



Kofax SignDoc Technical Specifications

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KOFAX

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Chapter 1

About Kofax SignDoc technical specifications

Kofax SignDoc is an enterprise level e-signature product family, which may either be utilized as part of an integration, or as a standalone application. Due to its integration options, it provides a starting point for any digital transformation initiative, and provides a broad range of e-signing capabilities. Kofax SignDoc supports all signing scenarios in any location (in-branch, in-store, in-office, in-field, at home), assisted, or non-assisted as self-service.

The technical specifications in this document are specific to the following components of SignDoc 3.2.0:

- SignDoc Standard 3.2.0
- SignDoc Web 3.2.0
- SignDoc SDK 5.0.1.23
- SignAlyze 2.0.0.8
- SignDoc Device Support 3.2.0
- SignDoc Assistant App 1.1.0

This document lists the required amount of memory and disk space. You must meet these requirements to support your SignDoc system. These requirements specifically relate to SignDoc and do not include any amount of memory or disk space you require for the operating system, environment, or other software that runs on the same computer.

SignDoc Web is in maintenance mode. There is no further functional development or extension of the interfaces.

Chapter 2



Product requirements


SignDoc Servers

This section describes the software that runs on a server and references to requirements for SignDoc Standard server and SignDoc Web server. Requirements that only apply to one component are indicated as such.

| Specification | Description |
|----------------------|--|
| Hardware | <p>A server class system is required to run SignDoc servers in an enterprise environment.</p> <p>SignDoc servers can be operated on x86_64 architectures (Intel / AMD CPUs).</p> <p>The processing power of each physical server directly affects performance. As a minimum requirement, a quad core processor running at 2 GHz should be used.</p> <p>Memory: Minimum 16 GB RAM, recommended 32 GB.</p> <p>Free disk space: Minimum 100 GB or more hard disk space.</p> |
| Accessibility | <p>1 GB network minimum, configured at full duplex, is required for this server and the database server.</p> <p>If the system is installed behind a firewall, HTTP or HTTPS ports should be open within firewalls that restrict client access across your WAN or LAN.</p> <p>Certain hardware is prone to networking issues when TCP offloading is enabled. If you experience frequent networking issues, or use a Virtual Machine (VM), disable TCP offloading. You must disable this setting at all levels, including the host operating for both the Virtual Machine and its host, and NIC; and all machines within the SignDoc server system including the database server. Refer to documentation from your vendor for instructions on how to disable TCP offloading.</p> |

| Specification | Description |
|---|--|
| <p>Server Operating Systems</p> | <p>We recommend that you upgrade to the latest operating system update for the following supported operating system versions.</p> <p>Microsoft Windows</p> <ul style="list-style-type: none"> • Windows Server 2022 • Windows Server 64-bit 2019 <ul style="list-style-type: none"> • Tested version: Windows Server 64-bit 2019 Standard • Windows Server 64-bit 2016 <ul style="list-style-type: none"> • Tested version: Windows Server 64-bit 2016 Standard <div style="background-color: #e0f2f7; padding: 5px; margin: 10px 0;"> <p>i Support for installations on Windows Server 64-bit 2012 or Windows Server 64-bit 2012 R2 is deprecated and discontinued when Microsoft Extended support will end.</p> </div> <ul style="list-style-type: none"> • Windows Server 64-bit 2012 <ul style="list-style-type: none"> • Microsoft Extended support end date: Oct. 10, 2023 • Windows Server 64-bit 2012 R2 <ul style="list-style-type: none"> • Microsoft Extended support end date: Oct. 10, 2023 <p>Linux</p> <ul style="list-style-type: none"> • Ubuntu 22.04 LTS <ul style="list-style-type: none"> • Canonical Ltd Support until 2027 • End of life April 2032 • Ubuntu 20.04 LTS <ul style="list-style-type: none"> • Canonical Ltd Support until 2025 • End of life April 2030 • Ubuntu 18.04 LTS <ul style="list-style-type: none"> • Canonical Ltd support until April 2023 • End of life April 2028 |
| <p>Web Servers/Web Application Servers</p> | <p>SignDoc Standard</p> <p>SignDoc Standard is supported for the provided installation package that includes a Windows Service or Docker container.</p> <p>SignDoc Web</p> <p>It is generally recommended to install the SignDoc Web as a Windows Service or run it as Docker container as described in the installation guide.</p> <p>Application Server</p> <ul style="list-style-type: none"> • Apache Tomcat 9.0.x (tested version: 9.0.64) <p>Java runtime for application server</p> <ul style="list-style-type: none"> • Windows 64-bit: Java 11 • Linux 64-bit: Java 11 <div style="background-color: #e0f2f7; padding: 5px; margin: 10px 0;"> <p>i In case of manual installation, make sure that JCE with "unlimited strength" is available.</p> </div> |

