
InfoPrint XT V3.1 for AIX and Windows Announcement

Overview

Since Xerox first introduced all-points-addressable page printers in the mid 1970s, businesses have developed thousands of applications that produce a special form of line data called Line Conditioned Data Stream (LCDS) that consists of line data print records with embedded Xerox printer commands (Dynamic Job Descriptor Entries or DJDEs). Those commands took advantage of the more flexible formatting capabilities of Xerox's new cut sheet page printers – electronic forms, changing fonts on a page, variable line spacing, flexible data placement, and more. The foundation of LCDS was Xerox's proprietary metacode data format. Many applications and document composition programs used metacode directly to achieve even more flexibility for page layouts.

As the print industry matured, however, the need was seen for a more structured and standard way to produce enhanced document formatting without embedded application controls. Sophisticated document composition programs emerged that generated what was then an IBM print architecture called Advanced Function Presentation (AFP). AFP is now an open, published standard in the print industry for printing variable data with nearly unlimited flexibility for page and document formatting, at very high speeds, and with exceptional integrity. Customers need a way to migrate their legacy Xerox applications to an architected, standard format like AFP without having to change tens of thousands of lines of application code.

InfoPrint XT is a set of programs that help you easily convert Xerox resources into their AFP equivalents and store them centrally on a server running InfoPrint Manager or InfoPrint ProcessDirector where they can be centrally managed for an entire fleet of printers from a single location, instead of at each individual printer. The InfoPrint XT program dynamically converts LCDS or metacode data into AFP, combining it with the converted AFP resources to produce the same output on an AFP printer as the original application on a Xerox printer.

Highlights

InfoPrint XT does the following:

- Transforms Xerox LCDS and metacode to AFP, enabling you to standardize on the open industry-standard AFP architecture for production printing

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- Provides resource conversion tools for easy migration of fonts, forms, logos, and images
- Includes a JSL compiler for modification of existing Xerox print environment control resources
- Enables migration of Xerox highlight color applications to color printers with much enhanced color capabilities
- Supports Fuji Xerox IBM3200 control codes, monochrome FRMs, and the LPI DJDE

Announce and General Availability Dates

Planned Announce Date: September 13, 2011

Planned Availability Dates:

Product	US	Canada	EMEA	Asia Pacific	Latin America
	9/16/2011	9/16/2011	9/16/2011	9/16/2011	9/16/2011

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	
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

Country	Announcement
Spain	Yes
Sweden	
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

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.

5765-XTA InfoPrint XT Version 3 Release 1

Item Number	Description
5765-XTA	InfoPrint XT
5765-XTA-OC001	Optional Features
5765-XTA-0001	InfoPrint XT
5765-XTA-OC002	Upgrade Features for Upgrade from 5799-GTF/5799-RZA
5765-XTA-U001	InfoPrint XT Base Upgrade
5765-XTA-OC003	Supply Features

Item Number	Description
5765-XTA-S0001-AIX	InfoPrint XT for AIX
5765-XTA-S0001-WIN	InfoPrint XT for Windows
5765-XTA-E0001-AIX	Electronic Download: InfoPrint XT for AIX
5765-XTA-E0001-WIN	Electronic Download: InfoPrint XT for Windows
5765-XTA-S0001-ENID	XT Product Key
5765-XTA-OC004	Infoprint XT Software Maintenance 1 Year Registration
5765-XTA-0001-1REG	Infoprint XT Software Maintenance 1 Year Registration
5765-XTA-OC005	Infoprint XT Software Maintenance 1 Year Renewal
5765-XTA-0001-1REN	Infoprint XT Software Maintenance 1 Year Renewal
5765-XTA-OC006	Infoprint XT Software Maintenance 1 Year After License
5765-XTA-0001-1AFT	Infoprint XT Software Maintenance 1 Year After License
5765-XTA-OC007	Infoprint XT Software Maintenance 3 Year Registration
5765-XTA-0001-3REG	Infoprint XT Software Maintenance 3 Year Registration
5765-XTA-OC008	Infoprint XT Software Maintenance 3 Year Renewal
5765-XTA-0001-3REN	Infoprint XT Software Maintenance 3 Year Renewal
5765-XTA-OC009	Infoprint XT Software Maintenance 3 Year After License
5765-XTA-0001-3AFT	Infoprint XT Software Maintenance 3 Year After License
5765-XTA-OC010	Restricted Use Licensing Optional Features
5765-XTA-R0001	InfoPrint XT Base
5765-XTA-OC011	Infoprint XT Restricted Use Software Maintenance 1 Year Registration
5765-XTA-R0001-1REG	Infoprint XT Restricted Use Software Maintenance 1 Year Registration
5765-XTA-OC012	Infoprint XT Restricted Use Software Maintenance 1 Year Renewal
5765-XTA-R0001-1REN	Infoprint XT Restricted Use Software Maintenance 1 Year Renewal
5765-XTA-OC013	Infoprint XT Restricted Use Software Maintenance 1 Year After License
5765-XTA-R0001-1AFT	Infoprint XT Restricted Use Software Maintenance 1 Year After License
5765-XTA-OC014	Infoprint XT Restricted Use Software Maintenance 3 Year Registration
5765-XTA-R0001-3REG	Infoprint XT Restricted Use Software Maintenance 3 Year Registration
5765-XTA-OC015	Infoprint XT Restricted Use Software Maintenance 3 Year Renewal
5765-XTA-R0001-3REN	Infoprint XT Restricted Use Software Maintenance 3 Year Renewal
5765-XTA-OC016	Infoprint XT Restricted Use Software Maintenance 3 Year After License
5765-XTA-R0001-3AFT	Infoprint XT Restricted Use Software Maintenance 3 Year After License

Product Withdrawals

In addition to announcing InfoPrint XT V3.1, XT PRPQs for AIX and Windows, 5799-GTF and 5799-RZA, are being withdrawn effective September 16, 2011. End of service for the PRPQs is September 16, 2012.

