Kofax RPA
Technical Specifications

Version: 11.5.0

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KOFAX

Document revision history

Date	Description
September 15, 2023	Initial version.
August, 2024	Updated the version of .NET required for Kofax RPA Desktop Automation Service for Windows.

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About Kofax RPA Technical Specifications

Kofax RPA is an extensible RPA platform that connects into other Kofax technologies including Kofax TotalAgility to automate content-intensive workflows, Kofax Capture (OCR) and Transformation, as well as third-party cognitive services.

> ⓘ Only versions of third-party solutions that were released before the release date of the current Kofax RPA version are supported.

The technical specifications in this document are specific for Kofax RPA 11.5.x.

The memory and disk space required to support Kofax RPA are listed in this document. These requirements are for Kofax RPA only and do not include memory or disk space required for the operating system, environment, or other software running alongside Kofax RPA.

This document provides the requirements and recommendations for the following products:
- Kofax RPA Design Studio
- Kofax RPA RoboServer
- Kofax RPA Desktop Automation Service for Windows
- Kofax RPA Management Console
- Kofax RPA Kapplets
- Kofax RPA Process Discovery
- Kofax Analytics for RPA
- Document Transformation

Product requirements

Design Studio and RoboServer

Kofax RPA Design Studio for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 16 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation)
Client operating systems	• Microsoft Windows 11 Pro or Enterprise • Microsoft Windows 10 Pro or Enterprise (64-bit)
Required third-party technologies	• Microsoft Office versions 2021, 2019, 2013, or Microsoft 365 are required if you are using the built-in Excel. Some features of the built-in Excel may not be compatible with Microsoft 365. • Python versions 3.5 and higher are supported. Python is only required if you are using the Connectors (Custom Action step) that use Python scripts. The package must be configured for the Python version that is used. The `six` package must be present in the Python installation. Java and .NET are required if you have APIs that call Robots. • Java 17 and higher versions available at the time of release.

Specification	Description
	• The .NET API targets .NET Standard 2.0, building applications on either .NET (Core) 2.0 to 6.0, or .NET Framework 4.7.2 and higher versions available at the time of release. Using the .NET API, any .NET-based application can become a client to an RPA instance.
Languages supported	• English • French • Japanese
Compatible Kofax software	• SignDoc Standard 3.3 • SignDoc Standard 3.2

Kofax RPA RoboServer for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 16 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation)
Client operating systems	• Microsoft Windows 11 Pro or Enterprise • Microsoft Windows 10 Pro or Enterprise (64-bit)
Server operating systems	• Microsoft Windows Server 2022 • Microsoft Windows Server 2019
Required third-party technologies	• Microsoft Office versions 2021, 2019, 2013, or Microsoft 365 are required if you are using the built-in Excel. Some features of the built-in Excel may not be compatible with Microsoft 365. • Python versions 3.5 and higher are supported. Python is only required if you are using the Connectors (Custom Action step) that use Python scripts. The package must be configured for the Python version that is used. The `six` package must be present in the Python installation. Java and .NET are required if you have APIs that call Robots. • Java 17 and higher versions available at the time of release. • The .NET API targets .NET Standard 2.0, building applications on either .NET (Core) 2.0 to 6.0, or .NET Framework 4.7.2 and higher versions available at the time of release. Using the .NET API, any .NET-based application can become a client to an RPA instance.
Languages supported	• English • French • Japanese

Kofax RPA Design Studio and RoboServer for Linux

Specification	Description
Hardware	See hardware requirements for Windows.
Client operating systems	Ubuntu 22.04 LTS
Required third-party technologies	The following packages must be installed: • libc6 • libglib2.0-0 • libnss3 • libnspr4 • libatk1.0-0 • libatk-bridge2.0-0 • libcups2 • libdrm2 • libx11-6 • libxcomposite1 • libxdamage1 • libxext6 • libxfixes3 • libxrandr2 • libgbm1 • libexpat1 • libxcb1 • libxkbcommon0 • libdbus-1-3 • libpango-1.0-0 • libcairo2 • libasound2 • libatspi2.0-0 • libgcc-s1 • libffi7 • libpcre3 • zlib1g • libmount1 • libselinux1 • libxrender1 • libxau6 • libxdmcp6 • libsystemd0 • libblkid1 • libpcre2-8-0 • libbsd0

Specification	Description
	• liblzma5 • liblz4-1 • libgcrypt20 • libgpg-error0 • xvfb • libsqlite3-0 • libglx0 • libglvnd0 • libgl1 • libgssapi-krb5-2
Languages supported	• English • French • Japanese
Compatible Kofax software	• SignDoc Standard 3.3 • SignDoc Standard 3.2

