

Liquent InSight Rendering 4.4 System Support Document (SSD)

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Liquent InSight Rendering 4.4 System Support Document (SSD)

Liquent InSight Rendering® is the rendering and publishing solution for the Liquent InSight platform.

Liquent InSight Rendering consists of a framework that executes:

- Business services on one or more servers to perform requested tasks
- A user interface for configuring the Liquent InSight Rendering framework

The following hardware and software specifications are supported by the servers that make up a Liquent InSight Rendering domain. These minimum specifications for this release have been tested by Software Quality and Testing using a risk-based approach in the listed environments. Different configurations might be needed, depending on user and data requirements.

Liquent InSight Rendering 4.4 Supported Software

Liquent InSight Support

Liquent InSight Rendering 4.4 supports Liquent InSight 6.2 CHF 2 and earlier.

Liquent InSight Rendering 4.4 CHF 1 supports Liquent InSight 6.2 CHF 3 only.

Liquent InSight Rendering 4.4 CHF 1 Hotfix 4.4.1.4 supports Liquent InSight 6.2 CHF 4 only.

Liquent InSight Rendering 4.4 CHF 2 supports Liquent InSight 6.2 CHF 5, CHF 6.

Operating System

Windows Operating System

- Windows Server 2012 R2 Update KB2919355 (minimum release level)

The following is supported starting with Liquent InSight Rendering 4.4 CHF 1

- Windows Server 2016

Document Management Systems (optional)

Liquent InSight Rendering 4.4 supports Documentum Foundation Classes (DFC) 7.2 Patch 3 only.

Liquent InSight Rendering 4.4 CHF 1 and later support the following Documentum REST Services only:

- Documentum 7.2 REST Services (create and configure the services and deploy the `ir-dctm-rest.war` file)
- Documentum 16.4 REST Services (create and configure the services and deploy the `ir-dctm-rest.war` file)

Note: Check Documentum for content server compatibility. If you encounter any issues with compatible content server versions, contact Client Enablement through Technical Support.

Microsoft Office SharePoint Server 2013

OpenText Content Server (formerly Livelink)

- OpenText Content Server 10.5
- OpenText Content Server 10

Note: Unicode characters, including the Japanese character set, are not supported in file paths and folder names. However, Japanese content is supported in documents stored in OpenText Content Server

Veeva Vault

Database Server

Oracle Database

Liquent InSight Rendering 4.4 CHF 2 supports:

- Oracle 19c (12.2.0.3) - 12.2.0.3.0 Standard Edition 2
- Oracle 19c (12.2.0.3) - 12.2.0.3.0 Enterprise Edition

Liquent InSight Rendering 4.4 and 4.4 CHF 1 supports:

- Oracle 12c Release 2 - 12.2.0.1.0 Standard Edition
- Oracle 12c Release 2 - 12.2.0.1.0 Enterprise Edition

To enable successful installation, Administrator installation type must be selected when installing Oracle Database Server.

Database Client

Oracle Client

Liquent InSight Rendering 4.4 CHF 2 supports:

- Oracle 19c (12.2.0.3) - 12.2.0.3.0 Standard Edition 2
- Oracle 19c (12.2.0.3) - 12.2.0.3.0 Enterprise Edition

Liquent InSight Rendering 4.4 and 4.4 CHF 1 supports:

- Oracle 12c Release 2 - 12.2.0.1.0 Standard Edition
- Oracle 12c Release 2 - 12.2.0.1.0 Enterprise Edition

Note:

- For Liquent InSight Rendering 4.4, x86 (32-bit) database client is required.
- For Liquent InSight Rendering 4.4 CHF 1 and CHF 2, x64 (64-bit) database client is required.

To enable successful installation, Administrator installation type must be selected when installing Oracle Database Client.

When connecting to Liquent InSight 6.2 for publishing, Internet Information Server (IIS) is required on at least one of the Liquent InSight Rendering servers

Java Support

Java JRE

- JRE 1.8 update 152 or later (32-bit only) (Supported by Liquent InSight Rendering 4.4)

Note: Must be installed on all Liquent InSight Rendering servers.

- AdoptOpenJDK jdk8u202-b08 64-bit (This replaces Java JRE for Liquent InSight Rendering Java Support, starting from Liquent InSight Rendering 4.4 CHF 1. It is not supported by previous versions.)

Note: JDK must be installed on all Liquent InSight Rendering servers.

.NET Framework

.NET Framework is managed by Windows as a component of the operating system

- .NET Framework 4.5.2, and later CLR 4 versions

PDF Compatibility

Adobe PDF specification

- Version of source document assigned to a Liquent InSight Rendering: Adobe PDF specification 1.4 through 1.7 ISO-32000-1:2008
- Rendered output version: Adobe PDF specification 1.4 through 1.7 ISO-32000-1:2008
- Published output version: Adobe PDF specification 1.4 through 1.7 ISO-32000-1:2008

Liquent InSight Rendering 4.4 Supported Hardware Configuration

- 2.8 GHz quad-core processor based on current Intel platform
- 8 GB RAM or higher
- 35 GB available hard disk space for document rendering
- 50 GB of additional free space for publishing

Your requirements may vary depending on system usage.

Liquent InSight Rendering 4.4 Supported Authoring Applications

Microsoft Office must be installed on your Liquent InSight Rendering server with the English (United States) language pack configured.

All service packs for each of the following applications versions are supported unless otherwise noted.

Your requirements might vary from the following because of system usage.