Description

InfoPrint XT V3.1 is a set of programs that lets you convert Xerox resources and commands into their AFP equivalents and store them on InfoPrint servers for use when printing Xerox applications. A data stream conversion program runs dynamically when a job is submitted to convert the Xerox LCDS or metacode data streams into AFP.

InfoPrint XT includes these programs and components:

Resource Conversion and Management

The resource conversion program converts and manages the following types of resources:

- Converts printable resources, such as fonts, forms, images, and logos to AFP fonts, overlays and page segments
- Reformats print environment control resources, such as JDLs, CMEs, PDEs, STKs, etc. for use in data stream conversions
- Reformats source format files, such as JSLs, FSLs, ISLs, CMDs to readable text files
- Supports resource groups to manage Xerox resources in sets

Data Stream Conversion

The data stream converter performs or enables the following:

- Reads LCDS or metacode input data stream
- Accesses converted Xerox resources
- Applies DJDEs and Logical Processors to data stream
- Writes fully composed AFP output
- Writes optional DJDE report
- InfoPrint Manager or InfoPrint ProcessDirector writes job accounting information

JSL Metrics Compiler

The JSL metrics compiler lets you modify existing JSL source files and process them to extract resource metrics that will change formatting within your Xerox applications. This eliminates the need to keep at least one Xerox LPS printer available in case resources change, which would have required a PDL compiler resident on a Xerox printer.

InfoPrint XT Download Script

A special script used when printing jobs from PSF for z/OS using the AFP Download feature of PSF allows seamless download and printing of mainframe Xerox jobs on InfoPrint Manager or InfoPrint ProcessDirector.

Media Handling for Cut Sheet Printers

An *xmediatypes* parameter associates AFP media types or component IDs with Xerox tray numbers. An *xbinerror* parameter lets you choose what action XT should take if media selection errors occur.

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Automated Cluster Database Processing

The pdxtcluster command simplifies operation on bin selection data base file clustr.lib from a Xerox printer and facilitates migrations from more recent Xerox printers that do not use clustr.lib.

Highlight Color Processing

Xerox highlight color applications can be greatly enhanced for printing on full color AFP cut sheet or continuous form printers. Since the InfoPrint XT color facilities are not tied to a hardware limitation of using only one color toner at a time, you can use multiple solid colors and their associated shades on a page or in a document. You can even create your own custom colors. InfoPrint XT comes with collections of predefined custom colors that can be used immediately.

Limitations

InfoPrint XT is a mature Xerox conversion product that uses most common capabilities of LCDS and metacode. There are some exceptions. Consult the InfoPrint XT publications for known limitations.

Performance considerations

When printing jobs with InfoPrint XT, the formatting and control resources have already been converted before the job starts to print. The dynamic data stream converter is extremely efficient so performance is rarely a consideration while processing jobs.

Customer Responsibilities

The customer is responsible for installing and using InfoPrint XT 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 XT Version 3.1 has the following capabilities for vision-impaired users:

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

Infoprint XT Version 3.1 has the following capability for users with mobility impairments or limited hand use:

- Operation using only the keyboard

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Technical Information

Operating Environments

Software Requirements

InfoPrint XT V3.1 can run on:

- AIX with InfoPrint Manager or InfoPrint ProcessDirector, using
 - AIX 5.3 TL 10 or later
 - AIX 6.1 TL5 (with iFIXz6583461J1) or later
- AIX with InfoPrint Manager, using
 - AIX 7.1
- AIX as a stand-alone product using any of the above AIX versions
- Windows Server 2003 Standard Edition or R2 Standard Edition with current maintenance
- Windows Server 2008 R2 – 64-bit
- Windows XP Professional SP1 or later
- Windows 7 Enterprise and Ultimate – 32-bit or 64-bit

Hardware Requirements

An AIX or Windows server that is appropriately configured and running InfoPrint Manager, or an AIX or Windows server running in an InfoPrint ProcessDirector environment.

Publications

InfoPrint XT for AIX: Installing and Using, G550-1339-01

InfoPrint XT for Windows: Installing and Using, G550-1340-01

InfoPrint XT V3.1 License Information, G550-1366-00

Terms and Conditions

InfoPrint XT 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.

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The IPLA governs 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.

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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.

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

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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 XT Version 3.1 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 5765-XTA as the base item and select the corresponding 1 or 3 year registration maintenance feature.

Upgrade Instructions

All customers who have an existing license of the InfoPrint XT for AIX PRPQ 5799-GTF and a current software maintenance agreement, or InfoPrint XT for Windows PRPQ 5799-RZA and a current software maintenance agreement, are eligible for an upgrade to InfoPrint XT Version 3.1 for an upgrade license charge. Note that InfoPrint XT V3.1 has a different Product Identifier than the XT PRPQ. To order the upgrade, contact your sales representative, or authorized Business Partner. They will specify the new Product Identifier 5765-XTA in the configurator, along with associated Software Maintenance.

InfoPrint XT consists of a base with no optional features. It is licensed per server on which it runs.

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