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## Ennov InSight 7.2 System Support Document (SSD)

The Ennov InSight7.2 System Support Document (SSD) specifies the minimum hardware and software prerequisites for installing and operating Ennov InSight 7.2.

The software specified must reside on the computer indicated, whether that be the Web client workstation, application server, database server, or publishing servers.

Unless otherwise stated, Ennov InSight is supported for all service packs for the versions of Microsoft, Documentum, and other third party applications on which the product was designed and tested.

If you experience an issue with the product and a service pack released after the release of the product is the cause of the issue, Technical Support will follow the standard support process through to resolution.

If the issue cannot be resolved, Technical Support will recommend uninstalling the service pack from the production environment.

### Ennov InSight Web Desktop Client Specifications

Web desktop client requirements for Ennov InSight .

The minimum specifications for this release have been tested by Quality Control using a risk-based approach in the listed environments. Different configurations may be needed, depending on user and data requirements.

Operating System	English
Windows 10	YES
Web Browser	English
– Microsoft Edge (Recommended)	YES
– Google Chrome (Recommended)	
Support for Viewing	
A desktop application for viewing PDF files is required.	
Linking Applications (optional)	English
Linking plug-in (PDF) 1.9	YES
Linking add-in (Word) 1.9	YES

#### Notes Regarding Web Desktop Client Specifications

To view the documents assigned to an assembly, you must have the corresponding applications for those documents installed on the desktop client.

## Ennov InSight Document Management System

Ennov InSight platform supports the following Documentum REST services.

### Documentum REST Versions

- Documentum 16.4 REST Services
- Documentum 20.2 REST Services

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

Veeva Vault

## SMB Connector Service Hosting Requirements

Requirements for hosting service to process the files and their metadata from any shared file storage.

Software/Hardware	Details
Operating System	Windows 2019
CPU	4 Cores (at least 2GHz)
RAM	4 GB
Disk Space	100MB
Disk IOPs/Bandwidth	N/A
Server Quantity	1 (minimum) per environment.
Load Balancing	Stateless load balancing (from external load balancer) supported for High Availability.

Software/Hardware	Details
Ports	<p>For Storage Account (Ennov InSight Environment):</p> <p>Whitelist Client Public IP to be able to connect to Storage Account</p> <p>For Client VM with SMB connector:</p> <ul style="list-style-type: none"> <li>– SMB Port 445           <ul style="list-style-type: none"> <li>Source: SMB Connector Servers (Client Environment)</li> <li>Destination: File Share (Client Environment)</li> </ul> </li> <li>– HTTPS Port 9098 - Allow for Inbound           <ul style="list-style-type: none"> <li>Source: MCS Servers (Ennov InSight Environment)</li> <li>Destination: SMB Connector Servers (Client Environment)</li> </ul> </li> <li>– HTTPS Port 443 - Allow for Outbound           <ul style="list-style-type: none"> <li>Source: SMB Connector Servers (Client Environment)</li> <li>Destination: Storage Account (Ennov InSight Environment)</li> </ul> </li> <li>– HTTPS Port 9096 - Allow for Outbound           <ul style="list-style-type: none"> <li>Source: SMB Connector Servers (Client Environment)</li> <li>Destination: MCS Servers (Ennov InSight Environment)</li> </ul> </li> <li>– HTTPS Port 9097 - Allow for Outbound           <ul style="list-style-type: none"> <li>Source: SMB Connector Servers (Client Environment)</li> <li>Destination: MCS Servers (Ennov InSight Environment)</li> </ul> </li> </ul> <p>For MCS Servers (Ennov InSight Environment):</p> <ul style="list-style-type: none"> <li>– HTTPS Port 9098 - Allow for Outbound           <ul style="list-style-type: none"> <li>Source: MCS Servers (Ennov InSight Environment)</li> <li>Destination: SMB Connector Servers (Client Environment)</li> </ul> </li> <li>– HTTPS Port 9096 - Allow for Inbound           <ul style="list-style-type: none"> <li>Source: SMB Connector Servers (Client Environment)</li> <li>Destination: MCS Servers (Ennov InSight Environment)</li> </ul> </li> <li>– HTTPS Port 9097 - Allow for Inbound           <ul style="list-style-type: none"> <li>Source: SMB Connector Servers (Client Environment)</li> <li>Destination: MCS Servers (Ennov InSight Environment)</li> </ul> </li> </ul>

