



Release Notes
Axiom Decision Support
Version 2019.1.2



KaufmanHall

AXIOM



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Summary

Kaufman Hall is pleased to announce the 2019.1 release of Axiom Decision Support. Each product release provides new features, enhancements, and configuration options to meet your needs. Many of these features and enhancements are a direct result of your feedback and suggestions.

Summary of the upgrade process:

1. **Review product release notes** – Review this document to familiarize yourself with the new features and functionality.
2. **Schedule an installation date** – Contact support@kaufmanhall.com or your implementation consultant, and they will confirm an installation period with you.
3. **Back up Axiom database** – Kaufman Hall will confirm that you have a current backup of your Axiom database before applying the upgrade.
4. **Apply upgrade** – Arrange with your IT staff on an agreeable time for scheduled downtime to apply the program and product upgrade. This includes any post-upgrade hot-fix files that need to be copied into the system to address any post-release known issues that have been resolved.
5. **Complete manual updates** – After installing the upgrade, if needed, review any manual setup steps needed to enable features for this version.

Support

As always, we appreciate your support of Kaufman Hall and look forward to continuing to meet your financial management needs. If you have any questions about your upgrade, contact Kaufman Hall Software Support at 1-888-543-6833 or support@kaufmanhall.com.

Training

Kaufman Hall offers multiple training options for our customers. These courses are part of your maintenance agreement and are free of charge. We strongly urge you to take advantage of all training options, including:

- Self-help videos
- Recorded webinars
- Virtual training courses

Product upgrade notes

IMPORTANT: Apply this update ONLY if you have already applied the 2018.3 release and completed all the manual setup steps from the corresponding release notes.

When upgrading to the 2019.1 version of Axiom Decision Support, keep in mind the following:

- This product upgrade contains new tables, columns, updated templates, reports, scripts/imports and remediated defects.
- KHA delivered reports may be replaced. Any report that you saved under a different name or created new will remain untouched. Replaced reports are available in Document History, if needed.
- Any KHA delivered report that you moved to a new location since the last upgrade will automatically move back to its original location.
- KHA product templates and calculation method libraries will be replaced.
- Product task panes will be replaced.
- Process definitions will not be replaced.
- Security roles and sub-systems will be reset to their configured settings. All user security exceptions you may have made will remain intact.
- Specific items configured as part of your company or organization's implementation such as imports, exports, driver files, and process management files, will remain as is. Any required modifications to these areas are covered in the release notes, if required.

New features summary

This section includes a description for each new feature included in this release.

Updated security role profiles

We disabled the Administrator check box for the existing role profiles and added a new role profile - DSS Analyst. This role is a subset of the DSS Admin role. The DSS Analyst role allows users to use Axiom Decision Support as a platform for analytics, ad hoc report writing, dashboard creation, report distribution, scheduling of reports, etc. The DSS Analyst role does not allow users to load and maintain the system from a data perspective.

