



Release Notes for RICOH InfoPrint XT 3.4.0.0 for AIX,
Linux and Windows

Release Notes

Overview

This release incorporates all InfoPrint XT for AIX, Linux and Windows enhancements and fixes developed since the original InfoPrint XT release.

The version number for this release is 3.4.0.0 on AIX, Linux and Windows.

The ISOs provided for customer download incorporate the InfoPrint XT 3.4 base code.

Customers still using InfoPrint XT 3.2 will have to uninstall version 3.2, and then install version 3.4.0.0.

Final Release Date

Final Release Date: June 24, 2021

Description

What's New in this Release

RICOH InfoPrint XT for Linux is now a 64-bit application supported by 64-bit Linux operating systems

RICOH InfoPrint XT for Linux has improved performance when processing Xerox data streams up to four times faster compared to the previous release. This allows for improved overall performance and compatibility with more Linux operating systems

XT Data stream dumper

Provides a tool for the analysis of problematic Xerox data streams (LCDS and Metacode). The data stream records are output in EBCDIC, ASCII, or combined format (ASCII, EBCDIC and hexadecimal).

XT Data stream scrambler

Creates scrambled versions of Xerox LCDS data streams containing PII data thus insuring anonymity of sensitive data. The data stream scrambler speeds up troubleshooting and code fixes process for PII data stream issues. It covers only LCDS.

Archive Directives feature

Captures jobs with RICOH ProcessDirector (RPD) + XT or RICOH InfoPrint Manager (IPM) + XT. In the previous version, RPD or IPM flow had to be altered to capture a job.

The new Archive Directives feature requires only a one-line text configuration file to be modified for capturing a job, with no more configuration steps required for RPD or IPM. This feature will simplify instructions sent to customers for capturing the job data when reporting problems

Support for Color Metacode in data streams

RICOH InfoPrint XT now offers support for Color Metacode and Color LCDS in data streams and color in FRMs.

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InfoPrint XT is extending the range of Xerox data streams supported with new supported blocked records format

Problems Fixed in This Release

This release contains fixes for these defects:

- Job having one or more large inline IMGs causes PSF errors due to missing structured fields.
- Improved page generation when DJDE/SK1 records group is encountered.
- Process new Forms format having new type of record block size.
- Convert images that have internal header image name different than image file name.
- Convert fonts that have additional header padding bytes.
- Convert JSL files that have different criteria length vs table string length.
- Convert logos that have new spacing controls.
- Process correctly DJDE when multiple logical pages are encountered.
- Support for empty string C DJDE.
- Corrected RAUX criteria when takes effect too soon with ROFFSET.
- Improved accounting page info for DEPT.
- Multiple inline resources in job failing on SLES Linux.
- Improved performance on Windows when capturing data stream converter input and output.
- Corrected font selection with RAUX criteria.
- Resolved **pdxtx2afp** failure when no space for option.
- Resolved XT failure on Linux with large input files that require conversion tmp files.
- Improved **pdxtclnwork** functionality on Windows.

Limitations

InfoPrint XT is an extensively proven Xerox conversion product that supports the most common capabilities of LCDS and metacode. There are some exceptions. Consult the InfoPrint XT publications for known limitations.

Performance considerations

InfoPrint XT typically converts formatting and control resources separately from job conversion. Combined with an extremely efficient dynamic data stream converter and enhancements described in this AMD, this means performance is rarely a concern when processing jobs. See [What's New in this Release, p. 2](#).

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 Software License Agreement (RSLA).

Technical Information

Operating Environments

Software requirements

InfoPrint XT 3.4 can run on these AIX platforms:

- For InfoPrint XT with InfoPrint Manager:
 - AIX 7.1 Technology Level (TL) 5 Service Pack (SP) 5 or higher (64-bit)
 - AIX 7.2 Technology Level (TL) 3 or higher (64-bit)
- For InfoPrint XT with RICOH ProcessDirector:
 - AIX 7.2 Technology Level (TL) 2 TL 3 Service Pack (SP) 3 or later (64-bit)
- For InfoPrint XT as a stand-alone product:
 - AIX 7.1 Technology Level (TL) 5 Service Pack (SP) 5 or higher (64-bit)
 - AIX 7.2 Technology Level (TL) 3 or higher (64-bit)

InfoPrint XT 3.4 can run on these Linux platforms:

- For InfoPrint XT with InfoPrint Manager:
 - Red Hat Enterprise Linux 7.0 or later (64-bit)
 - Red Hat Enterprise Linux 8.0 or later (64-bit)
 - SUSE Linux Enterprise Server (SLES) 12.0
 - SUSE Linux Enterprise Server (SLES) 15.0
- For InfoPrint XT with RICOH ProcessDirector:
 - Red Hat Enterprise Linux 7.6 through latest 7.X
 - Red Hat Enterprise Linux 8.1 through latest 8.X
 - SUSE Linux Enterprise Server (SLES) 12.0 with Service Pack 4 or above for x86_64 (64-bit)
 - SUSE Linux Enterprise Server (SLES) 15.0
- For InfoPrint XT as a stand-alone product:
 - Red Hat Enterprise Linux 7.0 or later (64-bit)
 - Red Hat Enterprise Linux 8.0 or later (64-bit)
 - SUSE Linux Enterprise Server (SLES) 12.0 or later for x86 with Service Pack 3 (SP3) (64-bit)

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- SUSE Linux Enterprise Server (SLES) 15.0 or later for x86 (64-bit)

InfoPrint XT 3.4 can run on these Windows platforms:

- For InfoPrint XT with InfoPrint Manager:
 - Windows Server 2012 Standard Edition (64-bit)
 - Windows Server 2012 R2 Standard Edition (64-bit)
 - Windows Server 2016 Standard Edition (64-bit)
 - Windows Server 2019 Standard Edition (64-bit)
- For InfoPrint XT with RICOH ProcessDirector:
 - Windows Server 2016 (64-bit)
 - Windows Server 2019 (64-bit)
- For InfoPrint XT as a stand-alone product:
 - Windows Server 2012 Standard Edition (64-bit)
 - Windows Server 2012 R2 Standard Edition (64-bit)
 - Windows Server 2016 Standard Edition (64-bit)
 - Windows Server 2019 Standard Edition (64-bit)
- For **pdxtdownload** for Linux:
 - Red Hat Enterprise Linux 7.0 or later (64-bit)
 - Red Hat Enterprise Linux 8.0 or later (64-bit)
 - SUSE Linux Enterprise Server (SLES) 12.0 or later for x86 with Service Pack 3 (SP3) (64-bit)
 - SUSE Linux Enterprise Server (SLES) 15.0 or later for x86 with latest service packs (64-bit)

Hardware requirements

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

Publications

- InfoPrint XT for AIX: Installing and Using, G550-1339-06
- InfoPrint XT for Linux: Installing and Using, G550-20375-02
- InfoPrint XT for Windows: Installing and Using, G550-1340-06
- InfoPrint XT 3.4 License Information

PDF copies of the AIX , Linux and Windows Installing and Using Guides are shipped with their respective products, and installed in

/usr/opt/pdxt/nls/doc/en_US/pdxtaix.pdf (AIX)

or

/opt/infoprint/pdxt/nls/doc/en_US/pdxtlnx.pdf (Linux)

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%PDXTINSTDIR%\nls\doc\en_US\pdxtwin.pdf (Windows)

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