Kofax RPA RoboServer for Docker

Specification	Description
Hardware	• See hardware requirements for Windows.
Client operating systems	• Not applicable
Required third-party technologies	• Tested with Docker 17 and higher versions available at the time of release. For more information, see "Docker Tools for Kofax RPA Deployment" in the *Kofax RPA Administrator's Guide*.
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 • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Follow the requirements of the applications to be automated.
Client operating systems	• Microsoft Windows 11 Pro or Enterprise • Microsoft Windows 10 Pro or Enterprise (64-bit)
Server operating systems	• Microsoft Windows Server 2022 • Microsoft Windows Server 2019
Required third-party technologies	.NET version 4.8 ⓘ If the "Module <modulename> not found" message appears, see the *Kofax RPA Installation Guide* for more information.
Languages supported	• English • French • Japanese

RoboServer, Management Console, and Kapplets

Kofax RPA Management Console deployed in an application server

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 16 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation)
Browser	Tested with the latest Google Chrome and Mozilla Firefox versions available at the time of release: Chrome v115, Firefox v116.
Web application servers	• Apache Tomcat version 9.0.50 and higher versions running on any Java 17 available at the time of release. Tested with the latest Eclipse Temurin Java 17 version. Exception: Apache Tomcat versions 10.x and 11.x are not supported.
DBMS	• Oracle 21c • Oracle 19c • Microsoft SQL Server 2022 • Microsoft SQL Server 2019 • Microsoft SQL Server 2017 ⓘ Windows Integrated Authentication only works when the underlying operating system is Windows-based. • MySQL 8.0 to 8.0.22 • PostgreSQL 15 • PostgreSQL 13.2 Management Console requires a high bandwidth and low latency network between the Management Console, Kapplets, and the database containing their data. They must be located in the same region or in close proximity. If Management Console and Kapplets are placed far away from their database and/or each

Specification	Description
	other, they both might potentially run into deadlocks and timeouts. For configuration requirements for a Management Console database, see "Create a New Database" in the *Kofax RPA Administrator's Guide*.
Git integration	The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested: • Git 2.40 • Bitbucket • GitHub
SSO integration	The Management Console SSO integration is based on the SAML standard and has been verified for the following providers: • Okta • SimpleSAMLphp • OneLogin
Compatible Kofax software	• Kofax Insight 6.5.0 ⓘ For Kofax Insight products, install the Kofax RPA-specific dashboards. Check the Kofax Insight tab for more version information. • Kofax TotalAgility 7.11.x • Kofax TotalAgility 7.10.x • Kofax TotalAgility 7.9.x For more information, see Document Transformation and the *Kofax TotalAgility Technical Specifications* on the Kofax TotalAgility Product Documentation site.
Languages supported	• English • French • Japanese

Kofax RPA Kapplets deployed in an application server

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 16 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation)
Browser	Tested with the latest Google Chrome and Mozilla Firefox versions available at the time of release: Chrome v115, Firefox v116.
Web application servers	• Apache Tomcat version 9.0.50 and higher versions running on any Java 17 available at the time of release. Tested with the latest Eclipse Temurin Java 17 version. Exception: Apache Tomcat versions 10.x and 11.x are not supported.
DBMS	• Oracle 21c • Oracle 19c • Microsoft SQL Server 2022 • Microsoft SQL Server 2019 • Microsoft SQL Server 2017 ⓘ Windows Integrated Authentication only works when the underlying operating system is Windows-based. • MySQL 8.0 to 8.0.22 • PostgreSQL 13.2 • PostgreSQL 15 Kapplets require a high bandwidth and low latency network between Kapplets, Management Console, and the database containing their data. They must be located in the same region or in close proximity. If Kapplets and Management Console are placed far away from their database and/or each other,

Specification	Description
	they both might potentially run into deadlocks and timeouts.
Languages supported	• English • French • Japanese

Kofax RPA Management Console for Docker

Specification	Description
Hardware	Minimum: • Intel Core Duo 1.8 GHz CPU or AMD equivalent • 4 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation)
Browser	Tested with the latest Google Chrome and Mozilla Firefox versions available at the time of release: Chrome v115, Firefox v116.
Required third-party technologies	• Tested with Docker 17 and higher versions available at the time of release. For more information, see "Docker Tools for Kofax RPA Deployment" in the *Kofax RPA Administrator's Guide*.
DBMS	• Oracle 21c • Oracle 19c • Microsoft SQL Server 2022 • Microsoft SQL Server 2019 • Microsoft SQL Server 2017 ℹ Windows Integrated Authentication does not work when Management Console runs in a Docker container. • MySQL 8.0 to 8.0.22 • PostgreSQL 15 • PostgreSQL 13.2 Management Console requires a high bandwidth and low latency network between the Management Console, Kapplets, and the database containing their