| Specification | Description |
|--|--|
| <p>DBMS (SignDoc Standard only)</p> | <p>Microsoft SQL Server For the supported Microsoft SQL Server versions the latest service pack is required.</p> <p> For direct access to the database, SQL Server Command Line Utilities or Management Studio must be installed.</p> <ul style="list-style-type: none"> • Azure SQL database • 2019 (tested edition: Enterprise) • 2017 <ul style="list-style-type: none"> • Microsoft Extended support (end date: Oct. 12, 2027, tested edition: Express) <p>Support for installations on SQL Server 2016 and 2014 is deprecated and discontinued when Microsoft Extended support will end.</p> <ul style="list-style-type: none"> • 2016 <ul style="list-style-type: none"> • Microsoft Extended support (end date: Jul. 14, 2026) • 2014 <ul style="list-style-type: none"> • Microsoft Extended support (end date: Jul. 9, 2024) <p>H2 DB</p> <ul style="list-style-type: none"> • Supported for evaluation only |
| <p>SMTP (SignDoc Standard only)</p> | <p>Using the email functionality, an SMTP server must be installed and/or accessible. The required SMTP configuration is dependent on the network setup for each organization, along with other factors.</p> <p> Kofax SignDoc does not need to receive emails.</p> |
| <p>Required 3rd Party Technologies</p> | <ul style="list-style-type: none"> • Windows systems <ul style="list-style-type: none"> • Visual C++ 2017 Redistributable Package (x64) • Java Runtime Environment <ul style="list-style-type: none"> • Windows 64-bit: Java 11 • Linux 64-bit: Java 11 |

| Specification | Description |
|----------------------------|--|
| Compatible Software | <p>Kofax Total Agility (using SignDoc Standard)</p> <ul style="list-style-type: none"> • 7.10, 7.9, 7.8 <p>Kofax Communication Manager (using SignDoc Standard)</p> <ul style="list-style-type: none"> • 5.6, 5.5, 5.4 <p>Kofax Power PDF (using SignDoc Standard)</p> <ul style="list-style-type: none"> • Windows version: 5.0, 4.1 <p>Kofax FraudOne (only SignDoc Web)</p> <ul style="list-style-type: none"> • 4.3 or higher (via plugin version 3 of supported versions of SignDoc Web; see the <i>Kofax FraudOne Technical Specifications</i>.) <div style="background-color: #e0f2f7; padding: 5px; border: 1px solid #ccc;"> <p> Requires updated FraudOne eForms plugin.</p> </div> |
| Languages supported | English |
| Virtual System | You can deploy SignDoc server components on VMs running on operating systems as specified above. |

SignDoc Clients

This section describes what users need on the client side to create and maintain accounts as well as to create and maintain signing packages in SignDoc Standard. It describes also what users need to sign or review documents using SignDoc Standard or SignDoc Web.

Requirements that apply to all clients of a web application are summarized in the [General requirements](#) section. Particular requirements that apply only to individual components are listed in a separate section.

