

Sage XRT Treasury

version 4.0.600

Sage XRT Communication/Signature

version 4.0.400

Technical Guidelines





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Foreword

These versions of **Sage XRT Business Exchange** and **Sage XRT Communication & Signature** apply the security recommendations of *Oracle* and the various browser editors.

So *Java* applet is no longer used and *Internet Explorer* 8-9 have been decommissioned for **Sage XRT** software.



Web Signature functions fully operate under MAC OSX.

Compatibility Chart

Environment	Prerequisite Type	Prerequisite
Sage Software	These prerequisites are designed for	Sage XRT Treasury v4.0.600 Sage XRT Communication & Signature v4.0.400 Sage XRT Common Services v3.9.201 Sage Bank Format Library v2.1.204 Sage View & Sign 1.0.6 Sage Eb Admin Rest Api 1.0.1
	Prerequisites for this Service Pack installation	Sage XRT Treasury v4.0.x Sage XRT Communication/Signature v4.0.200 Sage XRT Common Services v3.9.x Sage Bank Format Library v2.x Sage View & Sign 1.0.x
	Versions Interoperability	Sage Business Exchange v11.40.400 Sage XRT Advanced v2.0.0
	Build No.	Sage XRT Treasury 4.0.600 Sage XRT Communication/Signature 4.0.400.277
	Available Languages	French – English – Spanish Portuguese, Italian and German (incomplete localization for Sage XRT Communication/Signature)
Client Station	Operating System	Windows 7 SP1 64 bits Windows 8.1 64 bits Windows 10 64 bits MAC 64 bits (only for Signature Web) Screen Resolution: 1440x900 (16:9) or 1280x1024 (4:3)

Environment	Prerequisite Type	Prerequisite
	Minimum Sizing	Processor: 2Ghz Bi-pro/Dual Core RAM: 4GB Disk Space: 2GB
	Other required products	Microsoft .Net Framework 4.5.2 minimum DBMS Client (see DB Connectivity)
	Optional products	JRE v1.6.0.20 or v1.8.0.11 (32-bit) Required if the station makes SEPA conversions
	Compatible office suites	Microsoft Office 2010 & 2013 (with most recent Service Pack) and 2016
	Validated Browsers	Microsoft Windows 7,8 &10: <ul style="list-style-type: none"> • Internet Explorer 10, 11 / Edge • Chrome 47.x and later • Firefox 40 and later MAC OSX Sierra 10.12.2 & El Capitan 10.11 <ul style="list-style-type: none"> • Safari • Chrome 47.x and later • Firefox 40 and later See Mac OS Appendix
	Components not validated	All versions of Microsoft Office 64 bits Internet Explorer 8 & 9 JRE 1.7 (all update)
Application and/or Publication Server	Operating System	<i>Windows Server 2012 R2</i> <i>Windows Server 2016</i> (See Appendices)
	Other Required Components	Microsoft .NET Framework 4.5.2 minimum Internet Information Service: IIS 7.5, 8, 8.5 Java Execution Environment: JRE v1.6.0.20, v1.8.0.11 (32 bits)

Environment	Prerequisite Type	Prerequisite
	Minimum Sizing	Processor: 4 vCPU 2Ghz or equivalent RAM: 8 GB Disk Space: 3 GB (Programs)
Server and Database	Operating System	<i>Windows Server 2012 R2</i> <i>Windows Server 2016</i>
	Minimum Sizing	Processor: 4 vCPU 2Ghz or equivalent RAM: 8 GB
	Compatible Microsoft Databases	<i>SQL Server 2012</i> <i>SQL Server 2014</i> <i>SQL Server 2016</i>
	32-bit Microsoft DB Connectivity	minimum MS-SQL components: <ul style="list-style-type: none"> ▪ Client tools Connectivity ▪ Complete management tools
	Compatible Oracle Databases	<i>Oracle 12c</i> (See Appendices)
	32-bit Oracle Connectivity	Client Oracle (x86) 12.2.0.1.0 minimum <ul style="list-style-type: none"> ▪ Oracle Component to install: ▪ SQL*Plus ▪ Oracle Net ▪ Oracle Connection Manager ▪ Oracle ODBC drivers ▪ Oracle Provider for OLE DB ▪ ODAC 32-bit
Thin Client and Virtualization & Publication Tool (See Appendices)	Terminal Server Edition	<i>Windows Server 2012 R2 and 2016</i>
	XenApp	V5 and later
	ESX	V5 and later
	Hyper-V	<i>Windows Server 2012 R2 and 2016</i>

