
InfoPrint Transform Manager V2.2 for AIX, Linux, and Windows Announcement

Overview

In today's global business environment, printing is a strategic decision—one that can have a profound effect on business growth and agility. The InfoPrint Transform Manager for AIX, Linux®, or Windows Version 2, Release 2 software is designed to increase your print system flexibility and offload more of your IT/print environment. Now you can extend the simplicity and transparency of automated print data stream transformation to transform servers running on AIX, Linux, or Windows. Further, InfoPrint Transform Manager works in tandem with InfoPrint Manager and IBM Infoprint Server for z/OS® to boost efficiency and help lower operating costs.

Advanced Function Presentation (AFP) is an open, published standard in the print industry for printing variable data at very high speeds with exceptional integrity. In the past, AFP form definitions, page definitions, and other AFP objects made printing easy. Now complex variable data, images, SAP (OTF and ABAP), PCL, PostScript, and PDF files need to be converted to take advantage of secure and reliable AFP printing. This means you may need more processing power - possibly more than the existing server can provide—to keep the printers running.

InfoPrint Transform Manager can help provide this power. It allows PDF, PostScript, PCL, SAP (OTF and ABAP), and image formats (TIFF, GIF, and JPEG) to be automatically offloaded to a dedicated system for conversion to AFP, and then returned for printing. It can also convert AFP data into PDF. With transform bottlenecks reduced or eliminated, your print production workflow can run more efficiently, which can improve device utilization.

The enhanced InfoPrint Transform Manager is designed to integrate seamlessly with InfoPrint Manager for AIX, InfoPrint Manager for Windows, and Infoprint Server for z/OS to handle your data—and image—intensive transforms. The print server can automatically route appropriate print jobs to InfoPrint Transform Manager. When the jobs are complete, InfoPrint Transform Manager can return them for printing on AFP printers or on PDF printers (AFP to PDF transform).

The print server continues to manage and monitor print jobs, but it lets InfoPrint Transform Manager handle the bulk of the intense transform work, helping to improve the efficiency of the output workflow system. Transformation is transparent to job submitters or print operators.

With improved speed for PDF and PostScript files, InfoPrint Transform Manager can help you slash processing time for complex, large files. A PDF rebuild capability can help bring non-compliant PDF files into compliance with the current PDF specification so they can be transformed at top speeds. The graphical user interface (GUI) can replace command line programming so you can more easily oversee InfoPrint Transform Manager functions, such as font substitution.

InfoPrint Transform Manager allows print jobs to be spread across multiple cores on a single processor, across multiple processors, or across blade servers, so your processing power can grow with your needs. Start with an entry-level dual-processor server (at least two physical processors are required for the minimum configuration) or a blade server, and add more blades or processors when you need to increase transform processing power. InfoPrint Transform Manager offers automatic blade configuration to simplify installation with InfoPrint Transform Manager for Linux.

InfoPrint Transform Manager can also provide investment protection. Common Transform Technology, a core component of the software, allows future transforms to be integrated easily and quickly. In addition, InfoPrint Transform Manager strives to operate at the most current specification levels for the supported data stream transforms to help keep up with evolving requirements.

Build a foundation for the future with InfoPrint Transform Manager. Improved utilization and flexibility of transforms can help reduce complexity and help you optimize resource utilization. With consistent, high-speed transformation across multiple platforms using a dedicated server, you can streamline and accelerate the printing process.

Independent of hardware choices, the platform-independent Linux operating system complements the reliability of AFP technology and supports open, standards-based output. With InfoPrint Transform Manager V2.2, the AIX and Windows operating systems are also supported. The ability to start small and grow as your transform needs increase, combined with the efficiencies delivered by InfoPrint Transform Manager, contributes to a rapid return on investment.

