



Kofax RPA Technical Specifications

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KOFAX

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Document revision history

Date	Revision	Description
November 18, 2022	1.0	Initial version

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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 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 11.4.x.

The amount of memory and disk space required to support Kofax RPA 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 products:

- 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

Product requirements

Design Studio and RoboServer

Kofax RPA Design Studio for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none">• 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) <p>Recommended:</p> <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Microsoft Windows 11 Enterprise• Microsoft Windows 10 Enterprise (64-bit)
Required third-party technologies	<ul style="list-style-type: none">• MS Office versions 2013, 2019, or MS Office 365 <div data-bbox="901 1407 1453 1522"><p> MS Office is required for built-in Excel. Some features of built-in Excel may not be compatible with Office 365.</p></div>
Languages supported	<ul style="list-style-type: none">• English• French• Japanese
Compatible Kofax software	<ul style="list-style-type: none">• SignDoc Standard 2.2.1.2

Kofax RPA RoboServer for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> • 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) <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Microsoft Windows 11 Enterprise • Microsoft Windows 10 Enterprise (64-bit) • Microsoft Windows Server 2019 • Microsoft Windows Server 2022
Required third-party technologies	<ul style="list-style-type: none"> • MS Office versions 2013, 2019, or MS Office 365 <div style="border: 1px solid #add8e6; padding: 5px; margin-top: 10px;"> <p>i MS Office is required for built-in Excel. Some features of built-in Excel may not be compatible with Office 365.</p> </div>
Languages supported	<ul style="list-style-type: none"> • English • French • Japanese

Kofax RPA Design Studio and RoboServer for Linux

Specification	Description
Hardware	See hardware requirements for Windows
Client operating systems	<p>Ubuntu 20.04 LTS</p> <div style="border: 1px solid #add8e6; padding: 5px; margin-top: 10px;"> <p>i Starting with 11.4.0, Kofax RPA does not support Red Hat Enterprise Linux 7.x or Ubuntu 16.04 LTS.</p> </div>
Required third-party technologies	<p>The following packages must be installed:</p> <ul style="list-style-type: none"> • libc6 • libglib2.0-0 • libnss3 • libnspr4

Specification	Description
	<ul style="list-style-type: none"> • 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 • liblzma5 • liblz4-1 • libgcrypt20 • libgpg-error0 • xvfb • libsqlite3-0 • libglx0 • libglvnd0 • libgl1

Specification	Description
	<ul style="list-style-type: none">libgssapi-krb5-2
Languages supported	<ul style="list-style-type: none">EnglishFrenchJapanese
Compatible Kofax software	<ul style="list-style-type: none">SignDoc Standard 2.2.1.2


Kofax RPA RoboServer for Docker

Specification	Description
Hardware	<ul style="list-style-type: none">See hardware requirements for Windows
Client operating systems	<ul style="list-style-type: none">N/A
Required third-party technologies	<ul style="list-style-type: none">Docker 17 and higher <p>For more information, see Docker Tools for Kofax RPA Deployment in the <i>Kofax RPA Administrator's Guide</i>.</p>
Languages supported	<ul style="list-style-type: none">English

Desktop Automation

Kofax RPA Desktop Automation Service for Windows


Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none">Intel Core i5 2.8 GHz CPU or AMD equivalent8 GB RAM7 GB free disk space (2 GB for installation and 5 GB for operation) <p>Recommended:</p> <ul style="list-style-type: none">Follow the requirements of the applications to be automated
Client operating systems	<ul style="list-style-type: none">Microsoft Windows 11 Pro or EnterpriseMicrosoft Windows 10 Pro or Enterprise (64-bit)
Server operating systems	<ul style="list-style-type: none">Microsoft Windows Server 2019Microsoft Windows Server 2022

Specification	Description
Required third-party technologies	<p>.NET version 4.5</p> <p> If the "Module automation native not found" error appears, see the <i>Kofax RPA Installation Guide</i> for more information.</p>
Languages supported	<ul style="list-style-type: none">• English• French• Japanese

RoboServer, Management Console, and Kapplets

Kofax RPA Management Console deployed in an application server

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> 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) <p>Recommended:</p> <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Google Chrome version 104 and higher Mozilla Firefox version 102 and higher
Web application servers	<ul style="list-style-type: none"> Apache Tomcat version 9.0.50 or higher running on any Java 11 <p>Exclusion: Apache Tomcat version 10.x</p>
DBMS	<ul style="list-style-type: none"> Oracle 19c Oracle 21c Microsoft SQL Server 2017 Microsoft SQL Server 2019 <div style="background-color: #e1f5fe; padding: 5px; margin: 5px 0;"> <p>i Windows Integrated Authentication only works when the underlying operating system is Windows-based.</p> </div> <ul style="list-style-type: none"> MySQL 5.7.x MySQL 8.0 to 8.0.22 Postgres 10.16 Postgres 13.2 <p>For configuration requirements for a Management Console database, see Create a New Database in the <i>Kofax RPA Administrator's Guide</i>.</p>


Specification	Description
Git integration	<p>The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested:</p> <ul style="list-style-type: none"> • Git 2.31.1 to 2.33.0 • BitBucket • GitHub
SSO integration	<p>The Management Console SSO integration is based on the SAML standard and has been verified for the following providers:</p> <ul style="list-style-type: none"> • Okta • SimpleSAML • OneLogin
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.5.0 <div style="background-color: #e0f2f7; padding: 10px; margin: 10px 0;"> <p> For Kofax Insight products, install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information.</p> </div> <ul style="list-style-type: none"> • Kofax TotalAgility 7.9.x • Kofax TotalAgility 7.10.x • Kofax TotalAgility 7.11.x <p>For more information, see Document Transformation and the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	<ul style="list-style-type: none"> • English • French • Japanese