General requirements



This section describes requirements that apply to all SignDoc clients not operating on mobile devices.

| Specification | Description |
|-----------------|--|
| Hardware | <p>We recommend a standard office desktop computer with at least 2 GB of RAM (4 GB RAM is recommended).</p> <p>There are additional requirements for client applications when native handwritten signatures have to be captured.</p> |

| Specification | Description |
|---|--|
| Browser (usage on desktop computer) | Microsoft Edge <ul style="list-style-type: none"> • Microsoft Edge (tested version 103.0.1264.77, 64-bit) • Governed by Microsoft Modern Policy • Windows 11, 10 Google Chrome <ul style="list-style-type: none"> • Stable channel (tested version: 103.0.5060.134, 64-bit) Mozilla Firefox <ul style="list-style-type: none"> • ESR Version (current version) (tested version: 103.0.1, 64-bit) Safari <ul style="list-style-type: none"> • Mac OS X |
| Operating Systems | We recommend that you upgrade to the latest operating system update for the following supported operating system versions. Microsoft Windows <ul style="list-style-type: none"> • Windows 11, 10 (governed by Microsoft Modern Policy) • Windows 8.1 <ul style="list-style-type: none"> • Requires Microsoft Extended support (end date: Jan. 10, 2023) Linux <ul style="list-style-type: none"> • Only x86/x64 Mac OS <ul style="list-style-type: none"> • OS X |


SignDoc Standard Manage Client and Administration Center

This section describes additional requirements and details for the client application to create and maintain accounts as well as to create and maintain signing packages using SignDoc Standard.

| Specification | Description |
|--------------------------------|---|
| Accessibility | We recommend an Internet connection capable of 100 Mbps. |
| Mobile operating system | We recommend administrating SignDoc Standard via desktop computer. <div style="background-color: #e1f5fe; padding: 5px; border: 1px solid #cfe2f3;">  When using a mobile device for administration, we recommend a medium size device (tablets, 768 px and up). </div> |
| Languages supported | GUI available in: <ul style="list-style-type: none"> • Dutch, English, French, German, Italian, Japanese, Portuguese (Brazil), Simplified Chinese, Spanish <div style="background-color: #e1f5fe; padding: 5px; border: 1px solid #cfe2f3;">  Other languages are in the responsibility of the customer. </div> |

SignDoc Signing Client

This section describes additional requirements and details for the client web applications to sign or review documents. Deviations for the legacy SignDoc Web Browser Client are covered in the section [SignDoc Web - Browser Client](#). Requirements for the SignDoc Mobile App are treated in section [SignDoc Web - SignDoc Mobile Client](#).

| Specification | Description |
|--|--|
| Compatible Hardware | <p>For desktop computers, we support devices that are compatible with the supported browser technology and supported client operating system as listed below as well as 10 GB or more free hard disk space for installing software for native handwritten signature capture.</p> <p>For mobile devices, we support devices that are compatible with the supported mobile operating system as listed below using device default (standard) browser technology.</p> <div style="background-color: #e6f2ff; padding: 5px; border: 1px solid #add8e6;"> <p> On mobile devices, the handwritten signature capturing is supported with a minimum of HTML5 capture.</p> </div> |
| Accessibility | <p>The browser-based signing clients require an Internet connection capable of the equivalent bandwidth of a 3G/LTE connection.</p> <p>Support mobile devices with mobile network or Wi-Fi network connectivity.</p> |
| Mobile Operating Systems | <p>Apple OS</p> <ul style="list-style-type: none"> • iOS 15 (tested version:) <ul style="list-style-type: none"> • iOS 14, 13, 12, 11, 10, 9.3 are deprecated • iPadOS 15 <ul style="list-style-type: none"> • iPadOS 14, 13.1 are deprecated <p>Google Android OS</p> <ul style="list-style-type: none"> • 12.x, 11.x, 10.x (tested version: 12.0) <ul style="list-style-type: none"> • 9.x , 8.x are deprecated <p>Microsoft Windows OS</p> <ul style="list-style-type: none"> • Windows 10 (governed by Microsoft Modern Policy) |
| Handwritten Signature Capture on mobile operating systems | <p>The default (standard) browser technology delivered with the supported mobile operating system is supported for handwritten signature capturing.</p> |