At-a-glance

InfoPrint Transform Manager can help you:

- Convert large, complex PDF and PostScript files into AFP with outstanding performance
- Offload the resource-intensive transform process from your production print server
- Provide consistent, efficient transform output across Ricoh servers and platforms
- Scale transform capacity as your workflows change to include new data streams that must be converted to AFP
- Convert AFP into PDF for electronic delivery of output

Brief Summary

InfoPrint Transform Manager is a scalable system that operates in AIX, Linux, or Windows systems. InfoPrint Transform Manager provides a powerful and cost-effective system for transforming print jobs from the input format to the output format. When data and image transforms are required for Advanced Function Presentation™ (AFP™) printing or for conversion of AFP to PDF, print servers, such as InfoPrint Manager for Windows®, InfoPrint Manager for AIX®, or InfoPrint® Server for z/OS®, can

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send transform requests to InfoPrint Transform Manager for processing across one or more transform servers. Once transformed, the data is automatically returned to the print server for printing or electronic delivery.

You configure the print servers so that print jobs that require transformation are sent to InfoPrint Transform Manager. The user interface lets you define both the print servers that are sending transform requests and the transform servers that are transforming the data. You can also use the user interface to start or stop transform servers and other functions.

Highlights

- Convert large, complex PDF and PostScript® files into AFP with outstanding price/performance
- Convert AFP files into PDF for electronic delivery, web presentation or printing on PDF printers
- Provide consistent, efficient transform output across InfoPrint™ print servers running InfoPrint ProcessDirector, InfoPrint Manager, or IBM z/OS Infoprint Server feature of z/OS. Use multiple cores on a single processor, multiple processors, or blade servers—scale as your needs change
- Standardize print operations on the reliable, scalable, AFP architecture and supported IPDS printers
- Improve print production workflow and help lower total cost of print with a dedicated print data stream transform solution
- Install InfoPrint Transform Manager to run automatically with InfoPrint Manager, or run it stand-alone using a command line.

Announce and General Availability Dates

Planned Announce Date: August 9, 2011

Planned Availability Dates:

Product	US	Canada	EMEA	Asia Pacific	Latin America
	8/12/2011	8/12/2011	8/12/2011	8/12/2011	8/12/2011

Announcement Countries

The printer, features, and supplies will be announced in these countries on the dates indicated in the *Announcement Dates* and *Availability Dates* sections.

Country	Announcement
North America	
Canada	Yes
United States	
EMEA	

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Country	Announcement
Austria	Yes
Belgium	
Denmark	Yes
Finland	Yes
France	Yes
Germany	Yes
Greece	Yes
Israel	Yes
Italy	Yes
Netherlands	Yes
Norway	Yes
Russia	Yes
South Africa	Yes
Spain	Yes
Sweden	Yes
Switzerland	Yes
Turkey	Yes
UK	Yes
AP	
Australia	Yes
Hong Kong	
India	Yes
Korea	Yes
Malaysia	Yes
PRC	Yes
Singapore	Yes
Taiwan	Yes
Japan	Yes
Latin America	
Argentina	Yes
Brazil	
Chile	Yes
Colombia	Yes
Mexico	Yes
Peru	Yes
Venezuela	Yes

Item Numbers

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The software will be announced in these countries on the dates indicated in the *Announcement Dates* and *Availability Dates* sections.

More detailed description of the software item numbers is available in the *Description* section.

