

**sage**

# 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)

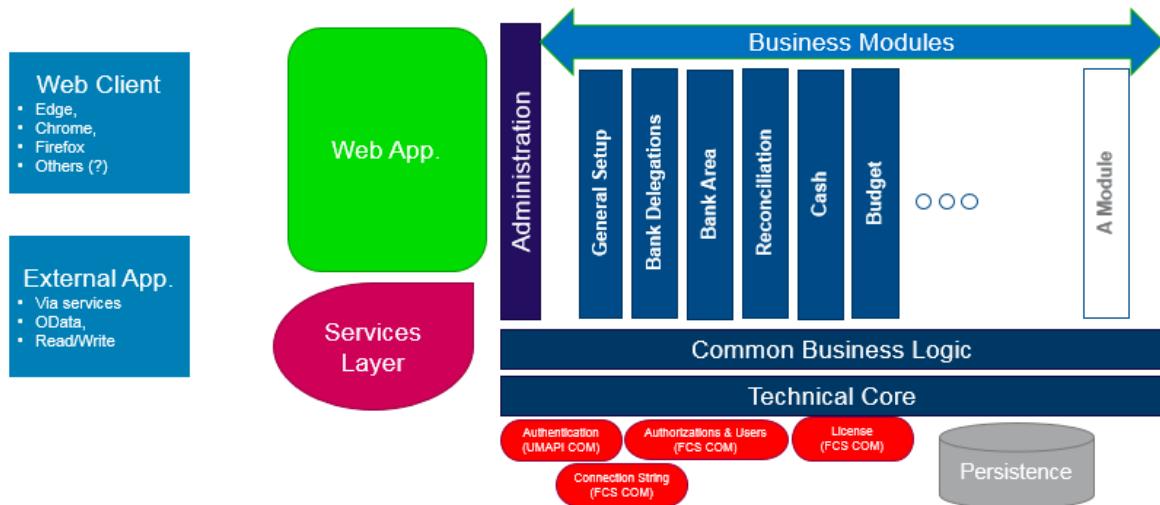
The Installation sequencing for Microsoft IIS can be crucial. If **Microsoft IIS** is installed after **Microsoft .Net**, then the following command must be executed:

```
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
<b>Current Version</b>	V 2.4
<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 v5 or later<sup>1 2</sup></b>	Yes
<b>ESX v5 or later<sup>(1)</sup></b>	Yes
<b>Hyper-V (Windows Server 2012 R2)<sup>1 2</sup></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</b>	Windows 2016, Windows 2019
<b>Compatible Microsoft Databases</b>	SQL 2016, SQL 2017
<b>Internet Browsers (HTML 5)</b>	Microsoft Edge v42.x minimum Google Chrome v69.x (64 bits) minimum Firefox Quantum v62.x (64 bits) minimum
<b>Internet Service Management</b>	Microsoft IIS on Windows Server versions supported from version 10.0
<b>Java Runtime</b>	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

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 or more</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** 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)