Software/Hardware	Details
Software Dependencies	ASP.NET Core 6.0 Runtime - Windows Hosting Bundle Internet Information Services 10.0+
Proximity to File Share	Ennov recommends that the SMB Connector is deployed on the same LAN as the SMB file share. For instructions to deploy SMB connector, see <i>Ennov InSight SMB Connector Installation IQ</i> .

## Additional Specifications

### Azure File Sync Service

To cache Azure files on an on-premises Windows server, you must install an Azure Files Sync Agent on your Windows server and allow access to our Azure endpoints. For more information about Azure File Sync service, see [Azure File Sync Documentation](#).

### Other Applications

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 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.

There are several Ennov InSight Web Desktop Client applications that can provide added functionality when publishing with Ennov InSight .

The following publishing tools will be released with Ennov InSight 7.2.9.

- Linking plug-in (PDF) 1.9
- Linking add-in (Word) 1.9
- Ennov InSight Cumulative View Builder version 2.3
- Ennov InSight Validator 5.1 (latest CHF version)

### Bundled Software

Ennov InSight Validator 5.1: This utility can be installed on the desktop and used to review any published eCTD XML.

## Bundled Software

Linking plug-in (PDF) 1.9: This will be installed on the client desktop. Cross-references may be created for source PDF files, Ennov InSight in-process linking, and published PDF output.

Linking plug-in (PDF) 1.9 supports Ennov InSight 7.2 for in-process linking.

Ennov InSight Cumulative View Builder 2.3. This utility will be installed on the desktop and used to generate Japanese eCTD cumulative XML.

Linking add-in (Word) 1.9: This will be installed on the client desktop. Created cross-references will be resolved in published output for Ennov InSight . (See Linking add-in (Word) documentation for supported operating systems and Word versions.)

## PDF Compatibility

Adobe PDF specification

- Version of source document assigned to a 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

## High Speed Printer Support

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

### Canon imageRunner with Canon imagePASS Controller

Rendering supports a variety of Canon imageRUNNER printers using the Canon imagePASS controller. The 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

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, 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

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)

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

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

### KONICA MINOLTA Printers

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

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 Rendering for color printers.

The 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

Rendering supports all Xerox FreeFlow controlled printers that support the XPIF Job Ticket Protocol. The 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 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)

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). Rendering creates the data in the .prn file in a format specific to your printer.

## Viewing 6.0 System Support Document (SSD) - Client Desktop

Hardware (Minimum)	
System Processor	2.8 GHz Quad Core or faster
System Memory	2 GB RAM
Disk Space	100 MB
Network Card	LAN 10/100/1000 Ethernet Card
Operating System	
Windows 10	
<p><i>Note: Viewing has been tested against en-US locale of the specified operating systems and software.</i></p>	
Documentum REST Versions	
<ul style="list-style-type: none"> <li>– Documentum 16.4 REST Services</li> <li>– Documentum 20.2 REST Services</li> </ul>	
<p><i>Note: Check Documentum for content server compatibility. If you encounter any issues with compatible content server versions, contact Client Enablement through Technical Support.</i></p>	
Veeva Vault	
Browser	
Google Chrome	
Microsoft Edge	

## Application Whitelisting

Whitelist Internet Protocol (IP) address that is appropriate to your region to enable secure access to Ennov InSight on cloud.