5639-ITM InfoPrint Transform Manager V2.2

Item Number	Description
5639-ITM	InfoPrint Transform Manager
5639-ITM-OC001	Optional Features
5639-ITM-0001	InfoPrint Transform Manager
5639-ITM-OC002	Supply Features
5639-ITM-0001-AIX	Media Pack: InfoPrint Transform Manager for AIX
5639-ITM-0001-LNX	Media Pack: InfoPrint Transform Manager for Linux
5639-ITM-0001-WIN	Media Pack: InfoPrint Transform Manager for Windows
5639-ITM-E0001-AIX	Electronic Download: InfoPrint Transform Manager for AIX
5639-ITM-E0001-LNX	Electronic Download: InfoPrint Transform Manager for Linux
5639-ITM-E0001-WIN	Electronic Download: InfoPrint Transform Manager for Windows
5639-ITM-OC003	InfoPrint Transform Manager Software Maintenance 1 Year Registration
5639-ITM-0001-1REG	InfoPrint Transform Manager
5639-ITM-OC004	InfoPrint Transform Manager Software Maintenance 1 Year Renewal
5639-ITM-0001-1REN	InfoPrint Transform Manager- Software Maintenance 1 Year Renewal
5639-ITM-OC005	InfoPrint Transform Manager Software Maintenance 1 Year After License
5639-ITM-0001-1AFT	InfoPrint Transform Manager - Software Maintenance 1 Year After License
5639-ITM-OC006	InfoPrint Transform Manager Software Maintenance 3 Year Registration
5639-ITM-0001-3REG	InfoPrint Transform Manager - Software Maintenance 3 Year Registration
5639-ITM-OC007	InfoPrint Transform Manager Software Maintenance 3 Year Renewal
5639-ITM-0001-3REN	InfoPrint Transform Manager - Software Maintenance 3 Year Renewal
5639-ITM-OC008	InfoPrint Transform Manager Software Maintenance 3 Year After License
5639-ITM-0001-3AFT	InfoPrint Transform Manager - Software Maintenance 3 Year After License

Product Withdrawals

In addition to announcing InfoPrint Transform Manager V2.2, InfoPrint is withdrawing InfoPrint Transform Manager V2.1 effective August 12, 2011. End of service for InfoPrint Transform Manager V2.1 is August 10, 2012.

Description

InfoPrint Transform Manager handles data and image transform processing from print servers by balancing and managing transform requests across multiple transform servers. You interact with Transform Manager through a user interface on a Web browser.

InfoPrint Transform Manager includes these components:

Coordinator

The coordinator communicates with these print servers:

- InfoPrint Manager for AIX and Windows (as a separate product)
- InfoPrint ProcessDirector for AIX, Linux, and Windows (InfoPrint Transform Manager server embedded in IPPD, transforms sold as separate features)
- Infoprint Server for z/OS (as a separate product)

The coordinator balances the transform requests across transform servers.

Transform server

The transform server manages these print data and image transforms:

- AFP
- PCL
- Adobe PDF and PostScript
- GIF
- JPEG
- SAP
- TIFF

The transforms convert the print data and image data to AFP. There is also a transform to convert AFP to PDF.

User interface

The user interface lets you define print servers to InfoPrint Transform Manager and start, stop, and manage the transform servers. If you install multiple, separately licensed InfoPrint Transform Manager systems, you can use the user interface from any installation to add and manage the transform servers from the other installations.

Limitations

- TIFF files larger than 2 GB are not supported
- InfoPrint Transform Manager does not provide full color support for PCL 6

Performance considerations

Transform execution speed varies with the data stream type, job length, output resolutions, and the density and complexity of the average page. Careful evaluation, including benchmarking key jobs, might be required to determine feasibility with a particular InfoPrint Transform Manager configuration. In particular, PostScript and PDF data streams vary greatly in complexity and it should be expected that transform speeds for similar but different jobs may be significantly different, even on the same hardware configuration.

