

The Sage logo is displayed in a bright green, lowercase, sans-serif font at the top center of the page. The background of the entire page is a blurred photograph of three young adults (two women and one man) standing in a modern, brightly lit indoor space, possibly a university or office lobby, and engaged in conversation. The man in the center is holding a tablet.

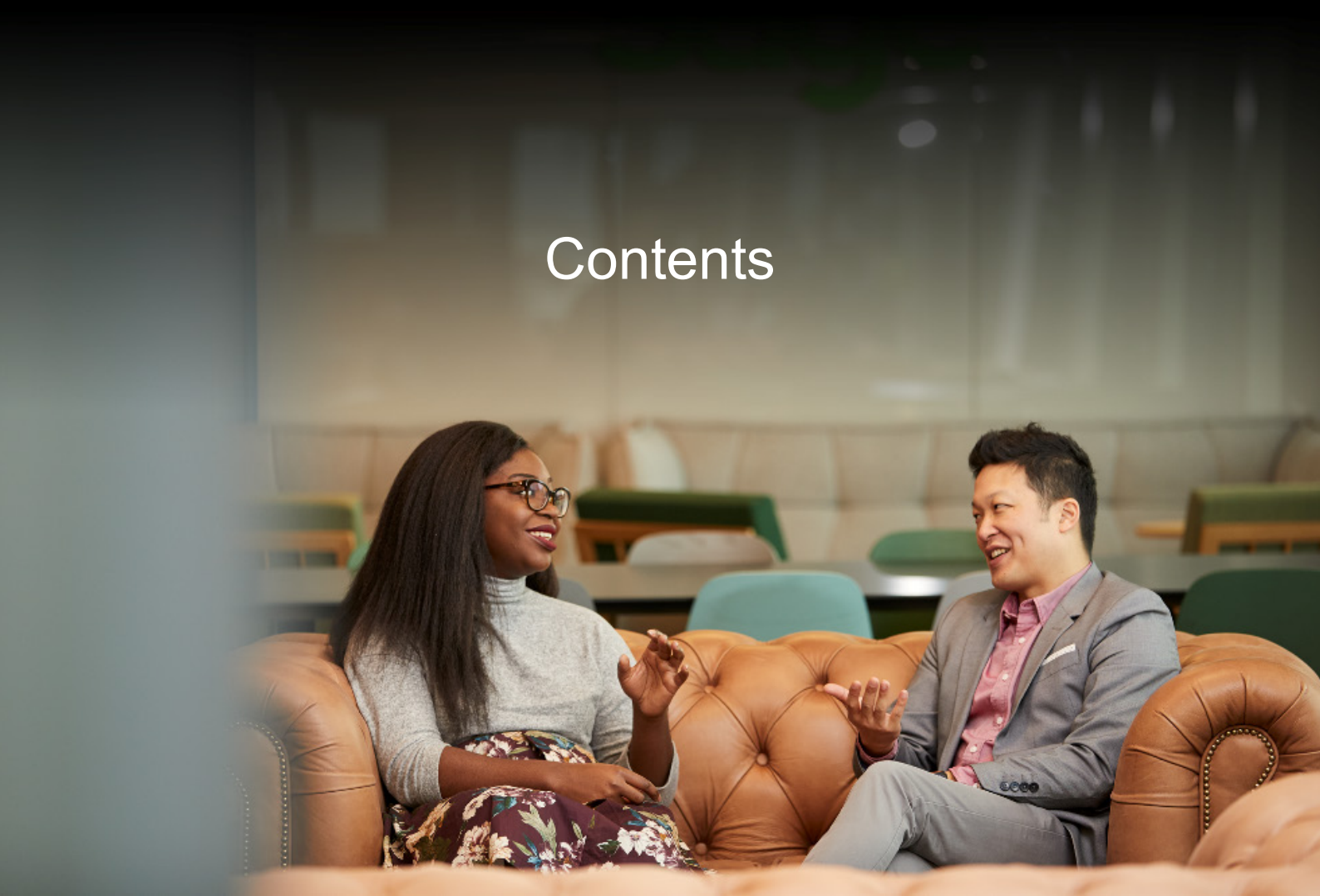
sage

Sage XRT Advanced

Version 2.2

Technical Guidelines

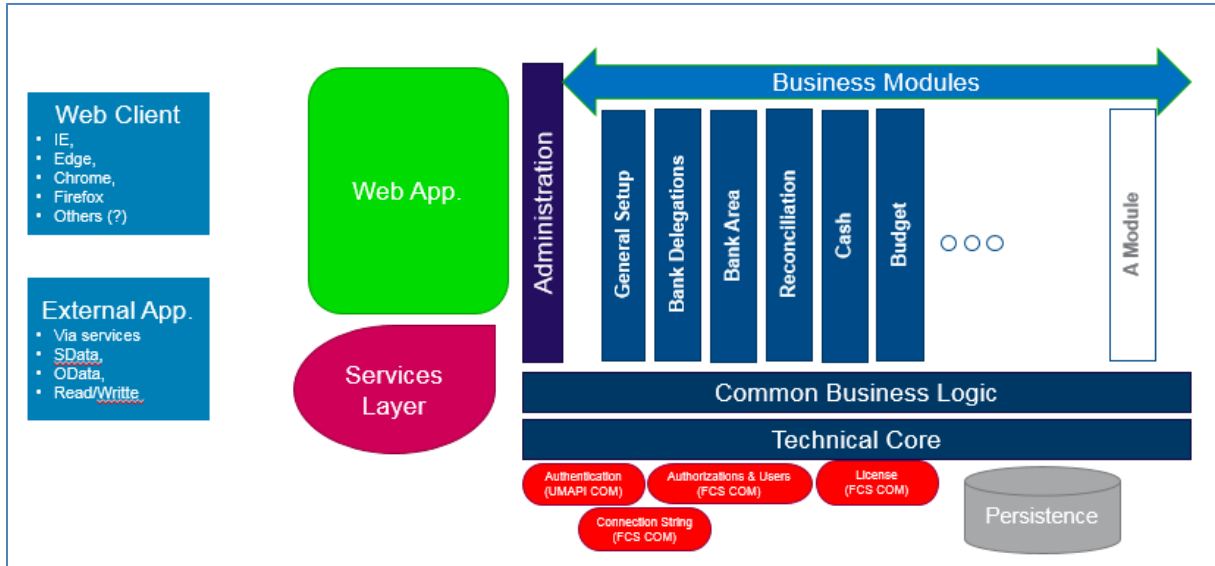
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Sage XRT Advanced Architecture

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 exchanges (e.g.: account import or synchronization). **Sage XRT Advanced** is also natively compatible with **Odata** protocol for all exchange with non-Sage products.

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	2.2
Operating System	Windows 8.1 Windows 10 Screen Resolution: 1024x768
Other required products	N/A
Compatible office suites	N/A
Citrix XenApp v5 or later ^{1 2}	Yes

Sage XRT Advanced Architecture

Software	Sage XRT Advanced
ESX v5 or later ⁽¹⁾	Yes
Hyper-V (Windows Server 2012 R2) ^{1 2}	Yes
Operating System	Windows 2012 R2, Windows 2016
Other products required for Application Server	Microsoft .NET Framework 4.6 SAP Crystal Reports runtime engine for 64-bit .Net framework v13.0.22
Operating System	Windows 2012 R2, Windows 2016
