Kofax RPA

Technical Specifications

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KOFAX

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Chapter 1

About Kofax RPA Technical Specifications

Kofax RPA is an extensible RPA platform that connects into other Kofax technologies including Kofax TotalAgility business process management (BPM), Kofax Capture (OCR) and Transformation, as well as third-party cognitive services. The technical specifications in this document are specific to Kofax RPA 11.1.x.

The amount of memory and disk space required to support your Kofax RPA system is listed in this document. These requirements concern only the needs of Kofax RPA and do not include the amount of memory or disk space you require for the operating system, environment, or other software that runs on the same computer.

This document provides the requirements for the following parts:

- Kofax RPA Design Studio
- Kofax RPA Desktop Automation Service for Windows
- Kofax RPA RoboServer
- Kofax RPA Management Console
- Kofax RPA Kapplets
- Kofax RPA Process Discovery

Chapter 2

Product requirements

Design Studio and RoboServer for Windows

Kofax RPA Design Studio for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 2GB free disk space for installation • 5GB free disk space for operation
Client operating systems	• Microsoft Windows 10 Enterprise (32-bit) • Microsoft Windows 10 Enterprise (64-bit)
Languages supported	• English • Japanese

Kofax RPA RoboServer for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 2GB free disk space for installation • 5GB free disk space for operation
Client operating systems	• Microsoft Windows 10 Enterprise (64-bit) • Microsoft Windows Server 2016 • Microsoft Windows Server 2019
Languages supported	• English • Japanese

Kofax RPA Design Studio and RoboServer for Linux

Specification	Description
Hardware	• See hardware requirements for Windows
Client operating systems	• CentOS/Red Hat Enterprise Linux 7.x • Ubuntu 16.04 LTS
Required third-party technologies	• Ubuntu 16.04 LTS with OpenSSL 1.0.2 only • libX11.so.6 • libGL.so.1 • libXext.so.6 To use cross-platform authentication (Negotiate and NTLM protocols), your Linux installation must include the following Generic Security Service API (GSS-API) libraries: • libgssapi_krb5.so.2 • libgssapi.so.4 • libgssapi.so.2 • libgssapi.so.1
Languages supported	• English • Japanese

Kofax RPA RoboServer for Docker

Specification	Description
Hardware	• See hardware requirements for Windows
Client operating systems	• N/A
Required third-party technologies	• Docker 17 and higher • Docker-Compose 1.19 and higher
Languages supported	• English

Desktop Automation

Kofax RPA Desktop Automation Service for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Follow the requirements of the applications to be automated
Client operating systems	• Microsoft Windows 10 Pro or Enterprise (32-bit) • Microsoft Windows 10 Pro or Enterprise (64-bit)
Server operating systems	• Microsoft Windows Server 2016 • Microsoft Windows Server 2019
Required third-party technologies	.NET version 4.5 **Note** If you get the "Module automation native not found" error, see the *Kofax RPA Installation Guide* for more information.
Languages supported	• English • Japanese

RoboServer and Management Console

Kofax RPA Management Console deployed in an application server

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 2GB free disk space for installation • 5GB free disk space for operation
Browser	• Google Chrome version 72 and higher • Mozilla Firefox version 65 and higher

Web application servers	• Apache Tomcat 8.5.55 64 bit running on either:
	  • Oracle Java SE 1.8 runtime
	  • Oracle Java SE 11.0.2 LTS runtime
	  • OpenJDK 1.8 runtime
	• IBM WebSphere 8.5 with Java 1.8

DBMS	• **Oracle 18.4 • Oracle 19c • **DB 2 9.7 • Microsoft SQL Server 2016 • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 **Note** Windows Integrated Authentication only works when the underlying operating system is Windows-based. • MySQL 5.7 • MySQL 8.0 • Postgres 10.5 For DB2, stored procedures written with "LANGUAGE RPGLE" are not supported. Use "LANGUAGE SQL" instead. *Deprecated from Kofax RPA 11.2 **Deprecated from Kofax RPA 11.3

Specification	Description
Git integration	The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested: • Git 2.20.0 to 2.22.0 • BitBucket • GitHub
SSO integration	The Management Console SSO integration is based on the SAML standard and has been verified against the below providers: • Okta • SimpleSAML • OneLogin
Compatible Kofax software	• Kofax Insight 6.2 **Note** For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information. • Kofax TotalAgility 7.6.x • Kofax TotalAgility 7.7.x For more information, see the *Kofax TotalAgility Technical Specifications*.
Languages supported	• English • Japanese

Kofax RPA Kapplets in an application server

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 2GB free disk space for installation • 5GB free disk space for operation
Browser	• Google Chrome version 75 and higher • Mozilla Firefox version 68 and higher

Specification	Description
Web application servers	Apache Tomcat 8.5.55 64 bit running on either: • Oracle Java SE 1.8 runtime • Oracle Java SE 11.0.2 LTS runtime • OpenJDK 1.8 runtime
DBMS	• *Oracle 18.4 • Oracle 19c • Microsoft SQL Server 2016 • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 **Note** Windows Integrated Authentication only works when the underlying operating system is Windows-based. • MySQL 5.7 • MySQL 8.0 • Postgres 10.5 *Deprecated from Kofax RPA 11.3
Languages supported	• English • Japanese

