
Customer Reference Document: InfoPrint Manager V4.8 (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 V4.8

This release of InfoPrint Manager includes:

Adds InfoPrint Transform Manager Feature to provide end-to-end transform capabilities

- Integrates function of the InfoPrint Transform Manager program, which was withdrawn from the market in June 2018
- Converts large, complex Adobe® PDF and PostScript® files into AFP with outstanding price/performance
- Standardizes print operations on the reliable, scalable AFP architecture and supported Intelligent Printer Data Stream™ (IPDS™) printers
- Brings non-compliant PDF files into compliance with the current PDF specification to aid transform speed
- Runs automatically with InfoPrint Manager for Linux, Windows, or AIX; or standalone with the use of a command line
- The feature is available for purchase with all variants of the InfoPrint Manager AIX, Linux and Windows, but it can only be installed on a standalone Linux or Windows server

Web GUI enhancements

- Adds full search function of AFP jobs
- Improves ease of viewing the middle part of the screen, including queues
- Enables contextual menu customization
- Addresses accessibility enhancements that includes focus, minimal keyboard navigation and acceleration

Improved Linux Mobile Secure Print (LMSP) Feature

- Adds Linux and Mac driver support
- Enables Copies, Duplex, and Force Black and White options in the Mobile Applications and on the MFP
- Enhanced user interface with LDAP user lookup in the Management Interface and Management Console
- Technical Currency & Updates

Additional Resource Management & Support

- Additional Support Resource-context attribute for E-mail DSS that enables more flexibility for the users to put resources in multiple places
- Displays job transform attributes in the job log
- Adds a new notification in case the job is automatically re-routed
- Enhances tracing on AIX and Linux in the custom steps
- Improves halftone support for InfoPrint 4100 models
- Changes the default filesystems on Linux to xfs. as it is commonly used Printer Support

New Printer Support & Technologies

- Added support for RICOH Pro C7200, C7200S, C7200SL, C7200SX, C7200X, C7210, C7210S, C7210SX, C7210X, C9200, C9210, RICOH Pro 8300S, 8310, 8310S, 8320, 8320S printers.

- Added support for Windows Server 2019 Standard.
- Added support for SUSE Linux Enterprise Server 15 and Oracle Linux Server 7.5.
- Added the capability to use the job form-definition attribute value when viewing AFP files for Job Viewer fidelity.
- Dropped all 32-bit common clients (Command Line Client, InfoPrint Select, Submit Express)
- Dropped support for HP-UX and Sun/Solaris command line client.
- Dropped support for RHEL 6.x.
- PPFA Feature is only supported on Windows 64-bit platforms (in 32-bit compatibility)

Item Numbers

There are new items added or items associated with InfoPrint Transform Feature. There are no items being withdrawn in InfoPrint Manager V4.8. New customer orders will be fulfilled with the latest version of InfoPrint Manager Software.

InfoPrint Transform Feature Items

Item	Description
5648-F40	InfoPrint Manager V4.8
5648-F40-OC002	IPM OPTIONAL BASE OPTION CLASS
5648-F40-0008	IPM TRANSFORM OPTION
5648-F40-OC004	IPM UPGRADE OPTIONAL FEATURES OPTION CLASS
5648-F40-0139	IPM TRANSFORM UPGRADE
5648-F40-R059	IPM RU TRANSFORM UPGRADE
5648-F40-OC005	IPM MEDIA OPTION CLASS
5648-F40-S001A-04/08	IPM FOR AIX MEDIA
5648-F40-S002W-04/08	IPM FOR WINDOWS MEDIA
5648-F40-S003L-04/08	IPM FOR LINUX MEDIA
5648-F40-S0002-04/08	IPM PPFA MEDIA
5648-F40-S0004-04/08	IPM AIX JAPANESE POSTSCRIPT FONTS MEDIA
5648-F40-S0013	IPM TRANSFORM MEDIA
5648-F40-T0008	IPM TRANSFORM - TRIAL
5648-F40-OC006	IPM RESTRICTED USE OPTION CLASS
5648-F40-R0011	IPM RU TRANSFORM OPTION
5648-F40-OC007	IPM COLD BACKUP OPTION CLASS
5648-F40-C0011	IPM TRANSFORM COLD BACKUP
5648-F40-OC008	IPM SW MAINT 1 YR REGISTRATION OPTION CLASS
5648-R11-0082	IPM TRANSFORM 1 YR REG
5648-F40-OC009	IPM SW MAINT 1 YR RENEWAL OPTION CLASS
5648-R11-0102	IPM TRANSFORM 1 YR REN
5648-F40-OC010	IPM SW MAINT 1 YR AFTER LICENSE OPTION CLASS
5648-R11-0122	IPM TRANSFORM 1 YR AFTER LIC
5648-F40-OC011	IPM SW MAINT 3 YR REGISTRATION OPTION CLASS
5648-R33-0121	IPM TRANSFORM 3 YR REG
5648-F40-OC012	IPM SW MAINT 3 YR RENEWAL OPTION CLASS
5648-R33-0122	IPM TRANSFORM 3 YR REN
5648-F40-OC013	IPM SW MAINT 3 YR AFTER LICENSE OPTION CLASS
5648-R33-0123	IPM TRANSFORM 3 YR AFTER LIC
5648-F40-OC014	IPM RU SW MAINT 1 YR REGISTRATION OPTION CLASS
5648-Q11-0035	IPM RU TRANSFORM 1 YR REG
5648-F40-OC015	IPM RU SW MAINT 1 YR RENEWAL OPTION CLASS
5648-Q11-0061	IPM RU TRANSFORM 1 YR REN
5648-F40-OC016	IPM RU SW MAINT 1 YR AFTER LICENSE OPTION CLASS
5648-Q11-0081	IPM RU TRANSFORM 1 YR AFTER LIC
5648-F40-OC017	IPM RU SW MAINT 3 YR REGISTRATION OPTION CLASS
5648-Q33-0036	IPM RU TRANSFORM 3 YR REG
5648-F40-OC018	IPM RU SW MAINT 3 YR RENEWAL OPTION CLASS
5648-Q33-0056	IPM RU TRANSFORM 3 YR REN