Compatible Microsoft Databases	SQL 2012, SQL 2014, SQL 2016 (32-bit Driver)
Internet Browser	Internet Explorer 11 Chrome v63.0.3239.84 (64-bit) minimum Firefox Quantum v59.0.2 (64-bit) minimum
Internet Service Management	Microsoft IIS on Windows Server versions supported from version 7.0
Java Runtime	N/A

¹ Virtualization may negatively affect applications processing times.

² Check the technical prerequisites and restrictions, editors should guarantee their backward compatibility.

Sizing

Software	Sage XRT Advanced
Client Station	Dual Core/Processor 2 Ghz 4 GB
Recommendation for Application Server	Intel Xeon Bi-pro /Dual Core 8 GB
Recommendation for Storage Server	Intel Xeon Bi-pro 8 GB SCSI disk 15 000 rpm RAID 1/5

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 .NET Framework 4.6.2
- Microsoft IIS 7 or later

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** (v13.0.22 minimum available from applications **Tools** sub-folder)

Compatibility with Sage XRT Treasury

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

- **Sage XRT Bank Format Library** 2.1.207
- **Sage XRT Common Services** 3.9.202
- **Sage XRT Treasury** 4.0.700

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** 2.1.207
2. **Sage XRT Common Services** 3.9.202
3. **Sage XRT Treasury** 4.0.700
4. **Sage XRT Bank Format Library** 4.2.0
5. **Sage XRT Common Services** 4.2.0
6. **Sage XRT Advanced** 2.2.0