| Specification | Description |
|--|---|
| Handwritten Signature Capturing (using browsers on desktop computer) | Microsoft Windows OS <ul style="list-style-type: none"> Native handwritten signature capture support via SignDoc Device Support 3.2.0 <ul style="list-style-type: none"> Microsoft Edge Google Chrome Mozilla Firefox (ESR) HTML5 handwritten signature capture <ul style="list-style-type: none"> Microsoft Edge Google Chrome Mozilla Firefox (ESR) Apple Mac OSX <ul style="list-style-type: none"> HTML5 handwritten signature capture <ul style="list-style-type: none"> Safari |
| Swedish BankID service | Microsoft Windows OS <ul style="list-style-type: none"> Microsoft Edge Google Chrome Mozilla Firefox (ESR) |
| Compatible Software (via browser on desktop computer) | SignDoc Device Support (only for Windows desktop systems) <ul style="list-style-type: none"> 3.2.0 native signature capture via Google Chrome, Mozilla Firefox, Microsoft Edge <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p>i The usage of "client certificates" requires Windows 10 as operating system.</p> </div> |
| Languages supported | GUI available in: <ul style="list-style-type: none"> Dutch, English, French, German, Italian, Japanese, Portuguese (Brazil), Simplified Chinese, Spanish <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p>i Other languages are in the responsibility of the customer.</p> </div> |

SignDoc Web - Browser Client

This section describes details for the browser client of SignDoc Web that differ from the SignDoc Signing Client. General requirements are listed in the section [General requirements](#).

| Specification | Description |
|---|--|
| Browser | Microsoft Internet Explorer 11 is not supported. |
| Handwritten Signature Capturing (via Browser on desktop computer) | HTML5 handwritten signature capture is only available for the SignDoc Web Browser client "mobile view". SignDoc Device Support 3.2.0 (only for Windows desktop systems) |

| Specification | Description |
|----------------------------|--|
| Languages supported | GWT GUI available in: <ul style="list-style-type: none"> Dutch, English, French, German, Italian, Japanese, Portuguese (Brazil), Simplified Chinese, Spanish |

SignDoc Web - SignDoc Mobile Client

This section describes the requirements for the SignDoc Mobile app. SignDoc Mobile is a client application for SignDoc Web.

| Specification | Description |
|--|--|
| Hardware | 1 GB RAM |
| Accessibility | SignDoc Web requires an Internet connection capable of the equivalent bandwidth of a 3G/LTE connection. Supported mobile devices with mobile network or Wi-Fi network connectivity. |
| Mobile Operating Systems | Apple OS <ul style="list-style-type: none"> iOS 15 (tested version) <ul style="list-style-type: none"> iOS 14, 13, 12, 11, 10, 9.3 are deprecated iPadOS 15, 14 <ul style="list-style-type: none"> iPadOS 13.1 is deprecated Google Android OS <ul style="list-style-type: none"> 11.x, 10.x (tested version 10) <ul style="list-style-type: none"> 9.x, 8.x are deprecated Microsoft Windows OS <ul style="list-style-type: none"> Windows 11, 10 (governed by Microsoft Modern Policy) |
| Handwritten Signature Capturing | Native handwritten signature capturing |
| Languages supported | Available in: <ul style="list-style-type: none"> English |

SignDoc SDK


SignDoc SDK enables the creation of applications that process SignDoc documents, rendering as images, signing, and verifying PDF and TIFF documents. It provides functionality to capture and verify handwritten signatures on mobile devices, or from specific USB signature pads. The technical specifications in this section are specific to SignDoc SDK 5.0.1.

