



# Sage XRT Advanced

Version 3.0

## Technical Guidelines



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## Preliminary Recommendations

### Sage XRT Common Services

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

**Sage XRT Advanced** uses **Sage XRT Common Services** to handle your connection (unique login - password combo), which involves the installation of **Sage XRT Advanced** on the same application server as **Sage XRT Common Services** and **Sage XRT Treasury**.

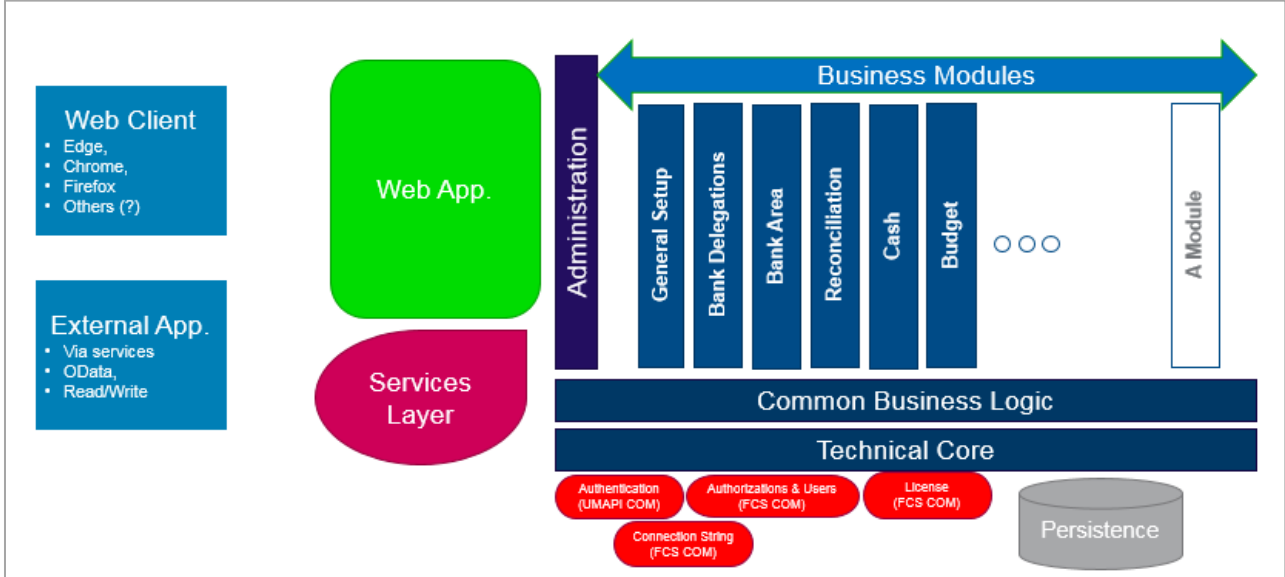
### Pre-Requisites

The following components **MUST** be installed before **Sage XRT Advanced**:

- Database Engine (refer to Compatibility Matrix)
- **Microsoft** Server IIS 10 Minimum
- **Microsoft .NET Framework** 4.7.2
- **Microsoft .NET Core Runtime** 2.2.6, required for **Sage.XRT.Advanced.PWA** web service
- **SAP Crystal Reports runtime engine for 64-bit .Net framework** (version 13.0.23 provided by **Sage XRT Common Service** 5.0. x)
- **JAVA 8 (64 bits)** for the smooth operation of *Clint*.

# 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
<b>Current Version</b>	V 3.0
<b>Operating System</b>	Windows 10 Screen Resolution: <ul style="list-style-type: none"> <li>• 1366x768 HD minimum</li> <li>• 1920x1080 16:9 HD 1080 recommended</li> </ul>
<b>Other required products</b>	N/A
<b>Compatible office suites</b>	MS Office 365, MS Office 2016

## Architecture

Software	Sage XRT Advanced
<b>Citrix XenApp v7 minimum<sup>1</sup></b>	Yes
<b>ESX v6.7 minimum<sup>1</sup></b>	Yes
<b>Hyper-V <sup>1</sup> (Windows Server 2016 and 2019)</b>	Yes
<b>Operating System</b>	Windows 2016, Windows 2019
<b>Other products required for Application Server</b>	Microsoft .NET Framework version 4.7.2 minimum SAP Crystal Reports runtime engine for 64-bit.Net framework v13.0.23
<b>Operating System for Storage Server</b>	Windows 2016, Windows 2019
<b>Compatible Microsoft Databases</b>	SQL 2017, SQL 2019
<b>Internet Browsers (HTML 5)</b>	Google Chrome version 69.x (64 bits) minimum Firefox version 62.x (64 bits) minimum
<b>Internet Service Management</b>	Microsoft IIS on Windows Server versions supported from version 10.0
<b>Java Runtime</b>	V8(64 bits)

<sup>1</sup> Check the technical prerequisites and restrictions, editors should guarantee their backward compatibility.

## Sizing

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



## Compatibility

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

- **Sage XRT Bank Format Library 4.5.0**
- **Sage XRT Common Services 5.0.5**
- **Sage XRT Treasury 4.2**

**Sage XRT Treasury** is a 32-bit application which now operates with the same version of **Sage XRT Common Services** as **Sage XRT Advanced**, a 64-bit application.

We recommend that you strictly follow the order:

1. **Sage XRT Bank Format Library 4.5.2**
2. **Sage XRT Common Services 5.0.6**
3. **Sage XRT Treasury 4.2.002**
4. **Sage XRT Advanced 3.0 (6.00.000.01)**