Release Notes

Axiom
Version 2023.2

AXIOM

Contents

About the release notes

Syntellis is pleased to announce the release of **Axiom Version 2023.2**. Each release of Axiom provides a variety of new features and enhancements to meet your needs. Many of these features and enhancements are a direct result of your feedback and suggestions.

The purpose of these release notes is to provide you with the following:

- High-level summary of new features and enhancements
- Information to know before upgrading
- Steps for preparing for and scheduling your upgrade
- List of fixed issues

These release notes cover the changes in the version 2023.2 release of the Axiom software platform. If you have licensed and installed products from our vertical product suites, please see the separate release notes for those products for more information.

New features and enhancements

The following new functionality was added to Axiom Platform for 2023.2:

▶ Syntellis Authentication Service

Axiom Cloud-only feature

As part of our ongoing move to modern cloud infrastructure, Syntellis is deploying an authentication service that provides a seamless login experience across the entire Syntellis suite of products. The authentication service is backed by Microsoft Azure's Active Directory and allows you to access all of your Axiom systems and Syntellis resources like Syntellis Central with single sign-on. This authentication will expand to include access to other Syntellis products including Clinical Analytics, Axiom Healthcare market solutions, and Contract Management.

Another benefit of this authentication service is how Support, Consultant, and Developer users access your systems during support cases, troubleshooting, or implementation. These access permissions will always expire and are fully audited to ensure the highest level of account security.

▶ Syntellis Assistant

Axiom Cloud-only feature

Syntellis Assistant connects your Axiom products to the resources available in Syntellis Central. Click the information icon in the Navigation bar to open Syntellis Assistant and access product announcements, training, support, and online help as well as Syntellis Central, Syntellis Academy, and more. Use this search utility to search all help, knowledge articles, and training content from within Axiom.
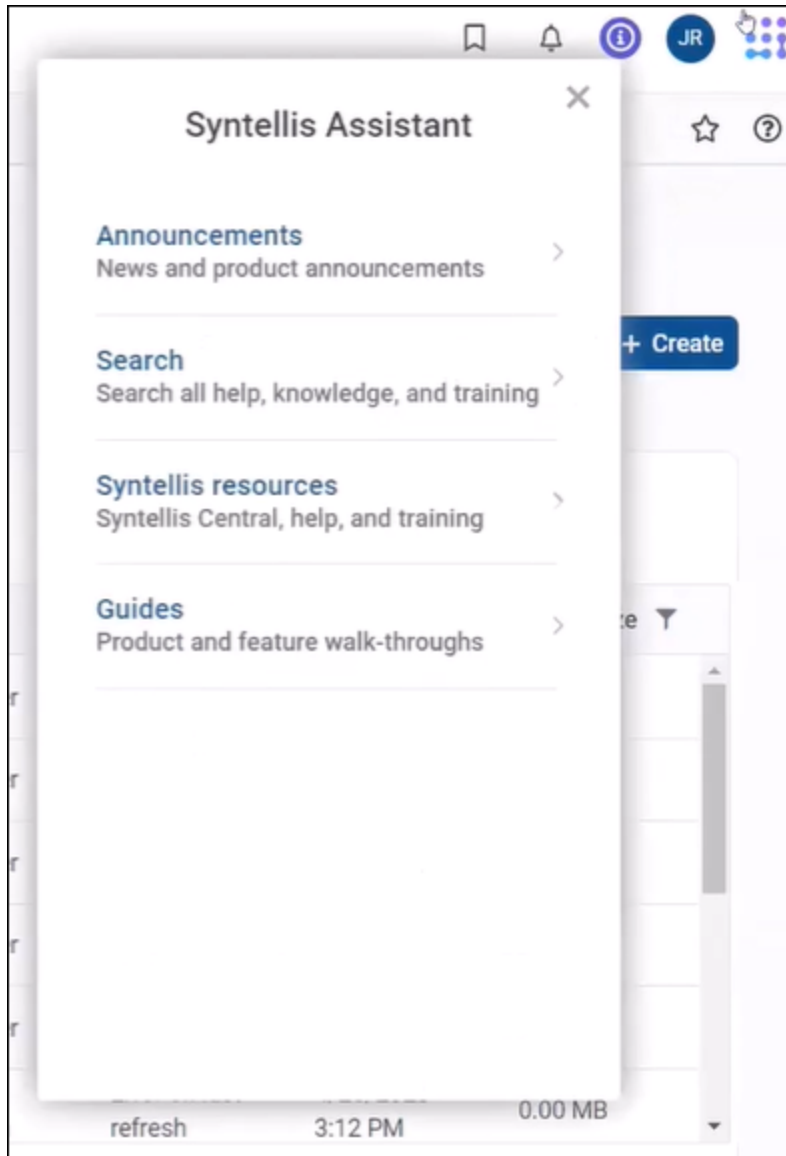
▶ Usability enhancements for web reporting