SignDoc SDK is delivered as 64-bit package. For selected handwritten signature capturing components, a 32-bit version is available upon request.

| Specification | Description |
|--|---|
| <p>Hardware System Requirement for Development</p> | <p>Windows Microsoft Windows 11/10/8.1 (64-bit) Processor: Minimum 2 GB RAM, recommended 8 GB RAM 2 GB or more available disk space Additional disk space for development environment</p> <p>Linux Restricted to headless operations (no GUI and no GUI elements)</p> <p>Android Android development environment</p> <p>iOS As defined by iOS development environment</p> |
| <p>Hardware System Requirement for Deployment</p> | <p>Windows 100 MB or more available disk space 1 GB RAM</p> <p>Linux 100 MB or more available disk space 1 GB RAM</p> <p>Android 1 GB RAM All Android devices are supported for signature capture.</p> <p>iOS 1 GB RAM 64-bit capable iOS hardware</p> |
| <p>Supported Platforms</p> | <p>android-arm64v8a android-armv7a darwin-x86_64 darwin_arm64 iOS-universal (arm64, x86_64) linux-x86_64 Win64 (amd64, x86) WinRT_x64</p> |
| <p>Software System Requirement for Development</p> | <p>Windows, Linux Java Development Kit (JDK) 11 Visual Studio 2017</p> <p>Android As defined by Android development environment</p> <p>iOS Xcode 12</p> |

| Specification | Description |
|---|--|
| Software System Requirement for Deployment | Windows Visual C++ 2017 Redistributable Packages Java 11 Linux Java 11 Android 1 GB RAM iOS 1 GB RAM |
| Toolkits | Windows <ul style="list-style-type: none">• C, C++, .NET , Java Linux <ul style="list-style-type: none">• C, C++, Java Android <ul style="list-style-type: none">• Java iOS <ul style="list-style-type: none">• C, C++ |

| Specification | Description |
|---------------------------------|---|
| <p>Operating Systems</p> | <p>Windows</p> <ul style="list-style-type: none"> • Windows 11, 10 (64-bit) <ul style="list-style-type: none"> • Governed by Microsoft Modern Policy • Windows 8.1 (64-bit) <div style="background-color: #e0f2f7; padding: 5px; margin: 10px 0;"> <p>i Windows 8.1 (64-bit) requires Microsoft Extended support (end date: Oct. 1, 2023). SignDoc SDK WinRT interface supports only Windows 10.</p> </div> <ul style="list-style-type: none"> • Windows Server 64-bit 2019 • Windows Server 64-bit 2016 <div style="background-color: #e0f2f7; padding: 5px; margin: 10px 0;"> <p>i Support for installations on Windows Server 64-bit 2012 or Windows Server 64-bit 2012 R2 is deprecated and discontinued when Microsoft Extended support will end.</p> </div> <ul style="list-style-type: none"> • Windows Server 64-bit 2012 <ul style="list-style-type: none"> • Microsoft Extended support end date: Oct. 10, 2023 • Windows Server 64-bit 2012 R2 <ul style="list-style-type: none"> • Microsoft Extended support end date: Oct. 10, 2023 <p>Linux</p> <ul style="list-style-type: none"> • Ubuntu 22.04 LTS <ul style="list-style-type: none"> • Canonical Ltd Support until 2027 • Ubuntu 20.04 LTS <ul style="list-style-type: none"> • Canonical Ltd Support until 2025 • Ubuntu 18.04 LTS <ul style="list-style-type: none"> • Canonical Ltd support until April 2023 <p>Apple OS</p> <ul style="list-style-type: none"> • OSX • iOS 15 <ul style="list-style-type: none"> • iOS 14, 13, 12, 11, 10, 9.3 are deprecated • iPadOS 15 <ul style="list-style-type: none"> • iPadOS 14, 13.1 are deprecated <p>Google Android OS</p> <ul style="list-style-type: none"> • 12, 11, 10.x <ul style="list-style-type: none"> • Android 9.x, 8.x are deprecated |