**Table 1: West Europe - core-weu-fw01**

Public IP Name	IP address
core-weu-fw01-pip01	51.138.111.15
core-weu-fw01-pip02	20.93.202.208
core-weu-fw01-pip03	20.31.136.52
core-weu-fw01-pip04	20.103.134.147

**Table 2: East US 2 - core-eus2-fw01**

Public IP Name	IP address
azureFirewallIpConfigurations	52.179.221.134
eus2-fw01-pip02	20.75.39.202
eus2-fw01-pip03	20.7.88.202

**Table 3: Central India - core-cin-fw01**

Public IP Name	IP address
azureFirewallIpConfigurations	20.193.248.191
cin-fw01-pip02	20.204.190.159

**Table 4: South India - core-sin-fw01**

Public IP Name	IP address
azureFirewallIpConfigurations	20.40.3.36

**Table 5: Central US - core-cus-fw01**

Public IP Name	IP address
azureFirewallIpConfigurations	52.154.214.225
cus-fw01-pip02	20.98.175.13
cus-fw01-pip03	20.112.250.49

Table 6: North Europe - core-neu-fw01

Public IP Name	IP address
azureFirewallIpConfigurations	52.156.207.38
core-neu-fw01-pip02	20.82.159.20
core-neu-fw01-pip03	52.158.30.81
core-neu-fw01-pip04	51.138.180.124

## Ennov InSight Validator 5.1 System Support Document (SSD)

Ennov InSight Validator is a separately licensed application used for validating submission output.

The system support document (SSD) specifies the minimum hardware and software prerequisites for installing and operating Ennov InSight Validator. For the application to work as expected, the following minimum hardware and software configuration must be available on the computer where the application is installed.

Ennov InSight Validator is a standalone client application. There are no application server or database server requirements.

Operating System
Windows Operating System Windows 10
<i>Note: Ennov InSight Validator has been tested against en-US locale of the specified operating systems and software.</i>
.NET Framework
.NET Framework is managed by Windows as a component of the operating system. .NET Framework 4.6.2 to 4.8
Support for Viewing PDF files
A desktop application for viewing PDF files is required
Optional
SAS Viewer 8.0 or later (for .xpt files)
Microsoft Office 2016

## Linking plug-in (PDF) 1.9 System Support Document (SSD)

Specifications for Linking plug-in (PDF) 1.9.

Linking plug-in (PDF) 1.9 supports Ennov InSight 7.2.9. Certified on 7.2.9.

### Operating System

Windows Operating System  
Windows 10

**Note:** *Linking plug-in (PDF) has been tested against en-US locale of the specified operating systems and software.*

Applications	English	Japanese
Adobe Acrobat (32 bit only) – Adobe Acrobat Pro DC – Adobe Acrobat Standard DC – Acrobat Pro 2020 – Acrobat Standard 2020	YES	YES

**Note:** *For in-process linking in Linking plug-in (PDF), the PDF document must be opened using a supported version of Adobe Acrobat after it is downloaded using any browser supported by Ennov InSight .*

### Documentum REST Versions

- Documentum 16.4 REST Services
- Documentum 20.2 REST Services

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

### .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

## Linking add-in (Word) 1.9 System Support Document (SSD)

Specifications for Linking add-in (Word) 1.9.

### Ennov InSight Support

Linking add-in (Word) 1.9 supports Ennov InSight 7.2.9.

Operating System		
Windows 10		
<p><i>Note: Linking add-in (Word) has been tested against en-US locale of the specified operating systems and software.</i></p>		
Applications	English	Japanese
Microsoft Word 2016 (32-bit)	YES	YES
Documentum REST Versions		
<ul style="list-style-type: none"> <li>– Documentum 16.4 REST Services</li> <li>– Documentum 20.2 REST Services</li> </ul>		
<p><i>Note: Check Documentum for content server compatibility. If you encounter any issues with compatible content server versions, contact Client Enablement through Technical Support.</i></p>		
.NET Framework		
<p>.NET Framework is managed by Windows as a component of the operating system.            .NET Framework 4.5.2, and later CLR 4 versions</p>		

## Ennov InSight Cumulative View Builder Support Document (SSD)

The Ennov InSight Cumulative View Builder System Support Document (SSD) specifies the minimum prerequisites for installing and operating Ennov InSight Cumulative View Builder 2.3.

The software specified must reside on the client workstation.

Operating System	English	Japanese
Windows Operating System – Windows 10	YES	YES
NET Framework		
.NET Framework is managed by Windows as a component of the operating system. – .NET Framework 4.0 to 4.8		

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## P

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