Application	Version
Microsoft Office*	2016
Microsoft Outlook	2016
Microsoft Project	2016
Microsoft Visio	2016

* Microsoft Office includes Word, Excel, and PowerPoint. If you use the 32-bit version of Microsoft Office, 64-bit only embedded document macros will not work. If you use the 64-bit version of Microsoft Office, 32-bit only embedded document macros will not work.

Note: Liquent InSight Rendering 4.4 does not support AutoCAD.

High Speed Printer Support

These optional components are supported by your Ligent InSight Rendering publishing environment for printing final published output.

Canon imageRUNNER with Canon imagePASS Controller

Ligent InSight Rendering supports a variety of Canon imageRUNNER printers using the Canon imagePASS controller. The Ligent InSight Rendering Printer Type selections are listed below with the specific devices supported.

Canon imageRUNNER with imagePASS-M1/M2 v1.0

- imageRUNNER 7200
- imageRUNNER 8500
- imageRUNNER 85
- imageRUNNER 105

Canon imageRUNNER with imagePASS-M2 v2.x

- imageRUNNER 7200
- imageRUNNER 8500
- imageRUNNER 85
- imageRUNNER 105

Ligent InSight Rendering does not support the iR5020/iR6020 printers because they do not handle index tabs.

Canon imageRUNNER with imagePASS-M3

- imageRUNNER 85PLUS
- imageRUNNER 105PLUS
- imageRUNNER 8070
- imageRUNNER 9070
- imageRUNNER 5570
- imageRUNNER 6570

Canon imageRUNNER with imagePASS-S1

- imageRUNNER 7086
- imageRUNNER 7095
- imageRUNNER 7105
- imageRUNNER 8070

The imagePASS S2 controller supports the imageRUNNER 7086/7095/7105, and the imageRUNNER 5055/5065/5075 Series. According to published specifications, Ligent InSight Rendering should be able to support these printer/controller combinations by using the Canon imageRUNNER with imagePASS S1 selection.

Canon imageRUNNER ADVANCE with imagePASS-U2

Ligent InSight Rendering provides support for the Canon imageRUNNER ADVANCE with imagePASS-U2 controller:

- imageRUNNER ADVANCE 8205
- imageRUNNER ADVANCE 8295
- imageRUNNER ADVANCE 8285
- imageRUNNER ADVANCE 6275
- imageRUNNER ADVANCE 6265
- imageRUNNER ADVANCE 6255

Kodak Network Imaging System Printer (KDKNIS)

Liquent InSight Rendering supports printers using the Kodak/NexPress Network Imaging System Controller. Printer Type selections:

- Canon imageRUNNER 110/125/150
- Heidelberg Digimaster 9110/9150
- IBM Infoprint 2000
- Kodak DIGIMASTER EX
- Network Imaging System Job Ticket with Postscript

Liquent InSight Rendering supports other Network Imaging System based printers that support the DCS +KDK Protocol.

Konica Minolta Printers

Liquent InSight Rendering provides support for the following KONICA MINOLTA printers:

- bizhub PRO 1200P/bizhub PRO 1051
- bizhub PRO 1050/bizhub PRO 1050P

Ricoh Pro Printers

- Ricoh Pro C5200s/C5210s
- Ricoh Pro C5200s/C5210s, US Punch*
- Ricoh Pro C5200s/C5210s, ISO Punch*

*Requires optional hardware

Xerox Printers

Liquent InSight Rendering supports Xerox Printers using the FreeFlow Print Server. The FreeFlow Print Server is supported via Xerox ASCII and XPIF JobTickets.

No special processing is performed by Liquent InSight Rendering for color printers.

The Liquent InSight Rendering Printer Type selections producing ASCII Job Ticket output are:

- Xerox DocuTech 135 (Network Server Plus)
- Xerox DocuTech 6100
- Xerox DocuTech 6135 (ASCII Job Ticket)
- Xerox DocuTech 6180 (ASCII Job Ticket)
- Xerox ASCII Job Ticket with PDF
- Xerox ASCII Job Ticket with Postscript

Liquent InSight Rendering supports all Xerox FreeFlow controlled printers that support the XPIF Job Ticket Protocol. The Liquent InSight Rendering Printer Type selections producing XPIF Job Ticket output are:

- Xerox DocuTech (XPIF)
- DocuPrint 75, 90 (XPIF)
- DocuPrint 75, 90 Postscript (XPIF)
- Xerox DocuPrint 100, 115, 135, 155, 180 EPS (XPIF)
- Xerox DocuPrint 4110, 4590 (XPIF)
- Xerox Nuvera 100, 120, 144 DPS
- Xerox Nuvera EA DPS PS
- Xerox DocuColor 250 - The optional Creo Spire Controller supports XPIF Job Tickets, although this has not been tested with Liquent InSight Rendering. The EFI Fiery controller is not supported.
- Xerox XPIF Job Ticket with Postscript
- Xerox Color 550/560/570 (XPIF)

- Xerox Color 550/560/570 Postscript (XPIF)
- Xerox Color C60/C70 (XPIF)
- Xerox Color C60/C70 Postscript (XPIF)

Liquent InSight Rendering supports all Xerox and FreeFlow controlled printers that support the XPIF Job Ticket Protocol. Creo Spire controlled Xerox printers have not been tested with InSight.

PostScript Printing

The ability to drive all printers in the DocuTechJT, XeroxXPIF, and KDKNIS families via PostScript rather than PDF is available. Using PostScript may solve some PDF problems, such as non-embedded font issues.

In use, the difference is minimal for these printers: a job ticket and output generated as PostScript rather than a job ticket and output generated as PDF. The PostScript output for these printers, like all other printers, is in a file with a PRN extension (.prn = printer-ready output). Liquent InSight Rendering creates the data in the .prn file in a format specific to your printer.

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