| Specification | Description |
|--|---|
| <p>Mobile devices supported Pen</p> | <p>Android</p> <ul style="list-style-type: none"> • S-Pen (requires device supporting S Pen) • Pens supported via Android SDK <p>Apple Pencil</p> <ul style="list-style-type: none"> • Apple Pencil 2nd generation (12.9" iPad Pro 3rd generation, 11" iPad Pro) • Apple Pencil (12.9" iPad Pro 1st and 2nd generation, 10.5" iPad Pro, 9.7" iPad Pro, iPad 6th generation, iPad Air 3rd generation, iPad mini 5th generation) <p>Wacom Stylus with Apple devices</p> <ul style="list-style-type: none"> • Intuos Creative Stylus (iPad Air 1 / 2, iPad mini 1 - 3, iPad 3 / 4) • Intuos Creative Stylus 2 (iPad Air 1, iPad mini 1 - 3, iPad 3 / 4) • Bamboo Stylus Finesline (iPad, iPad Air 1 / 2, iPad mini 1 - 4, iPad 3rd - 4th generation) • Bamboo Finesline (iPad Air 1 / 2, iPad mini 1 - 4, iPad 3rd - 6th generation, 10.5 inch iPad Pro, 12.9 inch iPad Pro 1st - 2nd generation) • Bamboo Finesline 2 (iPad, iPad Air 1 / 2, iPad mini 1 - 4, iPad 3rd - 4th generation) • Bamboo Sketch (iPad Air 1 / 2, iPad mini 1 - 4, iPad 3rd - 6th generation, 9.7 inch iPad Pro, 10.5 inch iPad Pro, 12.9 inch iPad Pro 1st - 2nd generation) |
| <p>Mobile devices from Apple</p> | <p>iPhone (compatible with iOS 15.2)</p> <ul style="list-style-type: none"> • iPhone 13 Pro Max, 13 Pro, 13, 13 mini • iPhone 12 Pro Max, 12 Pro, 12, 12 mini • iPhone 11, 11 Pro, 11 Pro Max • iPhone X, XS, XS Max, XR • iPhone 8, 8Plus • iPhone 7, 7Plus • iPhone 6S, 6S Plus • iPhone SE (1st and 2nd generation) <p>iPad (compatible with iPadOS 15.2)</p> <ul style="list-style-type: none"> • iPad Pro 12,9" (5th, 4th, 3rd, 1st generation), 11" (1st, 2nd, 3rd generation), 9,7", 10,5" • iPad Air (4th, 3rd generation), AirPad 2 • iPad Mini (6th, 5th generation), mini 4 • iPad (9th, 8th, 7th, 6th, 5th generation) <div style="background-color: #e0f2f7; padding: 10px; border: 1px solid #ccc;"> <p> Apple devices not upgradable to specified operating systems are not available for the described SignDoc SDK version. Apple devices that are unsupported by Apple are not supported.</p> </div> |

| Specification | Description |
|---|--|
| Required 3rd Party Technologies | Android For S-Pen support: Samsung S-Pen SDK Pens supported via Android SDK |
| Languages supported | English |

SignAlyze

SignAlyze is a standalone application to visualize handwritten biometric signatures, compare them, and validate certificates associated with the document including the signature data. It is an interactive tool providing forensic experts additional information for signature analysis. The technical specifications in this section are specific to SignAlyze 2.x.x.