Environment	Prerequisite Type	Prerequisite
Sage View & Sign (smartphones & tablets)	Operating Systems	<i>Apple: iOS 9.0 minimum</i> <i>Android: Android 4.4.2 minimum</i> <i>Windows: Windows Phone 8.1 minimum</i>
	Validated Terminals	<i>Apple</i> <ul style="list-style-type: none"> • <i>iPad 2</i> • <i>iPad Air</i> • <i>iPhone 5</i> • <i>iPhone 6</i> <i>Android</i> <ul style="list-style-type: none"> • <i>Samsung Galaxy S4, S5 and S6</i> • <i>Samsung Galaxy Tab</i> • <i>Sony Xperia Z3 Compact</i> <i>Windows</i> <ul style="list-style-type: none"> • <i>Nokia Lumia 550, 625 and 635</i>

Appendices

Tablespaces

The following *Tablespaces* must be created.

Sage Common Services

- **XRT_DATA**: static data, 20 MB by default
- **XRT_INDEX**: 20 MB by default

Sage XRT Treasury

- **U2_DATA**: software data, 50 MB by default to be resized according to expected volumes
- **U2_INDEX**: software data indexes, 50 MB by default to be resized according to expected volumes
- **U2_TEMP**: temporary tables, 50 MB by default to be resized according to expected volumes
- **U2_AUDIDX**: temporary tables, 50 MB by default to be resized according to expected volumes
- **U2_AUD**: temporary tables, 50 MB by default to be resized according to expected volumes



The tablespaces names must not be changed. The naming of the physical files is free as long as it is supported by *Oracle* and the operating system.

XML formats such as CAMT054, SDD, SCT are not compatible with JRE 1.7.0.60 (32-bit).

Virtualization



Virtualization may have negative impacts on the applications processing times.

Some functions linked to Bank Communication Management can only be executed on an application server.

Before any deployment, the architecture and the size of your configuration may be validated by Sage consultants.

EBICS TS tokens drivers must be available for bank files transfer by Electronic Signature.

Windows

Windows Server

Installing **KB Windows KB3072630** generates an anomaly during **Sage XRT Common services** installation, which prevents the proper installation of the module. The outcome is a *rollback* during the **ODBC** components installation.

It is recommended not to install **KB3072630**.



It is recommended not to install **KB3072630**.

Signature Component



For more information on the signature component installation under Windows, refer to this document:

Sage Eb_eIDSign_TechnicalScope_MACOSX

Terminal Server

On TSE environments (W2012 R2, and later) for which the **Remote Desktop Service** (RDS) role is selected, the **Sage XRT Common Services** installation keeps the MSI Installer Coordinator looping and fails.

To solve this problem, it is recommended to enable the deactivation parameter of the RDS Compatibility for Windows Installer: *Computer Configuration\Administrative Templates\Windows Components\Remote Desktop Services\Remote Desktop Session Host\Application Compatibility\Turn off Windows Installer RDS Compatibility*.



For more information on this solution, refer to *SCS.3.7.3.Setup.Guide_EN.pdf*.

MAC OS

Signature Component



For more information on the signature component installation under Mac OS, refer to this document:

Sage Eb_eIDSign_TechnicalScope_MACOSX
