



Sage XRT Treasury
version 4.0.70

Sage XRT Communication & Signature
version 4.0.500

Technical Guidelines



Contents



Foreword	3
Compatibility Chart	4
Appendices	8
Tablespaces	8
Sage Common Services.....	8
Sage XRT Treasury	8
Virtualization	8
Windows.....	9
Windows Server	9
Signature Component	9
Terminal Server	9
MAC OS.....	9

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* 8-9-10 have been decommissioned for **Sage XRT** software.

Note: Web Signature functions fully operate under MAC OSX.

Compatibility Chart

Environment	Prerequisite Type	Prerequisite
Sage Software	Prerequisites for	Sage XRT Treasury v4.0.701 Sage XRT Communication & Signature v4.0.500 Sage XRT Common Services v3.9.203 Sage Bank Format Library v2.1.208 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.x Sage XRT Common Services v3.9.x Sage Bank Format Library v2.x Sage View & Sign 1.0.x
	Versions Interoperability	Sage Business Exchange v11.40.606 Sage XRT Advanced v 2.1.002 64 bits
	Build No.	Sage XRT Treasury 4.0.701.01 Sage XRT Communication & Signature 4.0.500.310
	Available Languages	French - English - Spanish Portuguese, Italian and German (incomplete localization for Sage XRT Communication & Signature)
Client Station	Operating System	Windows 7 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)

Compatibility Chart

Environment	Prerequisite Type	Prerequisite
Client Station	Minimum Sizing	Processor: 2Ghz Bi-pro/Dual Core RAM: 4 GB 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 bits 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, 8,1 &10: Internet Explorer 11 / Edge Chrome 63.x and later Firefox 57 and later MAC OSX Sierra 10.12.2 & El Capitan 10.11 Safari Chrome 63.x and later Firefox 57 and later see Mac OS Appendix
	Components not validated	All versions of Microsoft Office 64 bits Internet Explorer 8 & 9.10 JRE 1.7 (all update)
Application and/or Publication Server	Operating System	Windows Server 2012 R2 Windows Server 2016 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

Compatibility Chart

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

Compatibility Chart

Environment	Prerequisite Type	Prerequisite
Thin Client and Virtualization & Publication Tool see Appendices	XenApp	V6 and later
	vSphere	V5.5 and later
	Hyper-V	Windows Server 2012 R2 and 2016
Sage View & Sign smartphones & tablets	Operating Systems	Apple: iOS 9.0 minimum Android 4.4.2 minimum Windows Phone 8.1 minimum
	Validated Terminals	Apple: <ul style="list-style-type: none"> • iPad 2 • iPad Air • iPhone 6 • iPhone 7 • iPhone 10 Android: <ul style="list-style-type: none"> • Samsung Galaxy S4, S5 and S6 • Samsung Galaxy Tab • Sony Xperia Z3 Compact Windows: Nokia Lumia 550, 625 and 635

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

Warning: 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

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

Warning: Virtualization may have negative impacts on the applications processing times.

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.

Warning: 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.

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

MAC OS

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

Sage Eb_eIDSign_TechnicalScope_MACOSX