Kofax RPA Kapplets deployed in an application server

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> • 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) <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Google Chrome version 104 and higher • Mozilla Firefox version 102 and higher
Web application servers	<ul style="list-style-type: none"> • Apache Tomcat version 9.0.50 or higher running on any Java 11 <p>Exclusion: Apache Tomcat version 10.x</p>
DBMS	<ul style="list-style-type: none"> • Oracle 19c • Oracle 21c • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 <div style="background-color: #e1f5fe; padding: 5px; margin: 5px 0;"> <p>i Windows Integrated Authentication only works when the underlying operating system is Windows-based.</p> </div> <ul style="list-style-type: none"> • MySQL 5.7 .x • MySQL 8.0 to 8.0.22 • Postgres 10.16 • Postgres 13.2
Languages supported	<ul style="list-style-type: none"> • English • French • Japanese

Kofax RPA Management Console for Docker

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> • 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) <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Google Chrome version 104 and higher • Mozilla Firefox version 102 and higher
Required third-party technologies	<ul style="list-style-type: none"> • Docker 17 and higher <p>For more information, see Docker Tools for Kofax RPA Deployment in the <i>Kofax RPA Administrator's Guide</i>.</p>
DBMS	<ul style="list-style-type: none"> • Oracle 19c • Oracle 21c • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 <div style="background-color: #e6f2ff; padding: 5px; margin: 10px 0;"> <p>i Windows Integrated Authentication does not work when Management Console runs in a Docker container.</p> </div> <ul style="list-style-type: none"> • MySQL 5.7.x • MySQL 8.0 to 8.0.22 • Postgres 10.16 • Postgres 13.2
Git integration	<p>The Robot Lifecycle Management functionality requires access to a Git repository. The following Git services have been tested:</p> <ul style="list-style-type: none"> • Git 2.31.1 to 2.33.0 • BitBucket • GitHub

Specification	Description
SSO integration	<p>The Management Console SSO integration is based on the SAML standard and has been verified for the following providers:</p> <ul style="list-style-type: none"> • Okta • SimpleSAML • OneLogin
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.5.0 <div style="border: 1px solid #add8e6; background-color: #e6f2ff; padding: 5px; margin: 10px 0;"> <p> For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information.</p> </div> <ul style="list-style-type: none"> • Kofax TotalAgility 7.9.x • Kofax TotalAgility 7.10.x • Kofax TotalAgility 7.11.x <p>For more information, see the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	<ul style="list-style-type: none"> • English • French • Japanese

Kofax RPA RoboServer

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> • 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) <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Oracle 19c • Oracle 21c • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 <div style="background-color: #e0f2f7; padding: 5px; margin: 5px 0;"> <p>i Windows Integrated Authentication only works when the underlying operating system is Windows based.</p> </div> <ul style="list-style-type: none"> • MySQL 5.7.x • MySQL 8.0 to 8.0.22 • Postgres 10.16 • Postgres 13.2
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.5.0 <div style="background-color: #e0f2f7; padding: 5px; margin: 5px 0;"> <p>i For Kofax Insight products, it is necessary to install the Kofax RPA specific dashboards. Check the Kofax Insight tab for more version information.</p> </div> <ul style="list-style-type: none"> • Kofax TotalAgility 7.9.x • Kofax TotalAgility 7.10.x • Kofax TotalAgility 7.11.x <p>For more information, see the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	English

Process Discovery

Specification	Description
DBMS	MySQL 5.7.x MySQL 8.0 to 8.0.22

Kofax RPA Process Discovery Analyzer for Windows

Specification	Description
Hardware	Minimum: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 10 (64-bit)
Server operating systems	<ul style="list-style-type: none"> • Microsoft Windows Server 2019 • Microsoft Windows Server 2022
Languages supported	English

Kofax RPA Process Discovery Analyzer for Linux

Specification	Description
Hardware	Minimum: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 20.04 LTS
Languages supported	English

Specification	Description
Required third party technologies	The following packages must be installed: <ul style="list-style-type: none"> • libgomp1 • libgfortran3 • libgcc1 • libreadline5

Kofax RPA Process Discovery Analyzer for Docker

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> • 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 <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Docker 17 and higher <p>For more information, see Docker Tools for Kofax RPA Deployment in the <i>Kofax RPA Administrator's Guide</i>.</p>
Languages supported	English


Kofax RPA Process Discovery Agent for Windows

Specification	Description
Hardware	<p>Minimum:</p> <ul style="list-style-type: none"> • 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 <p>Recommended:</p> <ul style="list-style-type: none"> • 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
Required third-party technologies	.NET Version 3.5 and higher

Specification	Description
Client operating systems	Microsoft Windows 10 (64-bit)
Server operating systems	<ul style="list-style-type: none"> Microsoft Windows Server 2019 Microsoft Windows Server 2022
Languages supported	<ul style="list-style-type: none"> English French Japanese

Kofax Analytics for RPA

Specification	Description
Hardware	See the <i>Kofax Insight Technical Specifications</i>
DBMS	<ul style="list-style-type: none"> Microsoft SQL Server 2005 or higher, including Microsoft SQL Server 2019 MySQL 5.7.x MySQL 8.0 to 8.0.22
Compatible Kofax software	<ul style="list-style-type: none"> Kofax Insight 6.5.0
Languages supported	<ul style="list-style-type: none"> 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 Technical Specifications for Kofax TotalAgility for further specification.