Episode definitions locked after processing

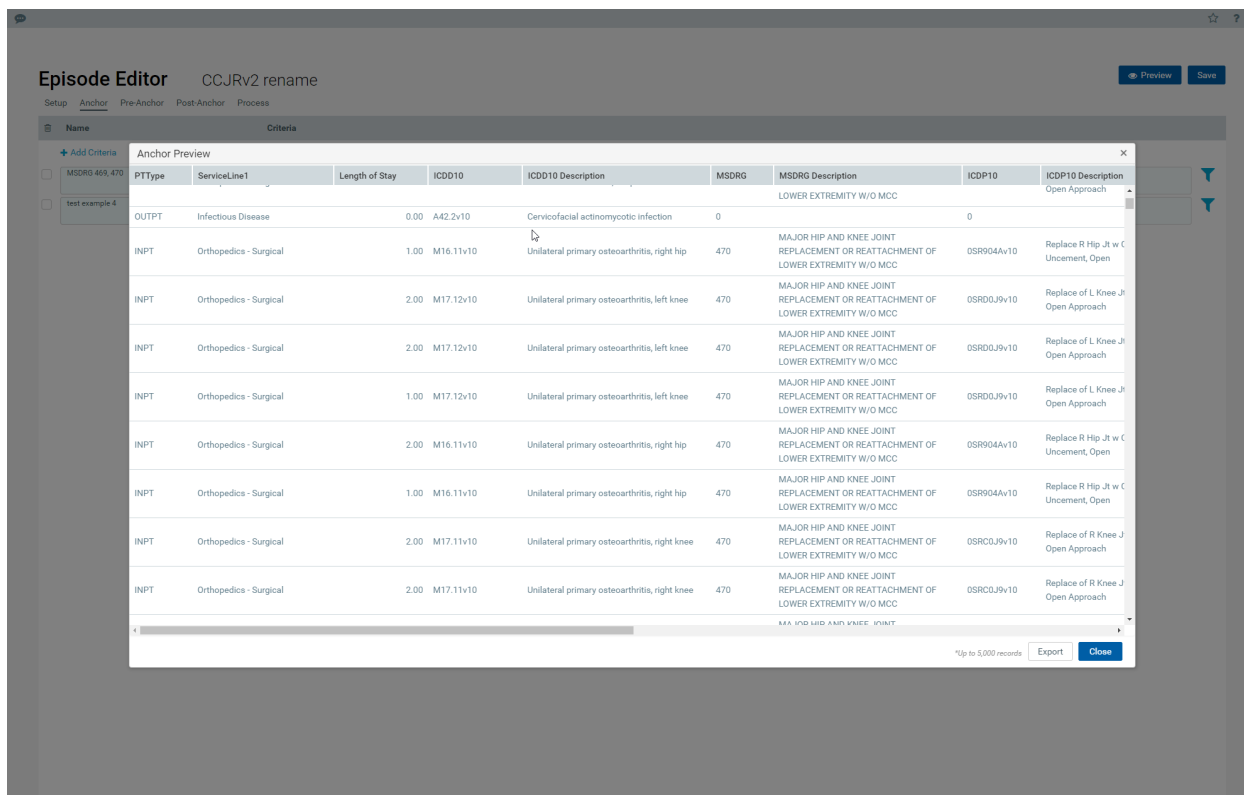
After the system processes an episode definition, users can no longer edit the definition.



For instructions, see "Working with episodes" in online help.

Preview episode definition results before processing

Before processing episode definitions, you can now preview the results of each tab in the Episode Builder so that you can make any necessary changes to the definition. You can also export this data to an Excel spreadsheet.

