

Kofax FraudOne Technical Specifications

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KOFAX

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Document revision history

Date	Revision	Description
November 9, 2022	1.0	Initial version for FraudOne 4.6.0
March 8, 2023	1.1	Updated version for FraudOne 4.6.0
April 5, 2023	1.2	Updated "Required Third Party Technologies"
February 12, 2024	1.3	Updated "Required Third Party Technologies"
April 4, 2024	1.4	Added Windows 11 to "Client Operating Systems" section
June 5, 2024	1.5	Updated "Required Third Party Technologies"

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Chapter 1

About Kofax FraudOne technical specifications

FraudOne is a fraud prevention solution that helps to reduce operational risk in payment processing. The solution is designed for large and mid-sized banks dealing with high volumes of checks or remittance slips (giro) but easily scales between the largest of these and those with the smallest volumes. The solution also supports customers with signature and document verification requirements outside the banking environment. The sophisticated rules engine of FraudOne enables operational risk managers, enterprise operations leaders, and product or channel managers to make changes in rules quickly to cope with frequent changes in check fraud patterns.

FraudOne employs different verification methods, such as signature verification and check stock verification for pay/no-pay decisions. The solution can be combined with any data a customer can provide from existing systems, i.e. it is complementary to existing systems and not intended to necessarily replace them. The software scales very easily to allow organizations to deal with very high peak volumes.

The technical specifications in this document are specific to Kofax FraudOne 4.6.0. Kofax FraudOne 4.6.0 supports upgrades from version 4.4.1 and 4.4.2.


 Upgrades from previous versions are cumulative and must be performed using the migration tools provided with previous releases.





Chapter 2


Product requirements

Server components

This specification applies to all server components delivered as part of the FraudOne product.

Specification	Description
Hardware	<p>A server class system is required to run FraudOne in an enterprise environment. We will support the product on any hardware capable of running the base operating system. The processing power and memory configuration of this physical server directly affects performance.</p> <p>Disk space: minimum 1GB for installation or more free hard disk space, plus database space</p>
Accessibility	<p>1 GB network minimum, configured at full duplex, is required for this server and the database server.</p>
Server Operating Systems	<ul style="list-style-type: none">• Windows Server 64-bit 2012• Windows Server 64-bit 2012 R2 <div data-bbox="574 1220 1451 1314" style="background-color: #e0f2f7; padding: 5px;"><p> Extended support for Windows Server 2012 R2 and Windows Server 2012 ends on October 10, 2023.</p></div> <ul style="list-style-type: none">• Windows Server 64-bit 2016• Windows Server 64-bit 2019
Web Servers/Web Application Servers	<ul style="list-style-type: none">• Apache Tomcat 8.5.x• Apache Tomcat 9.0.x• Apache Tomcat 10.0.x• WebSphere 8.5.x

Specification	Description
DBMS	<p>IBM Universal Database (DB2)</p> <ul style="list-style-type: none"> Version 10.5, Enterprise or Workgroup Edition <p> Support for DB/2 Enterprise Edition 10.5 and Workgroup Edition 10.5 ended April 30, 2020.</p> <ul style="list-style-type: none"> Version 11.1, Enterprise or Workgroup Edition Version 11.5, Enterprise or Workgroup Edition <p>IBM DB2 for z/OS</p> <ul style="list-style-type: none"> Version 12.1 <p>Oracle</p> <ul style="list-style-type: none"> 12 Enterprise Edition <p> Extended support for Oracle Enterprise Edition 12.1 and Standard Edition 2 (SE2) 12.1 ended July, 2022.</p> <ul style="list-style-type: none"> 14 Enterprise Edition 18 Enterprise Edition 19 Enterprise Edition <p> If data warehouse reports are not used Oracle standard edition is allowed.</p> <p>MS SQL Server</p> <ul style="list-style-type: none"> 2012 <p> Extended support for MSSQL Server 2012 ended July, 2022.</p> <ul style="list-style-type: none"> 2014 2016 2017 2019

Specification	Description
Required Third Party Technologies	<p>Microsoft shared runtime libraries</p> <ul style="list-style-type: none"> Visual C++ Redistributable for Visual Studio 2022 (version 17.4) Visual C++ Redistributable for Visual Studio 2019 (version 16.9) Visual C++ Redistributable for Visual Studio 2017 (version 15.9) Visual C++ Redistributable for Visual Studio 2015 with Update 3 <p> The above is for both x64 and x86: vc_redist_x86.exe or vc_redist_x64.exe.</p> <p>Java SE Runtime Environment</p> <ul style="list-style-type: none"> Windows 64-bit Java 8 or higher (if compatible with Amazon Corretto 1.8)
Compatible Kofax Software	<ul style="list-style-type: none"> SignDoc Web Version 2.2 or other versions using SignDoc Web plugin interface V3 Kofax SignDoc SDK Version 4.3 Kofax Insight 6.4
Languages supported	English
Recommendations	<p>Server recommendations</p> <ul style="list-style-type: none"> It is strongly recommended not to place any (other) server processes or facilities on those machines (due to caching conflicts between the file system cache and the database server cache manager and due to priority conflicts with other server processes). For performance and throughput reasons in the SignCheck environment in larger installations, it is strongly recommended to install the FraudOne Application Servers on one server machine and the database server on a separate server machine. In this case, the server machine for the FraudOne Application Servers must have a database client installed. <p>Engine recommendations</p> <p>The SignCheck Check Engine Servers must be dedicated machines. There must not be any other activities during the time period of the running engine process on these machines.</p>

Client components

This specification applies to all client components delivered as part of the FraudOne product.

Specification	Description
Hardware	We recommend Standard Desktop CPU, at least 1 GB of RAM and 500 MB or more free hard disk space.
Accessibility	minimum 1 GB network

Specification	Description
Browser	<p>ThinClient (Browser Client)</p> <p>FraudOne core functionality works with any JavaScript enabled browsers. If access to locally attached hardware is required, FraudOne uses services from the SignDoc Toolkit. Please refer to the SignDoc documentation regarding specific hard- and software requirements.</p>
Client Operating Systems	<ul style="list-style-type: none"> Windows 8.1 <p>i Extended support for Windows 8.1 ends on January 10, 2023.</p> <ul style="list-style-type: none"> Windows 10 Windows 11
Required Third Party Technologies	<p>Microsoft shared runtime libraries</p> <ul style="list-style-type: none"> Visual C++ Redistributable for Visual Studio 2022 (version 17.4) Visual C++ Redistributable for Visual Studio 2019 (version 16.9) Visual C++ Redistributable for Visual Studio 2017 (version 15.9) Visual C++ Redistributable for Visual Studio 2015 with Update 3 <p>i The above is for both x64 and x86: <code>vc_redist_x86.exe</code> or <code>vc_redist_x64.exe</code>.</p> <p>Java SE Runtime Environment</p> <ul style="list-style-type: none"> Windows 64-bit Java 8 or higher (if compatible with Amazon Coretto 1.8)
Compatible Kofax Software	<p>SignDoc Device Driver Support</p> <ul style="list-style-type: none"> 2.1.0
Languages supported	<ul style="list-style-type: none"> English German
Recommendations	<p>Server Monitor</p> <p>The Java Server Monitor should run on a separate PC.</p>