



Kofax RPA Technical Specifications

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Document revision history

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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 11.3.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

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)• 8GB RAM• 2GB free disk space for installation• 5GB free disk space for operation <p>Recommended:</p> <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 <p> Some features of built-in Excel may not be compatible with Office 365.</p>
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) 8GB RAM 2GB free disk space for installation 5GB free disk space for operation <p>Recommended:</p> <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Microsoft Windows 10 Enterprise (64-bit) Microsoft Windows Server 2016 Microsoft Windows Server 2019
Required third-party technologies	<ul style="list-style-type: none"> MS Office versions 2013, 2019 or MS Office 365 <p> Some features of built-in Excel may not be compatible with Office 365.</p>
Languages supported	<ul style="list-style-type: none"> English French Japanese

Kofax RPA Design Studio and RoboServer for Linux

Specification	Description
Hardware	<ul style="list-style-type: none"> See hardware requirements for Windows
Client operating systems	<ul style="list-style-type: none"> Red Hat Enterprise Linux 7.x Ubuntu 16.04 LTS
Required third-party technologies	<ul style="list-style-type: none"> Ubuntu 16.04 LTS with OpenSSL 1.0.2 only libX11.so.6 libGL.so.1 libXext.so.6 libxslt1.1 libusb-1.0 <p>To use cross-platform authentication (Negotiate and NTLM protocols), your Linux installation must include one of the following Generic Security Service API (GSS-API) libraries, corresponding to the installation:</p>

Specification	Description
	<ul style="list-style-type: none">• libgssapi_krb5.so.2• libgssapi.so.4• libgssapi.so.2• libgssapi.so.1 <p>To use the Chromium built-in browser on Ubuntu-based distributions, install the following packages:</p> <ul style="list-style-type: none">• gconf-service• libasound2• libatk1.0-0• libc6• libcairo2• libcups2• libdbus-1-3• libexpat1• libfontconfig1• libgcc1• libgconf-2-4• libgdk-pixbuf2.0-0• libglib2.0-0• libgtk2.0-0• libnspr4• libnss3• libpango-1.0-0• libpangocairo-1.0-0• libx11-xcb1• libxcb1• libxcomposite1• libxcursor1• libxdamage1• libxfixes3• libxi6• libxkbcommon0• libxrandr2• libxrender1• libxss1• libxtst6• Xvfb <p>To use the Chromium built-in browser on Red Hat and CentOS-based distributions, install the packages containing the following libraries:</p> <ul style="list-style-type: none">• atk.x86_64• gtk2.x86_64• epel-release

Specification	Description
	<ul style="list-style-type: none"> • GConf2 • qt5-qtwebkit • qt5-qtwebkit-devel • qtwebkit-devel • libX11.so.6 • libGL.so.1 • libXext.so.6 • libxslt • libXtst.x86_64 • libXScrnSaver • libX11-xcb.so.1 • libfontconfig.so.1 • libpango-1.0.so.0 • libpangocairo-1.0.so.0 • libcairo.so.2 • libXcomposite.so.1 • libXcursor.so.1 • libXdamage.so.1 • libXfixes.so.3 • libXi.so.6 • libXrender.so.1 • libXtst.so.6 • libXrandr.so.2 • libXss.so.1 • libgconf-2.so.4 • libgio-2.0.so.0 • libasound.so.2 • libcups.so.2 • libdbus-1.so.3 • libatk-1.0.so.0 • libgtk-x11-2.0.so.0 • libgdk-x11-2.0.so.0 • libgdk_pixbuf-2.0.so.0 • libnspr4.so • libnss3.so • libnssutil3.so • libsmime3.so • libexpat.so.1 • libxcb.so.1 • libxkbcommon.so.0 • xorg-x11-server-Xvfb <p>To use the RDP Login step, which allows an application to open on an automated device with an</p>

Specification	Description
	<p>RDP connection, install the packages containing the following libraries:</p> <ul style="list-style-type: none"> • libc.so.6 • libxcb.so.1 • libXext.so.6 • libdl.so.2 • libpthread.so.0 • libm.so.6 • libXau.so.6 • libXdmcp.so.6 <p>For more information, see the <i>Kofax RPA Installation Guide</i>.</p>
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 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 • Docker-Compose 1.19 and higher <p>For more information, see "<i>Docker Tools for RPA Deployment</i>" 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	Minimum: <ul style="list-style-type: none"> • 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: <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 10 Pro or Enterprise (64-bit)
Server operating systems	<ul style="list-style-type: none"> • Microsoft Windows Server 2016 • Microsoft Windows Server 2019
Required third-party technologies	.NET version 4.5 <div style="background-color: #e6f2ff; padding: 5px; margin-top: 10px;"> <p>i If you get the "Module automation native not found" error, see the <i>Kofax RPA Installation Guide</i> for more information.</p> </div>
Languages supported	<ul style="list-style-type: none"> • English • French • Japanese