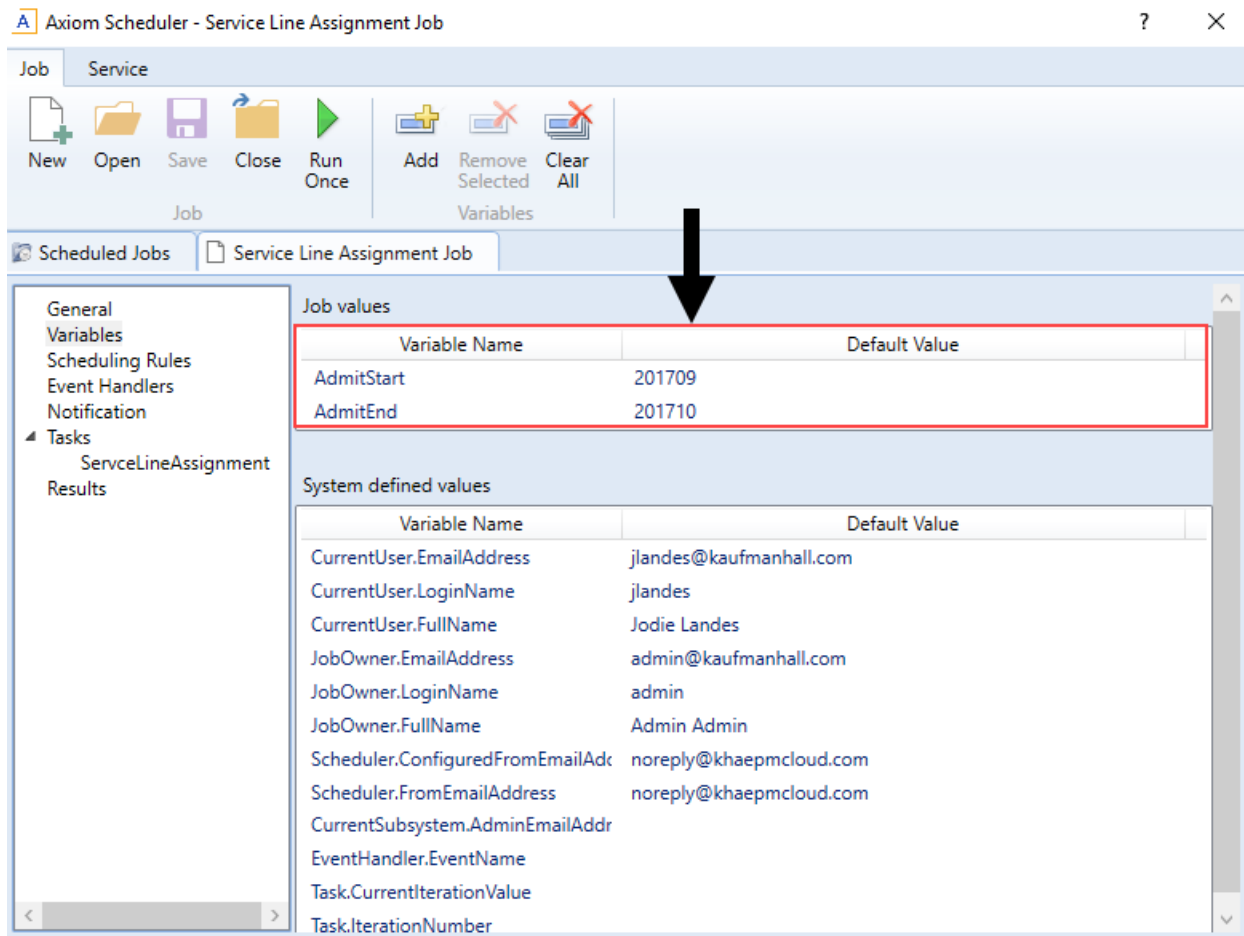


Running the Service Line Assignment Scheduler Job

When you are ready to assign service lines that you defined for your encounters, you will utilize the service line assignment scheduler job.

The Service Line Assignment Scheduler job cycles through all of the Service Line definitions and assigns a service line value to the applicable encounter records. Before running this job, you can enter the admit start and end period.

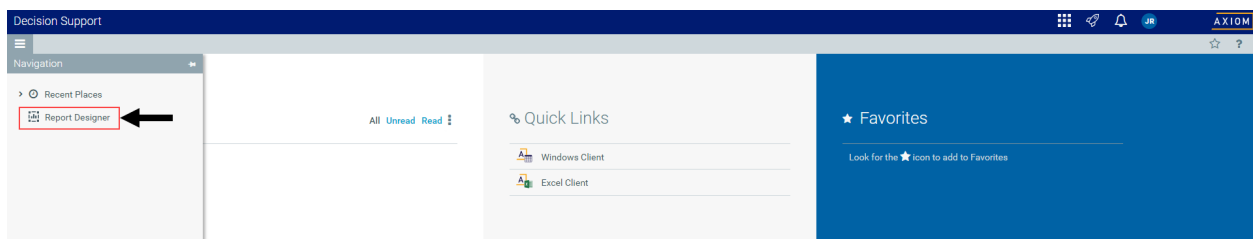
This utility then scans all of the encounters within that period, and assigns the appropriate service line. Run this job after you defined your service lines or modified a service line definition.



For instructions, see "Running the Service Line Assignment Scheduler job" in the online help.