Customer Responsibilities

The customer is responsible for installing and using the InfoPrint Transform Manager according to documented procedures and for using the product in accordance with the Ricoh International Product License Agreement (IPLA), which can be found at this Web link:

<http://www.infoprint.com/licenses>

Accessibility

InfoPrint Transform Manager has the following capabilities for vision-impaired users:

- Communication of all information independent of color
- Documentation provided in an accessible format

InfoPrint Transform Manager has the following capability for users with mobility impairments or limited hand use:

- Operation using only the keyboard

Technical Information

Operating Environments

Software Requirements

- AIX 5.3 TL10 and above, 6.1 TL4 and above, 6.x where $x > 1$, and AIX 7.1 – 64-bit only
- Linux operating systems: SUSE Linux Enterprise Server (SLES) 10.0 SP2 and above, 32-bit and 64-bit, or Red Hat Linux 5.4, 5.5 64-bit only. Blades are supported only on SUSE Linux.
- Windows Server 2003 and 2008 64-bit.
- Supported browsers include: Internet Explorer® 6.0 or later or Mozilla Firefox.
- InfoPrint Manager V4.3 for AIX or later, InfoPrint Manager for Windows V2.3 or later, or PSF for z/OS V4R3 is required to print the transformed AFP output of InfoPrint Transform Manager.
- If you want to install InfoPrint Transform Manager in graphical mode an XWindows system is required.
- InfoPrint Transform Manager V2.2 can be ordered for electronic delivery, and is managed with license keys.

Hardware Requirements

Ricoh recommends a server with the following minimum configuration. Your specific configuration needs will vary depending upon planned workloads.

- Intel® 32-bit or 64-bit platform (ITM will run in 32-bit compatibility on 64-bit platforms)
- Two 3.0 GHz or faster processors or a blade server with a minimum of two blades
- Minimum of 2 GB RAM
- DVD drive

Publications

InfoPrint Transform Manager for AIX, Linux, and Windows: Planning and Installing, G550-20160-00

InfoPrint Transform Manager for AIX, Linux, and Windows: License Information, G550-20158-00

Terms and Conditions

InfoPrint Transform Manager is offered by Ricoh Production Print Solutions LLC 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 International Program License Agreement (IPLA) and the International Agreement for Acquisition of Software Maintenance.

Licensing:

The IPLA govern your use of the program. Your invoice serves as your Proof of Entitlement. 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 International Agreement for Acquisition of Software Maintenance, 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 PTF updates, releases, and versions of the program.

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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 warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. Ricoh does not warrant uninterrupted or error-free operation of the program or that Ricoh will correct all program defects. You are responsible for the results obtained from the use of the program. Ricoh may provide you with access to databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. Consult the Ricoh Software Support Handbook for further information at

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Ricoh will maintain this information for at least one year after the original licensee acquires the program.

Money-back Guarantee: If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it; if within 30 days of your invoice date you return the program and invoice or a copy thereof to the party from whom you obtained it. If you download the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

Ordering Information

New Order Instructions

InfoPrint Transform Manager V2.2 is a configured product. To purchase a new license, specify new order as the order type and specify 1 or 3 years maintenance. The interface will automatically specify 5649-ITM-xxx as the base item and select the corresponding 1 or 3 year registration maintenance feature.

Note that you need *at least two* InfoPrint Transform Manager licenses since the minimum configuration requires a two-processor server. Order an InfoPrint Transform Manager V2.2 license for each processor on which it will be run. For example, an xSeries server with two processors requires two licenses. You do not need to order licenses for cold backup installations.

Upgrade Instructions

All customers who have an existing license of InfoPrint Transform Manager for Linux V2.1 and a current software maintenance agreement are eligible for a no charge upgrade to InfoPrint Transform Manager

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V2.2. Note that InfoPrint Transform Manager V2.2 has a different Product Identifier than V2.1. To order the upgrade, contact your Ricoh representative, or authorized Business Partner. They will specify the new Product Identifier 5639-ITM in the configurator, along with associated Software Maintenance.

InfoPrint Transform Manager for AIX, Linux, and Windows V2.2 consists of a base with no optional features. It is licensed per processor.

Note: You need at least two InfoPrint Transform Manager licenses since the minimum configuration requires a two-processor or two blade server. Order an InfoPrint Transform Manager V2.2 license for each processor on which it will be run. For example, a Windows server with two processors requires two licenses. You do not need to order licenses for cold backup installations.

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