



Client Technical Requirements  
Axiom Software  
Version 2019.1



KaufmanHall

AXIOM

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# Introduction

This document details the technical requirements for deployment of the Axiom Software clients. This includes:

- Axiom Excel Client
- Axiom Windows Client
- Axiom Web Client

This document applies to both on-premise and Cloud Service installations. The same client software is used in both environments.

For more information on server requirements for on-premise installations, see the separate document *Axiom Software Server Technical Requirements*. For more information on Cloud Service technical requirements, see the separate document *Axiom Software Cloud Service Technical Guide*.

# Axiom Software Client overview

## Client feature comparison

Comparison	Axiom Excel Client	Axiom Windows Client	Axiom Web Client
Target users	Administrators and power users who need the full functionality of Excel	End users who may not have Microsoft Excel and who perform the budgeting and reporting roles	End users who need to consume reports, dashboards, and input forms via the Web
Software prerequisites	Microsoft Excel 2013 or higher	None, uses an Axiom custom spreadsheet plug-in	Uses a browser
Deployment	Desktop application	Desktop application	Web application
Communication protocol	HTTP/S	HTTP/S	HTTP/S
Installation method	ClickOnce URL	ClickOnce URL	No installation required
Licensing	Included	Included	Included

## Client installation, launch, and update

The Axiom Excel Client and Windows Client take advantage of the [Microsoft ClickOnce](#) technology that is included with the Microsoft .NET Framework and Internet Explorer. The Axiom clients run outside of a browser but they are installed when a user clicks on the ClickOnce URL. Installing and launching the client applications does not require administrative permissions if the .NET Framework prerequisite is installed. Key features of the Axiom platform rely on ClickOnce and the ability to pass URLs; due to this dependency Axiom does not provide or support an MSI installer for the clients.

After the initial launch of an Axiom client from the URL, a desktop shortcut is created for future use. The application files are loaded at run time and will be updated automatically if the Axiom Application Server has been upgraded. Due to the simplicity of the ClickOnce technology, Axiom does not provide a client installer that would be pushed out to client computers.

## Licensing

Customers are required to license all prerequisite software for use with Axiom Software. Contact the appropriate software vendor regarding your specific configuration.

## Supported distribution platforms

Kaufman Hall provides full support for running the Axiom Web Client, Windows Client, and Excel Client on Citrix XenDesktop and other full-desktop VDI systems. Full software compatibility is natively provided in a VDI environment using Microsoft .NET ClickOnce technology for runtime. Due to the specific limitations of Citrix XenApp published applications, publishing the Axiom Software applications alone is not supported. XenApp published applications are not supported due to the inability of XenApp to pass hyperlinks between a local email client and a published application.

## Localization

The Axiom Excel Client and Windows Client will automatically detect a workstation's regional setting and display the following languages: English, French, Swedish, and Dutch. If no supported language is detected, English is used as the default.

## Updates

We recommend applying all current Microsoft security patches for use with Axiom Software. All client machines used for the Axiom Software installation must be fully up-to-date with Microsoft .NET Framework, up to and including version 4.5.1 or higher, as well as any applicable Microsoft Excel patches.

## Word and PowerPoint Integration

Kaufman Hall provides an add-in for Microsoft Word and Microsoft PowerPoint that allows editing Word and PowerPoint documents stored in the Axiom Software database. Supported versions are Word and PowerPoint 2013 and higher.

# Client recommendations and prerequisites

The following are the minimum client workstation requirements for Axiom Software.

## Axiom Excel Client

The following hardware requirements are for administrative users:

CPU	Additional RAM	Disk	OS
Dual core 2.0Ghz or higher	2GB	400MB available disk space	Windows 7, Windows 8, Windows 10 (64-bit versions)
<b>NOTE:</b> More robust hardware is required for environments using very large files, or for users running heavy or frequent processing tasks on the client. Please contact Axiom Software Support for specific recommendations for your environment.			
Software			
Microsoft .NET Framework 4.5.1 or higher, plus any versions required by the client operating system			
Microsoft Excel 2013, 2016, or 365 ProPlus Click-to-Run application for Windows			
- 32-bit or 64-bit where applicable			
- Excel installations must include VBA for Applications			
- Axiom Software does not support coexistence with other 3rd party Excel add-ins			
Microsoft Edge or Internet Explorer 11 (or higher)			
<a href="#">Microsoft Visual Studio Tools for Office (VSTO)</a>			

### NOTES:

- End user workstations can be less powerful machines. The minimum hardware requirements for end users are: Pentium 4 CPU or higher, 1GB additional RAM, 100MB available disk space.
- Microsoft Edge or Internet Explorer are required to install and launch the client using ClickOnce technology. Other browsers may have a ClickOnce add-in that can be used, but these add-ins are not explicitly supported.
- The RAM requirement is additive to the minimum RAM requirements of the machine for its current use.

## Axiom Windows Client

CPU	Additional RAM	Disk	OS
Dual core 2.0Ghz or higher	1GB	100MB available disk space	Windows 7, Windows 8, Windows 10
Software			
Microsoft .NET Framework 4.5.1 or higher, plus any versions required by the client operating system Microsoft Edge or Internet Explorer 11 (or higher)			

### NOTES:

- Microsoft Edge or Internet Explorer are required to install and launch the client using ClickOnce technology. Other browsers may have a ClickOnce add-in that can be used, but these add-ins are not explicitly supported.
- The RAM requirement is additive to the minimum RAM requirements of the machine for its current use.

## Axiom Web Client

Users can access the Web Client using a desktop browser or by using various tablet devices.

### ► Desktop access requirements

Platform	Supported Browsers
PC	<ul style="list-style-type: none"><li>• Microsoft Internet Explorer, version 11 and above</li><li>• Microsoft Edge</li><li>• Google Chrome, the most current and previous major versions</li><li>• Mozilla Firefox, the most current and previous major versions</li></ul>
Mac	Apple Safari, the most current and previous major versions

### ► Mobile access requirements

Platform	Supported Browsers
iPad	Apple Safari for iOS, the most current and previous major versions
Android tablet	Google Chrome for Android, the most current and previous major versions

iPad users have the option of installing the Axiom Software app for iPad, which provides quick and easy access to all of their web-ready reports and plans.

For mobile users, Web Client support is limited to viewing Axiom forms and web reports. Other Web Client features may or may not be fully useable in the mobile environment.

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