| Specification | Description |
|---|---|
| Hardware | We recommend 1 GHz or faster, at least 1 GB of RAM and 500 MB or more free hard disk space. |
| Client Operating Systems | We recommend that you upgrade to the latest operating system update for the following supported operating system versions. Microsoft Windows <ul style="list-style-type: none"> Windows 11, 10 (64-bit) <ul style="list-style-type: none"> Governed by Microsoft Modern Policy <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p>i Windows 8.1 (64-bit) requires Microsoft Extended support (end date: Oct. 1, 2023)</p> </div> |
| Required 3rd Party Technologies | Microsoft shared runtime libraries: <ul style="list-style-type: none"> Visual C++ 2017 Redistributable Packages |
| Compatible Software | SignDoc Device Support <ul style="list-style-type: none"> 3.2.0 native signature capture <div style="background-color: #e0f2f7; padding: 5px; margin-top: 10px;"> <p>i SignDoc Device Support includes DeviceConnector and also the drivers for supported handwritten signature capture devices previously available with Softpro Driver Setup.</p> </div> |
| Languages supported | GUI available in: <ul style="list-style-type: none"> English German |

SignDoc Device Support

SignDoc Device Setup supports handwritten signature capture using external devices. It replaces the Softpro Driver Setup. The technical specifications in this section are specific to SignDoc Device Driver Setup 3.2.0.


Setup


The setup installs the SignDoc Device components.

| Specification | Description |
|---|--|
| Hardware | We recommend 1 GHz or faster, at least 1 GB of RAM and 200 MB or more free hard disk space. |
| Operating Systems | We recommend that you upgrade to the latest operating system patch of the following supported operating system versions. Microsoft Windows Client <ul style="list-style-type: none"> Windows 11, 10 (64-bit) <ul style="list-style-type: none"> Governed by Microsoft Modern Policy |
| Required 3rd Party Technologies | <ul style="list-style-type: none"> Microsoft Visual C++ 2017 Redistributable (x86) Manufacturer device drivers for signature pads. |
| Languages supported | English |

Core - Device Connector

The Device Connector enables the web-based capture of handwritten signatures. The Device Connector is also required to retrieve certificates.

 The usage of "client certificates" requires Windows 11 or 10 as operating system.

| Specification | Description |
|-----------------|---|
| Hardware | We recommend 1 GHz or faster, at least 1 GB of RAM and 200 MB or more free hard disk space. |
| Browser | We recommend that you upgrade to the latest stable channel or long-term supported versions <ul style="list-style-type: none"> Google Chrome Mozilla Firefox Microsoft Edge <p> Photo capture is supported as file upload.</p> |

| Specification | Description |
|---|---|
| Client Operating Systems | <p>We recommend that you upgrade to the latest operating system update for the following supported operating system versions.</p> <p>Microsoft Windows</p> <ul style="list-style-type: none"> Windows 11, 10 |
| Required 3rd Party Technologies | <ul style="list-style-type: none"> Microsoft Visual C++ 2017 Redistributable (x86) Wacom STU Driver Manufacturer device drivers for interactive Pen Displays and signature pads without display. SafeNet eToken 5110 Series Driver |
| Compatible 3rd Party Technologies | <p>USB Signature Pads with LCD</p> <ul style="list-style-type: none"> WACOM STU-500, STU-520, STU-530, STU-540, STU-541 WACOM STU-430 WACOM STU-300 <p>Interactive Pen Displays</p> <ul style="list-style-type: none"> WACOM DTU-1031 WACOM DTU-1031X WACOM DTU-1141, DTU-1141B WACOM DTU-1631 <p>Signature Pads without Display</p> <ul style="list-style-type: none"> WACOM Intuos Pro - Inking Pen: KP-130 <p>USB Token</p> <ul style="list-style-type: none"> SafeNet eToken 5110 Series |
| Compatible Software | <p>Kofax SignDoc Standard</p> <ul style="list-style-type: none"> 3.2.0 <p>Kofax SignDoc Web (no USB token support)</p> <ul style="list-style-type: none"> 3.2.0 |

Core - SignPad Driver, Touch & Pen Support

SignPad driver components enable capture of handwritten signatures using WACOM devices and provide an access module for Windows integrated touch pen devices.