RoboServer and Management Console

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) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Google Chrome version 96 and higher • Mozilla Firefox version 91.3 and higher
Web application servers	<ul style="list-style-type: none"> • Apache Tomcat version 9.0.50 or higher (excluding version 10.x), running on OpenJDK 11 and higher
DBMS	<ul style="list-style-type: none"> • Oracle 19c • Oracle 21c • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 <p>i Windows Integrated Authentication only works when the underlying operating system is Windows-based.</p> <ul style="list-style-type: none"> • MySQL 5.7 • MySQL 8.0 • Postgres 10.16 • Postgres 13.2 <p>For more information on the 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 against the below providers:</p> <ul style="list-style-type: none"> • Okta • SimpleSAML • OneLogin
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.3.0 <div style="border: 1px solid #add8e6; background-color: #e0f0ff; padding: 5px; margin: 10px 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 Insight 6.4.0 • Kofax TotalAgility 7.9.x • Kofax TotalAgility 7.10.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 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) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Google Chrome version 96 and higher • Mozilla Firefox version 91.3 and higher
Web application servers	<ul style="list-style-type: none"> • Apache Tomcat version 9.0.50 or higher (excluding version 10.x), running on OpenJDK 11 and higher
DBMS	<ul style="list-style-type: none"> • Oracle 19c • Oracle 21c • Microsoft SQL Server 2017 • Microsoft SQL Server 2019 <p>i Windows Integrated Authentication only works when the underlying operating system is Windows-based.</p> <ul style="list-style-type: none"> • MySQL 5.7 • MySQL 8.0 • 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) • 4GB RAM • 2GB free disk space for installation • 5GB free disk space for operation <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Google Chrome version 96 and higher • Mozilla Firefox version 91.3 and higher
Required third-party technologies	<ul style="list-style-type: none"> • Docker 17 and higher • Docker-Compose 1.19 and higher <p>For more information, see "<i>Docker Tools for RPA Deployment</i>" 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 <p>i Windows Integrated Authentication does not work when Management Console runs in a Docker container.</p> <ul style="list-style-type: none"> • MySQL 5.7 • MySQL 8.0 • 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 against the following providers:</p> <ul style="list-style-type: none"> • Okta • SimpleSAML • OneLogin
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.3.0 <div style="border: 1px solid #add8e6; background-color: #e0f0ff; 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 Insight 6.4.0 • Kofax TotalAgility 7.9.x • Kofax TotalAgility 7.10.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) • 8GB RAM • 2GB free disk space for installation • 5GB free disk space for operation <p>Recommended:</p> <ul style="list-style-type: none"> • 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	<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 • MySQL 8.0 • Postgres 10.16 • Postgres 13.2
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.3.0 <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 Insight 6.4.0 • Kofax TotalAgility 7.9.x • Kofax TotalAgility 7.10.x <p>For more information, see the <i>Kofax TotalAgility Technical Specifications</i>.</p>
Languages supported	English

Process Discovery

Specification	Description
DBMS	MySQL 8.0 or higher.

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) • 8GB RAM • 800MB free disk space for installation • 10GB free disk space for operation Recommended: <ul style="list-style-type: none"> • Intel Core i7 8 Cores 16 Threads 3.8 GHz • 32GB RAM • 800MB free disk space for installation • 10GB 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 2016 • Microsoft Windows Server 2019
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) • 8GB RAM • 800MB free disk space for installation • 10GB free disk space for operation Recommended: <ul style="list-style-type: none"> • Intel Core i7 8 Cores 16 Threads 3.8 GHz • 32GB RAM • 800MB free disk space for installation • 10GB free disk space for operation
Operating systems	<ul style="list-style-type: none"> • Red Hat Enterprise Linux 8.5 >= 8.10 • Ubuntu 18.04 LTS

Specification	Description
Languages supported	English
Required third party technologies	Red Hat: <ul style="list-style-type: none"> • libgomp 4.4.7 • libgfortran 4.4.7 • libgcc 4.4.7 • readline 6.0 Ubuntu: <ul style="list-style-type: none"> • libgomp1 • libgfortran3 • libgcc1 • libreadline5

Kofax RPA Process Discovery Analyzer for Docker

Specification	Description
Hardware	Minimum: <ul style="list-style-type: none"> • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 800MB free disk space for installation • 10GB free disk space for operation Recommended: <ul style="list-style-type: none"> • Intel Core i7 8 Cores 16 Threads 3.8 GHz • 32GB RAM • 800MB free disk space for installation • 10GB free disk space for operation
Required third party technologies	<ul style="list-style-type: none"> • Docker 17 and up For more information, see " <i>Docker Tools for RPA Deployment</i> " in the <i>Kofax RPA Administrator's Guide</i> .
Languages supported	English

Kofax RPA Process Discovery Agent for Windows

Specification	Description
Hardware	Minimum: <ul style="list-style-type: none"> • Intel Core i5 2.8 GHz CPU (or AMD equivalent) • 8GB RAM • 80MB free disk space for installation • 1GB free disk space for operation Recommended: <ul style="list-style-type: none"> • Intel Core i5 4 Cores 4 Threads 2.8 GHz • 16GB RAM • 80MB free disk space for installation • 5GB free disk space for operation
Required third-party technologies	.NET Version 3.5 and up
Client operating systems	Microsoft Windows 10 (64-bit)
Server operating systems	<ul style="list-style-type: none"> • Microsoft Windows Server 2016 • Microsoft Windows Server 2019
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 5.6 or higher
Compatible Kofax software	<ul style="list-style-type: none"> • Kofax Insight 6.3.0 • Kofax Insight 6.4.0
Languages supported	<ul style="list-style-type: none"> • English • French • Japanese

Document Transformation

Specification	Description
Coexistence with other Kofax products	The transformation component 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.