We made several changes to enhance web reporting usability. These changes include:

- The ability to select all and deselect all items within a multi-select parameter dropdown list

- Notification when a query does not return results

- Increased dropdown width and tooltips indicating the full name of longer items

▶ Enhancements for on-premises customers since 2022.3

In addition to the features and bug fixes listed in these release notes, other benefits to upgrading from 2022.3 to the most recent version, include:

- File group security using Save Type 4 for automated and bulk security changes

- More audit data for Security Manager

- Better performance and experience when filtering values from large tables in the Filter Wizard

- Calculated column support on large tables

- Conditional assignment support in GetProcessInfo

- Admin role to administer imports for all source types

- Intelligence Center usability enhancements for designing and viewing web reports

- Over 100 bug fixes that weren't high enough priority to patch back to previous versions

What to know before upgrading

This section details the upgrade considerations and technical changes that apply when upgrading to version 2023.2. Please make sure to review this section carefully before upgrading.

Upgrade considerations

This release includes features available to all customers in addition to features only available to Axiom Cloud customers. Although Axiom Cloud customers get all new features, on-premises customers cannot receive features denoted as **Axiom Cloud-only**.

For on-premises customers upgrading from a version prior to 2022.3, please also see the release notes for the interim versions for any additional upgrade considerations.

All future platform patches will be built on version 2023.2 or the current latest version. Platform versions 2022.3 and earlier will no longer receive patch updates.

Installation and technical changes

In order to upgrade to version 2023.2, your Axiom database must be at version 2021.3 or higher.

This note primarily applies to on-premise installations. If you have an Axiom Cloud system, Axiom Support will take care of the necessary updates when upgrading your system.

Preparing and scheduling upgrades

Summary of the upgrade process:

1. **Review product release notes** – Review this document to become familiar with the new features and functionality.

2. **Schedule an installation date** – Submit a request to your organization's Axiom System Administrator to contact Support by creating a support ticket to schedule an installation date and time with **at least five business days** of advance notice. The request should include the following information:
   - Axiom platform version.
   - Whether to first refresh and apply updates to the Axiom test sandbox with a copy of the production instance of Axiom. If so, provide the earliest date that Syntellis can do this.
   - Propose an approximate two-hour downtime window when Axiom can apply updates to the production instance of Axiom during regular business hours, Monday through Friday 7 AM to 7 PM Central (except holidays recognized by Syntellis).

3. **Complete manual configuration updates** – After installing the upgrade, review any manual setup steps to enable features for this version.

Getting help and training

Syntellis provides world-class resources at your fingertips directly within Axiom. In Axiom Help you can find comprehensive software documentation—including detailed instructions, examples, and reference information—as well as a troubleshooting knowledge base, documents, videos, and release updates. You can also find links to our Syntellis Academy training site and our Syntellis Central client portal.

Axiom Help is accessible from either the Desktop Client (Excel and Windows) or the Web Client:

- **Desktop Client**: On the **Axiom** ribbon tab, click **Help**.
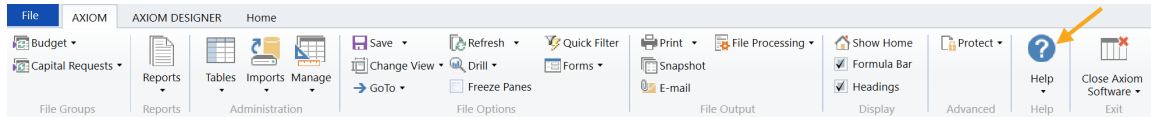
- **Web Client**: Click the question mark icon (**?**) in the top right of the gray task bar.
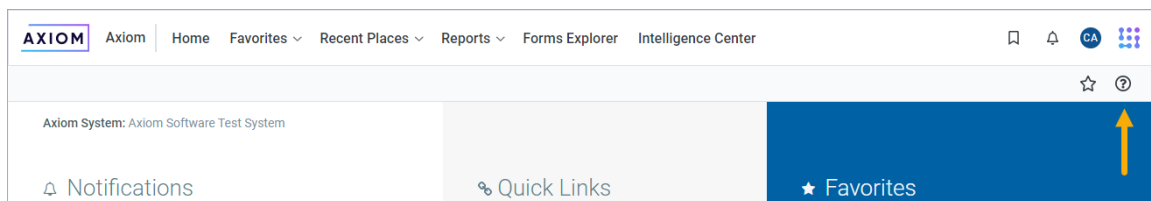
Context-sensitive help is also available throughout the software. In most dialogs, you can click the question mark icon (**?**) in the top right corner to access information about the current feature. Some pages in the Web Client also have context-sensitive help.

