

sage

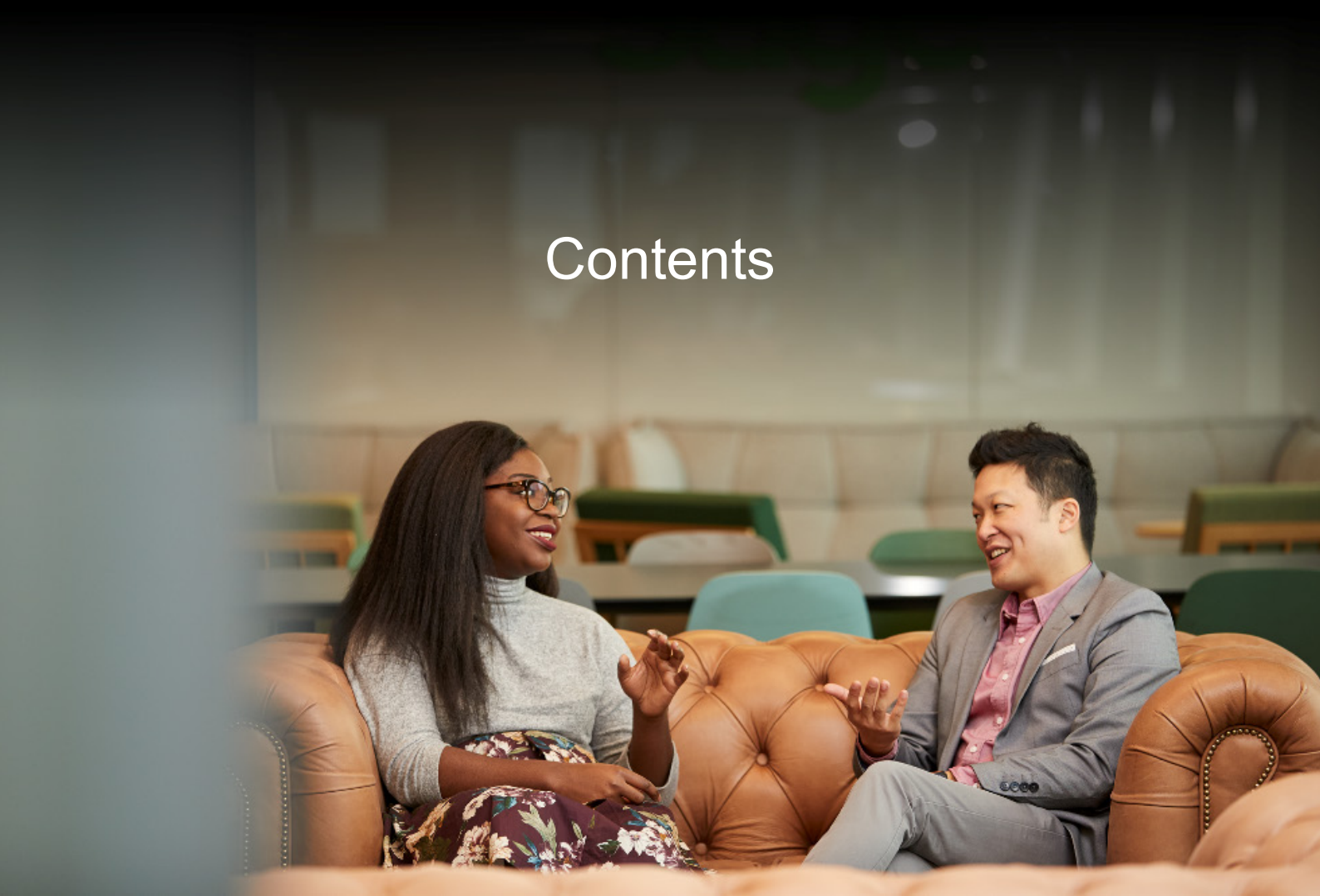
# Sage XRT Advanced

Version 2.3

## Technical Guidelines



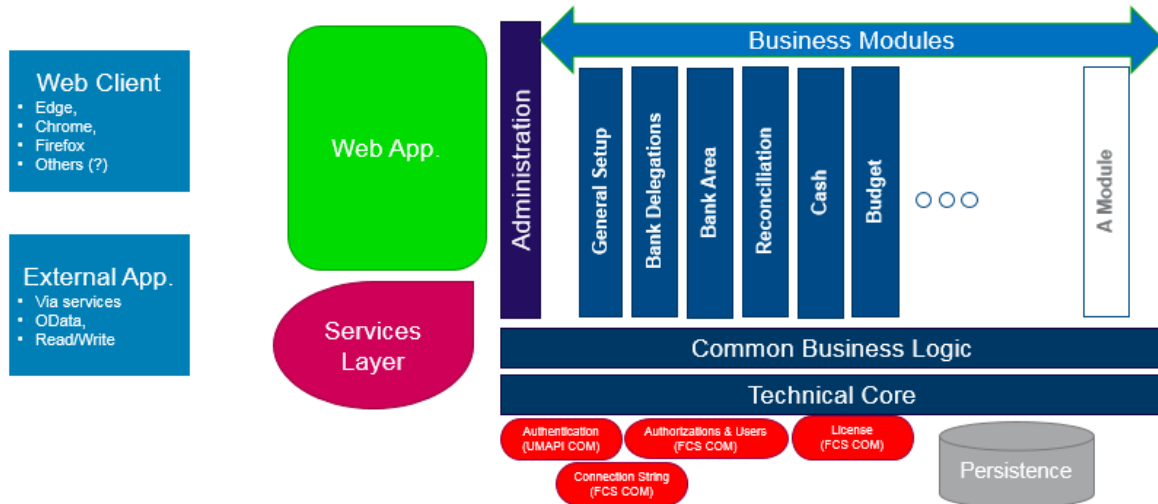
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# Sage XRT Advanced Architecture