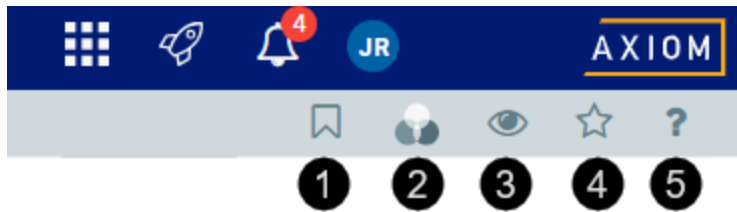
Axiom Intelligence Reporting

This new browser-based reporting tool is available for all Axiom Decision Support cloud customers to author Decision Support reports and dashboards. You can access these reports by clicking **Report Designer** in the **Navigation** panel.



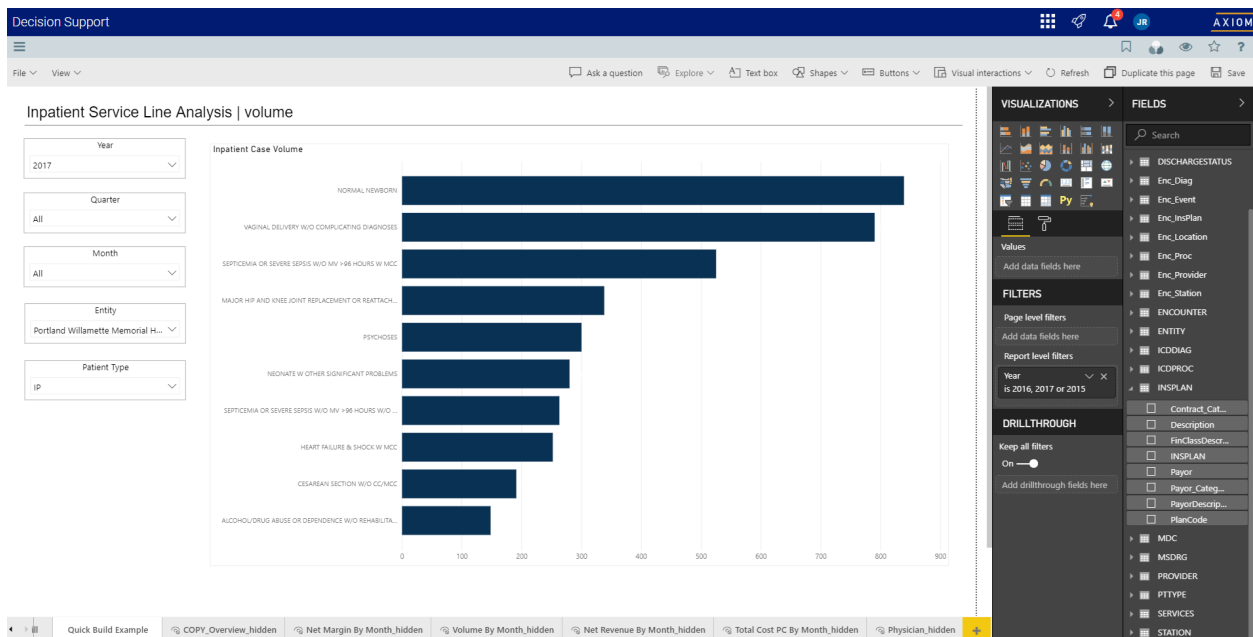
The data model delivered in 2019.1 for Axiom Intelligence Reporting is built around the encounter table and those tables that the encounter table references.

The five icons located on the Global Navigation Bar each represent a key function or feature within Axiom Intelligence Reporting.



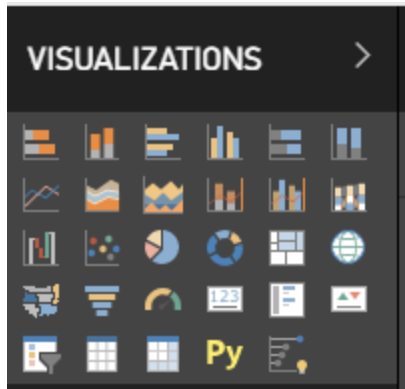
1. Open the bookmark panel in authoring mode.
2. Change the theme of the report.
3. View the report into preview mode. The eye icon changes to the pencil icon to indicate that you are report authoring mode. The icons switch back and forth depending on which mode you are in.
4. Add the report to your favorites.
5. Open help.