5648-F40-OC019	IPM RU SW MAINT 3 YR AFTER LICENSE OPTION CLASS
5648-Q33-0076	IPM RU TRANSFORM 3 YR AFTER LIC
5648-F40-OC022	IPM SW MAINT 5 YR REGISTRATION OPTION CLASS
5648-R50-0140	IPM TRANSFORM 5 YR REG
5648-F40-OC023	IPM SW MAINT 5 YR RENEWAL OPTION CLASS
5648-R50-0141	IPM TRANSFORM 5 YR REN
5648-F40-OC024	IPM SW MAINT 5 YR AFTER LICENSE OPTION CLASS
5648-R50-0142	IPM TRANSFORM 5 YR AFTER LIC
5648-F40-OC025	IPM RU SW MAINT 5 YR REGISTRATION OPTION CLASS
5648-Q50-0051	IPM RU TRANSFORM 5 YR REG
5648-F40-OC026	IPM RU SW MAINT 5 YR RENEWAL OPTION CLASS
5648-Q50-0071	IPM RU TRANSFORM 5 YR REN
5648-F40-OC027	IPM RU SW MAINT 5 YR AFTER LICENSE OPTION CLASS
5648-Q50-0091	IPM RU TRANSFORM 5 YR AFTER LIC
5648-F40-OC028	IPM SW MAINT 2 YR REGISTRATION OPTION CLASS
5648-R20-0099	IPM TRANSFORM 2 YR REG
5648-F40-OC029	IPM SW MAINT 2 YR RENEWAL OPTION CLASS
5648-R20-0119	IPM TRANSFORM 2 YR REN
5648-F40-OC030	IPM SW MAINT 2 YR AFTER LICENSE OPTION CLASS
5648-R20-0139	IPM TRANSFORM 2 YR AFTER LIC
5648-F40-OC031	IPM RU SW MAINT 2 YR REGISTRATION OPTION CLASS
5648-Q20-0051	IPM RU TRANSFORM 2 YR REG
5648-F40-OC032	IPM RU SW MAINT 2 YR RENEWAL OPTION CLASS
5648-Q20-0071	IPM RU TRANSFORM 2 YR REN
5648-F40-OC033	IPM RU SW MAINT 2 YR AFTER LICENSE OPTION CLASS
5648-Q20-0091	IPM RU TRANSFORM 2 YR AFTER LIC
5648-F40-OC034	IPM SW MAINT 4 YR REGISTRATION OPTION CLASS
5648-R40-0099	IPM TRANSFORM 4 YR REG
5648-F40-OC035	IPM SW MAINT 4 YR RENEWAL OPTION CLASS
5648-R40-0119	IPM TRANSFORM 4 YR REN
5648-F40-OC036	IPM SW MAINT 4 YR AFTER LICENSE OPTION CLASS
5648-R40-0139	IPM TRANSFORM 4 YR AFTER LIC
5648-F40-OC037	IPM RU SW MAINT 4 YR REGISTRATION OPTION CLASS
5648-Q40-0010	IPM RU TRANSFORM 4 YR REG
5648-F40-OC038	IPM RU SW MAINT 4 YR RENEWAL OPTION CLASS
5648-Q40-0029	IPM RU TRANSFORM 4 YR REN
5648-F40-OC039	IPM RU SW MAINT 4 YR AFTER LICENSE OPTION CLASS
5648-Q40-0049	IPM RU TRANSFORM 4 YR AFTER LIC