Kofax RPA Management Console for Docker

Specification	Description
Hardware	Minimum: • Intel Core Duo 1.8 GHz CPU (or AMD equivalent) • 4GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation
Browser	• Google Chrome version 72 and higher • Mozilla Firefox version 65 and higher
Required third-party technologies	• Docker 17 and higher • Docker-Compose 1.19 and higher
DBMS	• **Oracle 18.4 • Oracle 19c • **DB 2 9.7 • Microsoft SQL Server 2016 • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 **Note** Windows Integrated Authentication does not work when Management Console runs in a Docker container. • MySQL 5.7 • MySQL 8.0 • Postgres 10.5 For DB2 stored procedures written with "LANGUAGE RPGLE" are not supported. Use "LANGUAGE SQL" instead. * Deprecated from Kofax RPA 11.2 *Deprecated from Kofax RPA 11.3
Git integration	The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested: • Git 2.20.0 to 2.22.1 • BitBucket • GitHub

Specification	Description
SSO integration	The Management Console SSO integration is based on the SAML standard and has been verified against the following providers: • Okta • SimpleSAML • OneLogin
Compatible Kofax software	• Kofax Insight 6.2 **Note** For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information. • Kofax TotalAgility 7.6.x • Kofax TotalAgility 7.7.x For more information, see the *Kofax TotalAgility Technical Specifications*.
Languages supported	• English • Japanese

Kofax RPA RoboServer

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 2GB free disk space for installation • 5GB free disk space for operation
DBMS	• **Oracle 18.4 • Oracle 19c • **DB 2 9.7 • Microsoft SQL Server 2016 • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 **Note** Windows Integrated Authentication only works when the underlying operating system is Windows based. • MySQL 5.7 • MySQL 8.0 • Postgres 10.5 For DB2, stored procedures written with "LANGUAGE RPGLE" are not supported. Use "LANGUAGE SQL" instead. *Deprecated from Kofax RPA 11.2 *Deprecated from Kofax RPA 11.3
Compatible Kofax software	• Kofax Insight 6.2 **Note** For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information. • Kofax TotalAgility 7.6.x • Kofax TotalAgility 7.7.x For more information, see the *Kofax TotalAgility Technical Specifications*.
Languages supported	English

Process Discovery

Kofax RPA Process Discovery Analyzer for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 800MB free disk space for installation • 5GB free disk space for operation Recommended: • Intel Core i7 8 Cores 16 Threads 3.8 GHz • 16GB RAM • 800MB free disk space for installation • 5GB free disk space for operation
DBMS	• MySQL 5.7 • MySQL 8.0
Compatible Kofax software	Kofax Insight 6.2 Kofax Insight 6.2.1 (recommended)
Client operating systems	Microsoft Windows 10 (32/64-bit)
Server operating systems	• Microsoft Windows Server 2016 • Microsoft Windows Server 2019
Languages supported	English

Kofax RPA Process Discovery for Linux

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 800MB free disk space for installation • 1GB free disk space for operation Recommended: • Intel Core i7 8 Cores 16 Threads 3.8 GHz • 16GB RAM • 800MB free disk space for installation • 5GB free disk space for operation
DBMS	• MySQL 5.7 • MySQL 8.0
Compatible Kofax software	Kofax Insight 6.2
Operating systems	• CentOS/Red Hat Enterprise Linux 7.3.x >= 7.8 • Ubuntu 16.04 LTS
Languages supported	English
Required third party technologies	CentOS: • libgomp 4.4.7 • libgfortran 4.4.7 • libgcc 4.4.7 • readline 6.0 Ubuntu: • libgomp1 • libgfortran3 • libgcc1 • libreadline5

Kofax RPA Process Discovery Analyzer for Docker

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 800MB free disk space for installation • 1GB free disk space for operation Recommended: • Intel Core i7 8 Cores 16 Threads 3.8 GHz • 16GB RAM • 800MB free disk space for installation • 5GB free disk space for operation
Required third party technologies	• Docker 17 and up
Compatible Kofax software	Kofax Insight 6.2 Kofax Insight 6.2.1 (recommended)
Languages supported	English

Kofax RPA Process Discovery Agent for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 150MB free disk space for installation • 1GB free disk space for operation Recommended: • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 150MB free disk space for installation • 5GB free disk space for operation
DBMS	• MySQL 5.7 • MySQL 8.0
Required third-party technologies	.NET Version 3.5 and up

Specification	Description
Client operating systems	Microsoft Windows 10 (32/64-bit)
Server operating systems	• Microsoft Windows Server 2016 • Microsoft Windows Server 2019
Languages supported	• English • Japanese

Kofax Analytics for RPA

Specification	Description
Hardware	See the *Kofax Insight Technical Specifications*
DBMS	• Microsoft SQL Server 2005 or higher • MySQL 5.6 or higher
Compatible Kofax software	Kofax Insight 6.2
Languages supported	English

Document Transformation

Specification	Description
Coexistence with other Kofax products	The transformation component of Kofax RPA (Thin Client Server, Document TransformationServer, Project builder) and the transformation modules of Kofax TotalAgility cannot be installed on the same computer as Kofax Transformation modules.
Further requirements	See the Technical Specifications for Kofax TotalAgility for further specification.