The following screen shot is example of an Axiom Intelligence Report with standard features described below.



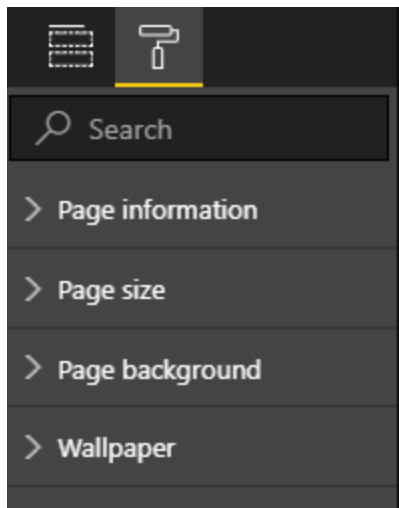
Visualizations

Each of these icons represents a type of visualization that can you can use in a report or dashboard to visually interact with your data. You can drag and drop one of these icons onto your white page to build out your report.



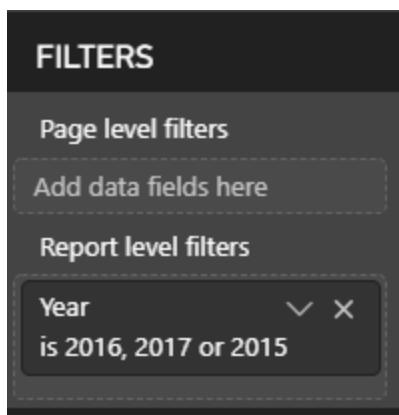
Paint Roller

You can customize any of your visual components by selecting the Paint Roller icon.



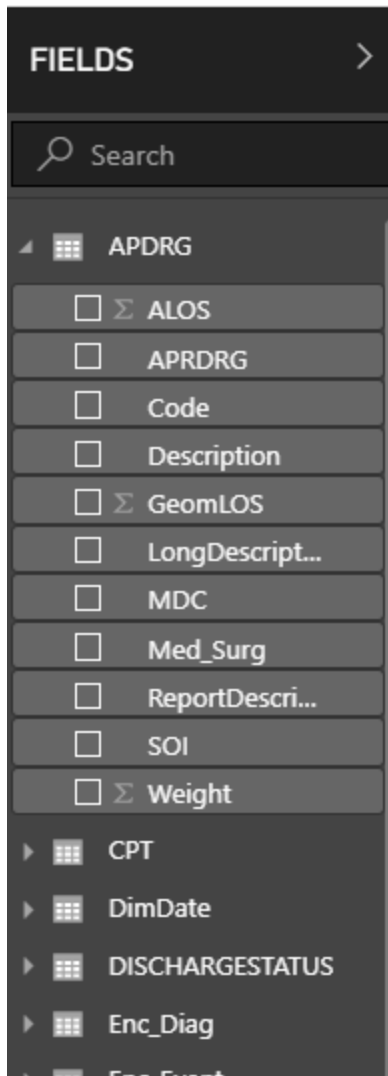
Filters

Using the Filters section, you can apply filters to a specific visual, the page, or the entire report. There are basic and advanced filtering options available.



Fields

The fields columns stores the data included in the model. The data is organized by tables, which you can expand to see the dimensions and measures available to use when creating reports.



Issues resolved in 2019.1

The following table lists the issues resolved in 2019.1, released on April 1, 2019:

Issue	Description
Patient Analysis Reports - Margin Analysis [TFS 25545]	<p>Symptom: While it may function properly under certain circumstances, the Quick Filter does not work under all conditions. This is due to a combination of report design and how the Quick Filter functions.</p> <p>Resolution: The report is not compatible with quick filtering. We have disabled the Quick Filter for this report until a suitable resolution can be achieved.</p>
Increase the length of MSDRG.RptDrgDescription for backward compatibility [TFS 28719]	<p>Symptom: Unable to shorten data length for column MSDRG.RPTDRGdescription from 200 to 110. Data would be truncated.</p> <p>Resolution: Corrected by increasing the string length of msdrg.rptdrgdescription (back) to 200.</p>
Increase length of ENC_DIAG.DiagnosisType for backward compatibility [TFS 28720]	<p>Symptom: Unable to shorten data length for column ENC_DIAG.DiagnosisType from 200 to 50. Data would be truncated.</p> <p>Resolution: Corrected by increasing the string length of ENC_DIAG.DiagnosisType (back) to 200.</p>

Issues resolved in 2019.1.1

No issues were addressed in this release.