## Platform



## Technical Features

**Sage XRT Advanced** is completely independent from the other *Sage* solutions. However, it can be fully integrated to these solutions through the **Sdata** protocol which facilitates internal exchanges (e.g.: account import or synchronization) and external exchanges with third-party applications.

**Sage XRT Advanced** also offers natively a high level of security with for example an automatic encryption for all user documents.

## Compatibility Matrix

Software	Sage XRT Advanced
Current Version	2.3
Operating System	Windows 7 SP1 Windows 10 Screen Resolution: <ul style="list-style-type: none"> <li>• 1366x768 HD minimum</li> <li>• 1920x1080 16:9 HD 1080 recommended</li> </ul>
Other required products	N/A
Compatible office suites	MS Office 365, MS Office 2016

## Sage XRT Advanced Architecture

Software	Sage XRT Advanced
Citrix XenApp v5 or later <sup>1 2</sup>	Yes
ESX v5 or later <sup>(1)</sup>	Yes
Hyper-V (Windows Server 2012 R2) <sup>12</sup>	Yes
Operating System	Windows 2012 R2, Windows 2016, Windows 2019
Other products required for Application Server	Microsoft .NET Framework version 4.7.1 minimum SAP Crystal Reports runtime engine for .Net framework 64-bit v13.0.23
Operating System	Windows 2012 R2, Windows 2016, Windows 2019
Compatible Microsoft Databases	SQL 2014, SQL 2016, SQL 2017 (32-bit Driver)
Internet Browsers (HTML 5)	Microsoft Edge v42.x minimum Google Chrome v69.x (64 bits) minimum Firefox Quantum v62.x (64 bits) minimum
Internet Service Management	Microsoft IIS on Windows Server versions supported from version 7.0
Java Runtime	N/A

<sup>1</sup> Virtualization may negatively affect applications processing times.

<sup>2</sup> Check the technical prerequisites and restrictions, editors should guarantee their backward compatibility.

## Sizing

Recommendations	Sage XRT Advanced
Client Station	Dual Core/Processor 2 Ghz 8 GB
Application Servers and Databases (2 different servers) <ul style="list-style-type: none"><li>• Processor Type</li><li>• Processor Speed</li><li>• RAM:</li></ul>	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support 2.0 GHz or more 16 GB RAM minimum, 32 GB recommended

# Important Recommendations

## Architecture

**Sage XRT Advanced** is a 64-bit application.

It is accessed from **Sage XRT Common Services**. This means that **Sage XRT Common Services** credentials are also used to enter **Sage XRT Advanced**, requiring that both the platform and **Sage XRT Common Services** are installed on the same application server (as well as **Sage XRT Treasury**).

## Components to be installed before Sage XRT Advanced

The components below must be installed before **Sage XRT Advanced**.

- Database Engine (refer to Compatibility Matrix)
- Microsoft IIS 7 or later
- Microsoft .NET Framework 4.7.2

The Installation sequencing for Microsoft IIS can be crucial. If **Microsoft IIS** is installed after **Microsoft .Net**, then the following command must be executed:  
`c:\Windows\Microsoft.NET\Framework64\v4.0.30319\aspnet_regiis.exe -i`

- **SAP Crystal Reports runtime engine for 64-bit .Net framework** (v13.0.23 provided by **Sage XRT Common Service** 4.3.101)

## Compatibility with Sage XRT Treasury

**Sage XRT Advanced** is compatible with **Sage XRT Treasury** as of the following versions:

- **Sage XRT Bank Format Library** 2.1.211
- **Sage XRT Common Services** 3.9.204
- **Sage XRT Treasury** 4.1.001

**Sage XRT Treasury** is a 32-bit application whereas **Sage XRT Advanced** is a 64-bit application.

We recommend that users follow this order:

1. **Sage XRT Bank Format Library** 2.1.211
2. **Sage XRT Common Services** 3.9.204
3. **Sage XRT Treasury** 4.1.001
4. **Sage XRT Bank Format Library** 4.3.101
5. **Sage XRT Common Services** 4.3.101
6. **Sage XRT Advanced** 2.3.0