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Customer Reference Document: InfoPrint Manager V4.7 (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.

Enhancements in this Release V4.7

This release of InfoPrint Manager includes:
- New Linux Mobile Secure Print feature and secure printer attachment licenses:
    - Installs on premise in a customer Linux environment
    - Can be delivered as an on-premise, hosted, or hybrid
    - Offers an integrated AnyPlace print solution within InfoPrint Manager
    - Enables customers to print securely from network printers through mobile devices
    - Allows users to choose favorite printers
    - Enables users to track mobile printing jobs
    - Provides ability to authenticate mobile users via Active Directory /LDAP
    - Provides QR code job release on printers which don't natively support AnyPlace printing.
    - Easy AnyPlace & Secure print for Host, ERP, SAP
- New PDF Windows driver for use with the Linux Mobile Secure Print feature. The PDF driver brings the following benefits:
    - eliminates the management of many and multi-vendor drivers, multiple Windows queues in a mixed fleet environment, and the complex process of printer maintenance
    - a unified user interface; same user experience when printing to a Ricoh or Xerox device
    - optimization for thin environments (Citrix)
    - a single driver solution for Windows printing, in conjunction with InfoPrint Select and InfoPrint Manager for Linux.
- PDF was added as default supported value for document format of any destination that supports passthrough printing
- Added page-select support for PDF document formats for AIX/CUPS/Passthrough DSS'es.
- InfoPrint Select for Windows enhancements:
    - You can now change the target printer from the Windows taskbar menu
    - You can now choose between Domain\User and SamAccountName for LDAP SSO authentication
- InfoPrint Manager Server discovery over the network based on DNS record.
- CUPS DSS supports mapping InfoPrint Manager attributes and values to driver (PPD) print options
- CUPS DSS optimization related to job status and accounting
- Job status delivered via CUPS is improved after reducing time between print jobs with pull print
- Job status and accounting delivered via pioinfo backend when processing nested PJL JOB commands was improved
- InfoPrint Manager allows standard (non pull-print) jobs to be printed on a pull-print-printer. The printer can now print both pull-print jobs and standard jobs
- Limitation about accounting information for nested jobs to Ricoh controller was lifted. To enable it, add enable-ustat-count (Linux) or -w (AIX) to the destination-command attribute
- InfoPrint Manager Pull Print feature supports connecting with Ricoh StreamlineNX 3.1 for job release
- Web GUI enhancements
    - Job submission is now possible using the Web interface
    - The usability for job handling is improved
    - The usability on properties dialogs for all types of objects is enhanced

- o The usability on the object and job panels is enhanced
  - o The usability on mobile devices is improved
  - o More actions are available when multiple objects are selected
  - o User on boarding improvement
  - o The InfoPrint Manager Web Server and the Web interface now start automatically
- Job Viewer capability to search in PDF documents
- License Key Management Application (LKMA) and pdlicmgm are enhanced to support renewal of licenses without uninstallation of expired licenses
- Trial licensing compatibility with grace period and time tampering is enhanced
- InfoPrint Manager server protection against port scanning software is enhanced
- InfoPrint Manager can schedule jobs based on job page count number instead of file size
- InfoPrint Manager System Migration (ISMU) Utility can now be run from MMI/MMC and SMIT interfaces
- New Printer Support for – Ricoh Pro VC40000, Ricoh Pro 8200S, 8210S, 8220S, 8210, and 8220
- The InfoPrint Manager Printer Attachment Features was revised and updated. The revised printer speeds for each of the printer attachment categories is displayed below.
  - o Workgroup Printer Engine - Required to install and use InfoPrint-driven printers that print in the range of 0 to 80 pages per minute
  - o Low Speed Printer Engine - Required to install and use InfoPrint-driven printers that print in the range of 81 to 150 pages per minute
  - o Medium Speed Printer Engine - Required to install and use InfoPrint-driven printers that print in the range of 151 to 400
  - o High Speed Printer Engine - Required to install and use InfoPrint-driven printers that print in the range of 401 to 1999 pages per minute
  - o Ultra High Speed Printer Engine - This is required to install and use InfoPrint-driven printers that print 2000 pages per minute or faster.
- Added support for Mac 10.13 (Select, Command Line Client, Submit Express)
- Print-on-Demand feature is withdrawn with this release
  - o The Print-on-Demand feature is no longer available for purchase. The InfoPrint Submit Express and AFP Workbench applications are now available with the Common Client DVD, while the PPML2AFP transform is available with the base server installation. The InfoPrint Job Ticketer and Halftone Management System applications are no longer available with InfoPrint Manager
- Dropped support for Mac OS versions: 10.9, 10.10, 10.11
- Dropped support for SuSE Linux Enterprise Server 11
- Dropped support for Windows Server 2008
- InfoPrint Manager for Windows server running on other language than English can now convert correctly values sent in inch to mm for various attributes
- Technology currency (update to Artifex Ghost PCL 9.22, TomCat 8.5.23, Java Oracle 8u152 and IBM 8SR5, InstallAnywhere 2017, InstallShield 2017)

Item Numbers

The following table contains the item numbers that have been added or withdrawn in InfoPrint Manager V4.7.

ITEM NUMBER	DESCRIPTION	Change
5648-F40-0007	IPM LINUX Mobile Secure Print Option	New
5648-F40-0002	IPM POD Option	Withdrawn

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Software Requirements

InfoPrint Manager V4.7 for AIX
- AIX 7.1 (64 bit kernel) TL04 SP1 minimum is required
- AIX 7.2 (64 bit kernel) no minimal is required

InfoPrint Manager V4.7 for Linux

- RedHat Enterprise Linux Server 6 (x86_64)
- RedHat Enterprise Linux Server 7 (x86_64)
- SUSE Linux Enterprise Server 12 (x86_64)

InfoPrint Manager V4.7 for Windows

InfoPrint Manager 4.7 supports only 64 bit versions of Windows for servers and supports mixed 32-bit and 64-bit for clients.