▶ Syntellis Central

Syntellis Central provides centralized self-service content and resources for the Axiom platform and suite of products. Using Syntellis Central, you can:

- Search help across all Axiom products.

- Access tips, tricks, and best practices in our knowledge base.

- Find training and certification content including on-demand, video, webinars, labs, and instructor-led courses.

- Submit a Support issue, find suggested content, and manage any outstanding issues directly with Support.

- Review open Software Service project status and details.

Issues fixed in 2023.2

The following issues were fixed in 2023.2:

Item	Description
45790	**Summary**: New values that were added to replicated tables did not appear in the "Choose Values" or "Filter Wizard" areas of Snowflake systems. **Resolution**: Updated the system so that Axiom displays the most current data in these dialogs.
48767	**Summary**: Some assets did not have language translations. **Resolution**: Imported updated Swedish, French, and Dutch language translations.
48827	**Summary**: System.IndexMaintenance.axj job did not support fragmentation thresholds below thirty percent. **Resolution**: Updated dbo.prDefrag so that it can read the minimum fragmentation configuration values if they exist.
50356	**Summary**: A script error occurred when users created a table with a column named "PackageEntityID" and imported data into it. **Resolution**: Restricted tables in the PackageEntityID script to exclude customer tables.
50401, 50894, 48827	**Summary**: After a Microsoft update, panes were no longer frozen in the Excel Client. **Resolution**: Updated Axiom rendering in Excel.
53822	**Summary**: Only users with a System Administrator role could run internal imports. **Resolution**: Created the Administer Imports role so users can be given permission to run internal imports without needing system administration privileges.
44368	**Summary**: Single-select report parameters remained in-focus even when a user opened a subsequent parameter. **Resolution**: Updated behavior to lose focus on a single-select parameter when another one is clicked.
44370	**Summary**: Response time when interacting with values was delayed when the value list was very large. **Resolution**: Enabled item filtering to increase speed.

Item	Description
44371	**Summary**: Clicking outside a parameter did not close the multi-select parameter list. **Resolution**: Updated behavior to close the parameter list when a user clicks outside of it.
35570	**Summary**: Clicking "Select all" resulted in a page unresponsive error for large multi-select parameter lists. **Resolution**: Limited the "Select all" function to 500 items.
61426	**Summary**: Market Insights users could not download reports. **Resolution**: Updated a Snowflake driver.
54990	**Summary**: Web reports containing a parameter with process columns failed to open. **Resolution**: Updated web manager code.
61330	**Summary**: An object reference error occurred when trying to save, process, and email files in the Excel Client. **Resolution**: Updated freeze pane behavior.

Appendix: Version 2023.2 Patches

This section details the fixes and enhancements in patch releases for Axiom version 2023.2. For assistance, contact Support using Syntellis Central.

Axiom patches are cumulative. All fixes and enhancements included in prior patches are included in the current patch.

▶ Current patch: 2023.2.16.12

The following issues were fixed in this patch:

Item	Description
75673	**Summary**: On-premises customers could not install Axiom 2023.2.15.7. **Resolution**: Updated internal configuration.
71305	**Summary**: Axiom displayed a busy cursor when running quick filters on some tables. **Resolution**: Updated cursor logic.

▶ Previous patch: 2023.2.15.7

This patch consisted of internal enhancements to support on-premises installation of Axiom 2023.2. Installation instructions and technical considerations will be updated in the release notes and Axiom online help in late August 2023.

▶ Previous patch: 2023.2.14.6

This following issue was fixed in this patch:

Item	Description
68464	**Summary**: An error occurred when opening schedules in Contract Management 2023.3. **Resolution**: Updated mismatched library versions.

▶ Previous patch: 2023.2.13.9

This patch consisted of performance and logging enhancements.