Specification	Description
	data. They must be located in the same region or in close proximity. If Management Console and Kapplets are placed far away from their database and/or each other, they both might potentially run into deadlocks and timeouts.
Git integration	The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested: • Git 2.40 • Bitbucket • GitHub
SSO integration	The Management Console SSO integration is based on the SAML standard and has been verified for the following providers: • Okta • SimpleSAMLphp • OneLogin
Compatible Kofax software	• Kofax Insight 6.5.0 ℹ 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 7.11.x • Kofax TotalAgility 7.10.x • Kofax TotalAgility 7.9.x For more information, see the *Kofax TotalAgility Technical Specifications* on the Kofax TotalAgility Product Documentation site.
Languages supported	• English • French • Japanese

Kofax RPA RoboServer

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 7 GB free disk space (2 GB for installation and 5 GB for operation) Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 16 GB RAM • 2 GB free disk space for installation • 5 GB free disk space for operation
DBMS	• Oracle 21c • Oracle 19c • Microsoft SQL Server 2022 • Microsoft SQL Server 2019 • Microsoft SQL Server 2017 ⓘ Windows Integrated Authentication only works when the underlying operating system is Windows-based. • MySQL 8.0 to 8.0.22 • PostgreSQL 15 • PostgreSQL 13.2
Compatible Kofax software	• Kofax Insight 6.5.0 ⓘ 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 7.11.x • Kofax TotalAgility 7.10.x • Kofax TotalAgility 7.9.x For more information, see the *Kofax TotalAgility Technical Specifications* on the Kofax TotalAgility Product Documentation site.
Languages supported	English

Process Discovery

Specification	Description
DBMS	MySQL 8.0 to 8.0.22

Kofax RPA Process Discovery Analyzer for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 800 MB free disk space for installation • 10 GB free disk space for operation Recommended: • Intel Core i7 (8 Cores, 16 Threads, 3.8 GHz) • 32 GB RAM • 800 MB free disk space for installation • 10 GB free disk space for operation
Client operating systems	• Microsoft Windows 11 Pro or Enterprise • Microsoft Windows 10 Pro or Enterprise (64-bit)
Server operating systems	• Microsoft Windows Server 2022 • Microsoft Windows Server 2019
Languages supported	English

Kofax RPA Process Discovery Analyzer for Linux

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 800 MB free disk space for installation • 10 GB free disk space for operation Recommended: • Intel Core i7 (8 Cores, 16 Threads, 3.8 GHz) • 32 GB RAM • 800 MB free disk space for installation • 10 GB free disk space for operation
Operating systems	Ubuntu 22.04 LTS

Specification	Description
Languages supported	English
Required third-party technologies	The following packages must be installed: • 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 • 8 GB RAM • 800 MB free disk space for installation • 10 GB free disk space for operation Recommended: • Intel Core i7 (8 Cores, 16 Threads, 3.8 GHz) • 32 GB RAM • 800 MB free disk space for installation • 10 GB free disk space for operation
Required third-party technologies	• Tested with Docker 17 and higher versions available at the time of release. For more information, see "Docker Tools for Kofax RPA Deployment" in the *Kofax RPA Administrator's Guide*.
Languages supported	English

Kofax RPA Process Discovery Agent for Windows

Specification	Description
Hardware	Minimum: • Intel Core i5 2.8 GHz CPU or AMD equivalent • 8 GB RAM • 80 MB free disk space for installation • 1 GB free disk space for operation Recommended: • Intel Core i5 (4 Cores, 4 Threads, 2.8 GHz) • 16 GB RAM • 80 MB free disk space for installation • 5 GB free disk space for operation

Specification	Description
Required third-party technologies	Tested with .NET Version 3.5 and higher versions available at the time of release.
Client operating systems	• Microsoft Windows 11 Pro or Enterprise • Microsoft Windows 10 Pro or Enterprise (64-bit)
Languages supported	• English • French • Japanese

Kofax Analytics for RPA

Specification	Description
Hardware	See the *Kofax Insight Technical Specifications* on the Kofax Insight Product Documentation site.
DBMS	• Tested with Microsoft SQL Server 2005 and higher versions available at the time of release. This includes Microsoft SQL Server 2019 and 2022. • MySQL 8.0 to 8.0.22
Compatible Kofax software	• Kofax Insight 6.5.0
Languages supported	• English • French • Japanese

ⓘ Be sure to use the Kofax Analytics for RPA version that is delivered with your version of Kofax RPA.

Document Transformation

Specification	Description
Coexistence with other Kofax products	The transformation components of Kofax RPA (Thin Client Server, Document Transformation Server, Project builder) and the transformation modules of Kofax TotalAgility cannot be installed on the same computer as Kofax Transformation modules.
Further requirements	See the *Kofax TotalAgility Technical Specifications* on the Kofax TotalAgility Product Documentation site.