Server supported 64-bit operating systems are:

- Windows Server 2012 Standard
- Windows Server 2016 Standard

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 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
- Windows Server 2012 Standard
- Windows Server 2016 Standard

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Publications

All publications are downloadable from the Ricoh Information Center at:

RPP Information Center or

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

The following publications that apply to all three platforms: AIX, Linux, and Windows:

- InfoPrint Manager: Secure Print - Installing and Configuring , G550-20129-10
- InfoPrint Manager afp2pdf Transform Feature: Installing and Using, G550-1057-06
- InfoPrint Manager: SAP R/3 Planning and Configuration Guide, G550-1051-13
- InfoPrint Manager: PSF and Server Messages, G550-1053-10
- InfoPrint Manager: Reference, S550-1052-16
- InfoPrint Manager: High Availability Guidelines, G550-20261-04
- InfoPrint Manager: Dictionary of Keywords, S550-1188-07
- Page Printer Formatting Aid: User's Guide, S550-0801-04
- AFP Conversion and Indexing Facility, G550-1342-06
- InfoPrint Font Collection: Font Summary, G550-20001-07

InfoPrint Manager for AIX ships with these publications:

- InfoPrint Manager for AIX: Planning Guide, G550-1060-12
- InfoPrint Manager for AIX: Getting Started, G550-1061-15
- InfoPrint Manager for AIX: Procedures, G550-1066-15
- InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide, S550-1062-08

InfoPrint Manager for Linux ships with these publications:

- InfoPrint Manager for Linux: Planning Guide, G550-20262-05
- InfoPrint Manager for Linux: Getting Started, G550-20263-07
- InfoPrint Manager for Linux: Procedures, G550-20264-06
- InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide, S550-1062-10
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InfoPrint Manager for Windows ships with these publications:

- InfoPrint Manager for Windows: Planning Guide, G550-1071-12
- InfoPrint Manager for Windows: Getting Started, G550-1072-16
- InfoPrint Manager for Windows: Procedures, G550-1073-15

Note: The publications are included in the InfoPrint Manager Base Server DVD for each platform, which contains the publications in a PDF format.

Japanese publications (Getting Started and Procedures for AIX, Linux and Windows) will be available.

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Language Support

InfoPrint Manager Version 4.7 is initially available in English on February 23, 2018. Version 4.7 will be available on April 20, 2018 in French, Italian, German, Spanish, and May 18 in Japanese.

InfoPrint Manager Limitations

The following are InfoPrint Manager Limitations:

- PPFA is still available as a 32-bit application. PPFA is not supported on:
    o   Windows 64-bit operating systems
    o   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, Linux and Windows 4.7 does not coexist with any version of RICOH Process Director due to 64-bit architectural changes.
- Adobe PDF Print Engine limitation - Adobe PDF Print Engine does not support Red Hat Enterprise Server 6. To use Adobe PDF Print Engine, update your operating system to SUSE Linux Enterprise Server 12 or Red Hat Enterprise Server 7.

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)

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:

Ricoh Software License Agreement or

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:

Software Support Handbook or

http://rpp.ricoh-usa.com/images/uploads/Software_Support_Handbook_V8.pdf

Terms and Conditions

RICOH InfoPrint Manager is offered by Ricoh USA, Inc. in the United States and by one or more of its affiliates in selected countries outside of the United States, collectively ("Ricoh").

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, but not limited to, the Ricoh Software License Agreement (RSLA) and the Ricoh Software Maintenance Agreement for Production Printing Software.

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The RSLA governs your use of the program. Your invoice serves as your License Confirmation as defined in the RSLA. These programs have a One-time-charge (OTC) for use of the program, and an annual (or multi-year if available) renewable charge for ongoing support, which includes telephone assistance, as well as access to updates and new releases of the program as long as you have a current software maintenance agreement in effect.

Maintenance Service Offerings

Ricoh includes one year of software maintenance with the initial license acquisition of each program acquired under the terms of Ricoh Software Maintenance Agreement for Production Printing Software, which does not require customer signatures.

While covered under the terms of the software maintenance agreement, Ricoh provides you assistance for your routine, short-duration installation, and usage (how to) questions, as well as code defect support and access to Product Updates, releases, and versions of the program.

Ricoh provides assistance via telephone and, if available, electronic access, only to your Information Systems (IS) technical support personnel during normal business hours (published prime shift hours) of your Ricoh support center. This assistance is not available to your end users. Ricoh provides Severity 1 assistance 24 hours a day, every day of the year.

Software maintenance does not include assistance for the design and development of applications, program modifications, print data-streams, 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.

Limited Warranty

RICOH InfoPrint Manager is warranted as stated in the Ricoh Software License Agreement

Ordering Information

InfoPrint Manager is composed of a base license, required printer attachment features based on the rated speed in impressions per minute of printers driven by the server running InfoPrint Manager, and several optional features. For detailed ordering information contact your local Ricoh representative.

For the Linux Mobile Secure Feature, the smallest number of secure print printers that you can purchase is 5. The 'group of 5 printers' feature supports between 1 and 5 secure printers.

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:

Accessibility or

http://www.ricoh-usa.com/about/accessibility/accessibility.aspx?utm_id=46&ainv=access

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