| Specification | Description |
|-----------------|--|
| Hardware | <p>We recommend 1 GHz or faster, at least 1 GB of RAM and 200 MB or more free hard disk space.</p> |

| Specification | Description |
|---|--|
| Client Operating Systems | <p>We recommend that you upgrade to the latest operating system update for the following supported operating system versions.</p> <p>Microsoft Windows</p> <ul style="list-style-type: none"> Windows 11, 10 |
| Required 3rd Party Technologies | <ul style="list-style-type: none"> Microsoft Visual C++ 2017 Redistributable (x86) Wacom STU Driver Manufacturer device drivers for interactive Pen Displays and signature pads without display. |
| Compatible 3rd Party Technologies | <p>USB Signature Pads with LCD</p> <ul style="list-style-type: none"> WACOM STU-500, STU-520, STU-530, STU-540, STU-541 WACOM STU-430 WACOM STU-300 <p>Interactive Pen Displays</p> <ul style="list-style-type: none"> WACOM DTU-1031 WACOM DTU-1031X WACOM DTU-1141, DTU-1141B WACOM DTU-1631 <p>Signature Pads without Display</p> <ul style="list-style-type: none"> WACOM Intuos Pro - Inking Pen: KP-130 |
| Compatible Software | <p>Kofax SignDoc</p> <ul style="list-style-type: none"> 3.2.0 |

Core - Virtual Channel

The Virtual Channel component allows the usage of USB signature pads without a COM Port Mapping.

| Specification | Description |
|-----------------|--|
| Hardware | <p>We recommend 1 GHz or faster, at least 1 GB of RAM and 1 MB or more free hard disk space.</p> |

| Specification | Description |
|--|--|
| <p>Operating System</p> | <p>Microsoft Windows</p> <ul style="list-style-type: none"> • Windows 11, 10, 8.1 (64-bit) • Windows 8.1 (32-bit or 64-bit) requires Microsoft Extended support (end date: Oct. 1, 2023) • Windows Server 64-bit 2019 • Windows Server 64-bit 2016 <div style="background-color: #e0f2f7; padding: 5px; border: 1px solid #ccc; margin: 10px 0;"> <p> Support for installations on Windows Server 64-bit 2012 or Windows Server 64-bit 2012 R2 is deprecated and discontinued when Microsoft Extended support will end.</p> </div> <ul style="list-style-type: none"> • Windows Server 64-bit 2012 <ul style="list-style-type: none"> • Microsoft Extended support end date: Oct. 10, 2023 • Windows Server 64-bit 2012 <ul style="list-style-type: none"> • Microsoft Extended support end date: Oct. 10, 2023 <p>Linux</p> <ul style="list-style-type: none"> • Ubuntu 22.04 LTS <ul style="list-style-type: none"> • Canonical Ltd Support until 2027 • Ubuntu 20.04 LTS <ul style="list-style-type: none"> • Canonical Ltd Support until 2025 • Ubuntu 18.04 LTS <ul style="list-style-type: none"> • Canonical Ltd support until April 2023 |
| <p>Client - Server Protocol</p> | <p>Windows</p> <ul style="list-style-type: none"> • ICA • RDP <p>Linux</p> <ul style="list-style-type: none"> • ICA |
| <p>Required 3rd Party Technologies</p> | <ul style="list-style-type: none"> • Citrix Client <ul style="list-style-type: none"> • Windows (32-bit, 64-bit) • Linux (x86) • Terminal Service - Microsoft Remote Desktop Client on Windows (32-bit and 64-bit) |
| <p>Compatible 3rd Party Technologies</p> | <p>USB Signature Pads with LCD</p> <ul style="list-style-type: none"> • WACOM STU-500, STU-520, STU-530, STU-540, STU-541 • WACOM STU-430 • WACOM STU-300 |
| <p>Compatible Software</p> | <p>Kofax SignDoc</p> <ul style="list-style-type: none"> • 3.2.0 |