Software Requirements

InfoPrint Manager V4.8 for AIX (64-bit kernel)

- AIX 7.1 TL04 SP1 minimum is required
- AIX 7.2 no minimum is required

InfoPrint Manager V4.8 for Linux (64-bit kernel)

- CentOS 7
- RedHat Enterprise Linux Server 7
- SUSE Linux Enterprise Server 12
- SUSE Linux Enterprise Server 15
- Oracle Linux Server 7.5.

InfoPrint Manager V4.8 for Windows

InfoPrint Manager 4.8 supports only 64-bit versions of Windows for servers and clients.

Server supported operating systems are:

- Windows Server 2012 Standard
- Windows Server 2012 R2 Standard (Update KB2919355)
- Windows Server 2016 Standard
- Windows Server 2019 Standard

Client supported 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

Publications

All publications are available for download from the Ricoh Production Print Information Center at this Web link:

[RPP Information Center](#) or

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

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

- Installing InfoPrint Manager Transform Feature - G550-20160-01
- InfoPrint Manager: Secure Print: Installing and Configuring, G550-20129-13
- InfoPrint Manager afp2pdf Transform Feature: Installing and Using, G550-1057-07
- InfoPrint Manager. Using the Transform Feature, G550-20160-01
- InfoPrint Manager: SAP R/3 Planning and Configuration Guide, G550-1051-16
- InfoPrint Manager: PSF, Server, and Transform Manager Messages, G550-1053-11
- InfoPrint Manager: Reference, S550-1052-19
- InfoPrint Manager for AIX and Linux: High Availability Guidelines, G550-20261-06
- InfoPrint Manager: Dictionary of Keywords, S550-1188-09
- Page Printer Formatting Aid: User's Guide, S550-0801-06
- AFP Conversion and Indexing Facility, G550-1342-07
- InfoPrint Font Collection: Font Summary, G550-20001-07

InfoPrint Manager for AIX ships with these publications:

- InfoPrint Manager for AIX: Planning Guide, G550-1060-15
- InfoPrint Manager for AIX: Getting Started, G550-1061-18
- InfoPrint Manager for AIX: Procedures, G550-1066-18
- InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide, S550-1062-11

InfoPrint Manager for Linux ships with these publications:

- InfoPrint Manager for Linux: Planning Guide, G550-20262-08
- InfoPrint Manager for Linux: Getting Started, G550-20263-10
- InfoPrint Manager for Linux: Procedures, G550-20264-09
- InfoPrint Manager for AIX and Linux: Configuring and Tuning Guide, S550-1062-11

InfoPrint Manager for Windows ships with these publications:

- InfoPrint Manager for Windows: Planning Guide, G550-1071-15
- InfoPrint Manager for Windows: Getting Started, G550-1072-19
- InfoPrint Manager for Windows: Procedures, G550-1073-18

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

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

Language Support

InfoPrint Manager V4.8.0 is available in English.

Translations will be updated in InfoPrint Manager V4.8.1 for French, Italian, German, Spanish, and Japanese.

InfoPrint Manager Limitations

The following are InfoPrint Manager Limitations:

- 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.
- 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 or Windows 4.8 does not coexist with any version of RICOH ProcessDirector.
- Ricoh PDF Driver available with the Linux Mobile Secure Print feature has the following limitations:
 - When you print from Microsoft Word, Black and White printing setting might result in printing objects in color.
 - When you print from Microsoft Excel, some shading patterns might be missing.
 - Missing logo from PDF File in some cases could be resolved by using setting "Print as Image".
 - Printing of encrypted PDF is not supported.
 - The PDF Driver is not WHQL certified.
 - Microsoft Word documents that contain the Print Field option cannot be printed. You can print the document after you remove the Print Field option from the document.
- 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.
- The LMSP feature is not supported on SLES 15.

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:

[Support and Downloads](#) or

<https://www.ricoh-usa.com/en/support-and-download>

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”).

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Licensing:

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 if you have a current software maintenance agreement in effect.

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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 this Web site:

[Accessibility](#) or

<https://www.ricoh-usa.com/en/about-us/corporate-responsibility-and-environmental-sustainability/accessibility>

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