Issues resolved in 2019.1.2

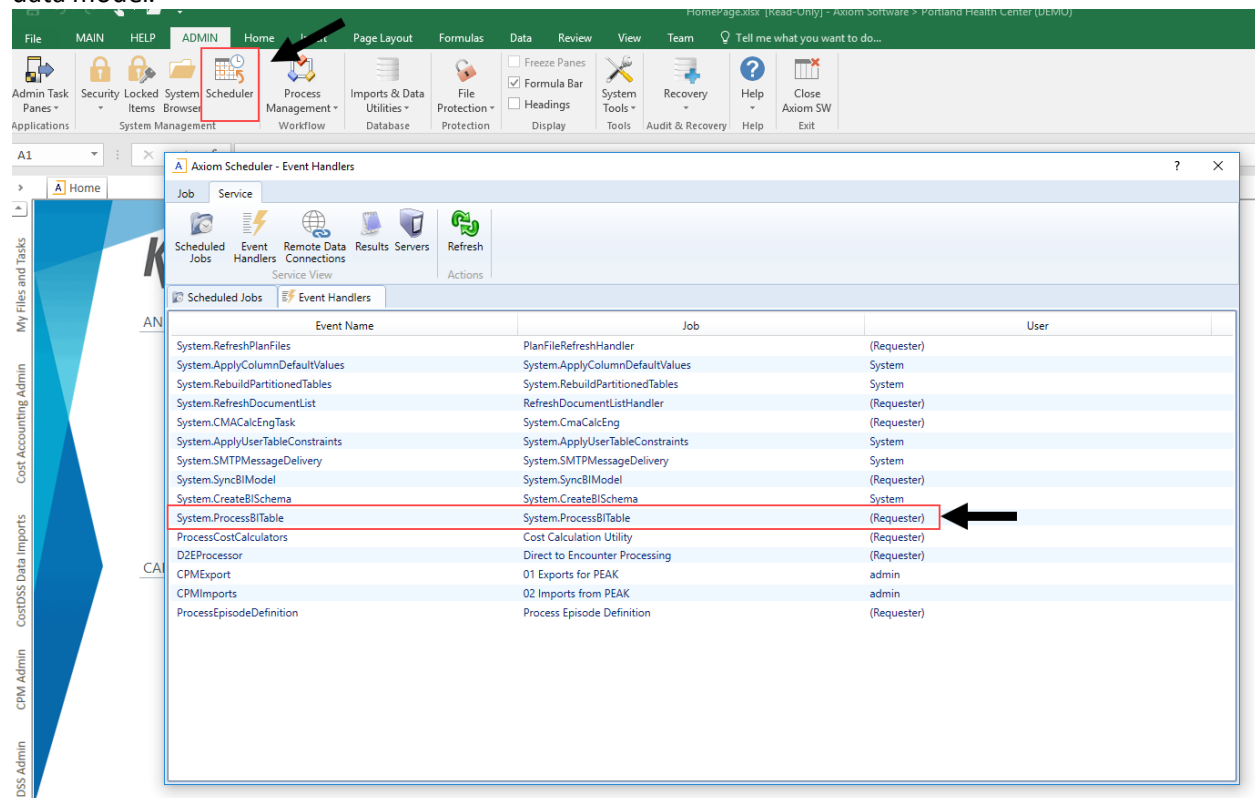
The following table lists the issues resolved in 2019.1.2, released on May 13, 2019:

Issue	Description
PFB-07315 - SPLIT clause of ALTER PARTITION <> failed <> partition not empty [TFS 35405]	<p>Symptom: The Load DeptUtilizationSummary utility creates a new partition for a given YRMO when one does not exist. This is by current design. The problem occurs when it has to split a partition to create the new partition, and the partition that will be split contains data and the DeptUtilizationSummary table contains a columnstore index. This is rare, but it could happen, especially when a user processes data out of YRMO order.</p> <p>Resolution: Corrected by improving transform step 11 so that it can detect and handle when it has to split a partition without any data loss.</p>

Manual setup instructions

IMPORTANT: These instructions are only for those clients with the cloud version of Axiom Decision Support with Axiom Intelligence Reports enabled.

