh Software License Agreement governs your use of the program. These programs have a One-time-charge (OTC) for use of the program, and an annual or multi-year renewable charge for ongoing support, which includes telephone assistance, as well as access to updates and new releases of the program as long as support is in effect.

Maintenance Service Offerings

InfoPrint Manager is covered by the Ricoh Software Maintenance Agreement for Production Printing Software. This agreement applies for subscription and support (also referred to as software maintenance) when purchased with the software product or as a subsequent renewal of software maintenance. The software maintenance agreement does not require customer signatures.

While your software maintenance is in effect, RICOH provides assistance for routine, short-duration installation and usage (how to) questions and code-related questions. RICOH provides telephone assistance, and if available, electronic access, only to your Information Systems (IS) technical support personnel during normal business hours (published prime shift hours) of the RICOH support center. This assistance is not available to end users. RICOH provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, consult the Ricoh website at:

<http://rpp.ricoh-usa.com>

Software maintenance does not include assistance for the design and development of applications, your use of programs in other than their specified supported operating environment, or failures caused by products for which RICOH is not responsible under this agreement.

Ordering Information

Marketing channels

Ricoh Sales Specialists

Warranty Period

The program is warranted for 90 days as stated in the Ricoh Software License Agreement.

Accessibility by people with disabilities

Base InfoPrint Manager Accessibility capabilities and characteristics apply to this InfoPrint Manager update.

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on the product accessibility compliance can be requested via the Web site at:

<http://www.ricoh-usa.com/about/accessibility/accessibility.aspx?alnv=access>

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