



Sage XRT Advanced

Version 2.4

Technical Guidelines



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Preliminary Recommendations

Sage XRT Common Services

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**).

Pre-Requisites

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

- Database Engine (refer to Compatibility Matrix)
- **Microsoft IIS** 10 or later
- **Microsoft .NET Framework** 4.7.2
- **Microsoft .NET Core Runtime** 2.2.6 (required for **Sage.XRT.Advanced.PWA** web service)

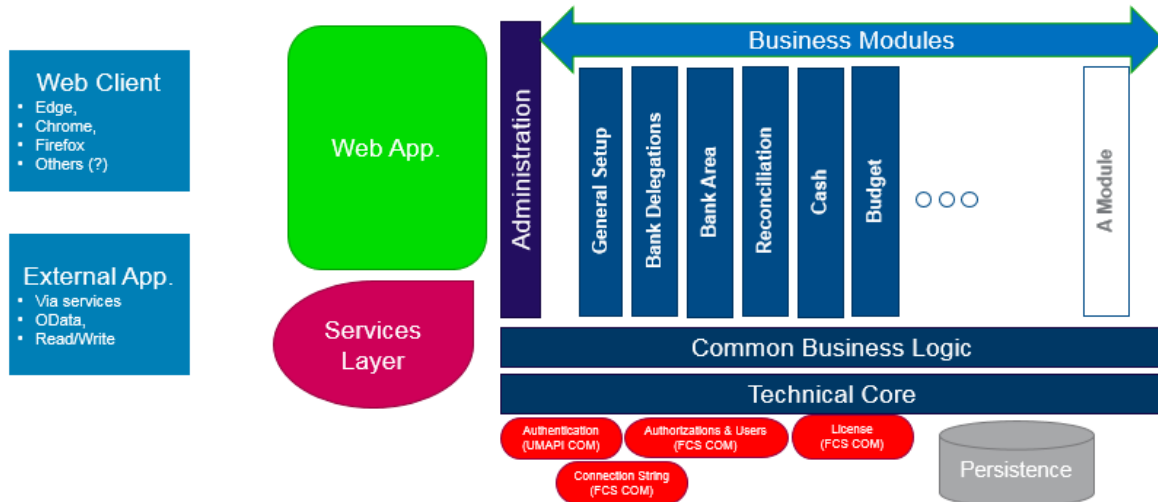
The Installation sequencing for Microsoft IIS can be crucial. If **Microsoft IIS** is installed after **Microsoft .Net**, then the following command must be executed:

```
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** 5.0.0)

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	V 2.4
Operating System	Windows 10 Screen Resolution: <ul style="list-style-type: none"> • 1366x768 HD minimum • 1920x1080 16:9 HD 1080 recommended
Other required products	N/A
Compatible office suites	MS Office 365, MS Office 2016

Architecture

Software	Sage XRT Advanced
Citrix XenApp v5 or later^{1 2}	Yes
ESX v5 or later ⁽¹⁾	Yes
Hyper-V (Windows Server 2012 R2)^{1 2}	Yes
Operating System	Windows 2016, Windows 2019
Other products required for Application Server	Microsoft .NET Framework version 4.7.2 minimum SAP Crystal Reports runtime engine for 64-bit .Net framework v13.0.23
Operating System	Windows 2016, Windows 2019
Compatible Microsoft Databases	SQL 2016, SQL 2017
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 10.0
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

Recommendation	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">• Processor Type: x64 Processor AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support• Processor Speed: 2.0 GHz or more• RAM: 16 GB RAM minimum, 32 GB recommended

Compatibility

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 4.4.0**
5. **Sage XRT Common Services 5.0.0**
6. **Sage XRT Advanced 2.4 (5.07.000.04)**