There are a few notable instances when you will need to manually run a job through the event handler in order to ensure that your Axiom Intelligence Reports (embedded BI) data model is up-to-date. When you modify a table in Axiom that is part of the Axiom Intelligence Reporting data model, you will need to run the job named **System.ProcessBITable** if you want those changes represented in the Axiom Intelligence data model.



You will also need to run the job named **System.SyncBIModel** when you want to apply or edit security changes to user roles or subsystem that specifically affect Axiom Intelligence Reporting.

The screenshot shows the Axiom Scheduler - Event Handlers window. The 'Event Handlers' tab is selected, and the 'System.SyncBIModel' job is highlighted in blue. A red box highlights the 'Scheduler' icon in the top-left corner of the application window. A black arrow points from the red box to the 'Scheduler' icon, and another black arrow points from the right to the 'System.SyncBIModel' row in the table.

Event Name	Job	User
System.RefreshPlanFiles	PlanFileRefreshHandler	(Requester)
System.ApplyColumnDefaultValues	System.ApplyColumnDefaultValues	System
System.RebuildPartitionedTables	System.RebuildPartitionedTables	System
System.RefreshDocumentList	RefreshDocumentListHandler	(Requester)
System.CMACalcEngTask	System.CmaCalcEng	(Requester)
System.ApplyUserTableConstraints	System.ApplyUserTableConstraints	System
System.SMTPMessageDelivery	System.SMTPMessageDelivery	System
System.SyncBIModel	System.SyncBIModel	System
System.CreateBISchema	System.CreateBISchema	System
System.ProcessBITable	System.ProcessBITable	System
ProcessCostCalculators	Cost Calculation Utility	(Requester)
D2EProcessor	Direct to Encounter Processing	(Requester)
CPMExport	01 Exports for PEAK	admin
CPMImports	02 Imports from PEAK	admin
ProcessEpisodeDefinition	Process Episode Definition	(Requester)

Known issues

The following table lists known issues regarding this release:

Issue	Description
Inpatient Period Comparison [TFS 31178]	<p>Symptom: The header highlighted in this report should toggle/update between Actual and Estimated Net Revenue, as selected in the refresh variables, but displays as Estimated no matter the choice.</p> <p>Explanation: The data does update correctly. It is simply a header issue.</p>
Encounter/ Patient Viewer Incorrect Heading [TFS 34227]	<p>Symptom: In the Launch Encounter /Patient Viewer, when you create an Encounter list and drill on a specific encounter, the Sub-title for the Cost Information displays "Total Charges" on the main page for the encounter selected.</p> <p>Explanation: The page should display "Total Costs".</p>
Decision Support utility needed to copy Services.ServiceLine1 to Encounter.ServiceLine1 [TFS 34228]	<p>Symptom: The Decision Support utility needs to copy Services.ServiceLine1 to Encounter.ServiceLine1. These assets all look to Encounter.ServiceLine1.</p> <p>Explanation: Until these reporting assets are updated, we need to copy Services.ServiceLine1 to Encounter.ServiceLine1, based on the Primary Service of the encounter.</p>
Decision Support Reporting and Dashboard Assets do not reference Services.ServiceLine1 [TFS 34229]	<p>Symptom: The Decision Support standard reports and IP Dashboard expect the service line information to be stored on the encounter table.</p> <p>Explanation: All assets need to be modified to allow reporting leveraging ServiceLine1.</p>

IMPORTANT: Refer to the **Axiom for Healthcare Suite 2019.1 Release Notes** for additional known issues that have a suite-wide impact.