

Release Notes

Axiom Enterprise Decision
Support
Version 2022.3

The Axiom logo consists of the word "AXIOM" in a bold, white, sans-serif font. The text is enclosed within a rectangular frame that has a purple-to-blue gradient. The top and bottom lines of the frame are slightly thicker than the side lines.

AXIOM

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Version: 2022.3.5

Updated: 7/17/2023

Contents

- About the Release Notes 4
- New features and enhancements in 2022.3 5
 - Managing service line schema groups in bulk 7
 - Adding service line schemas to batch10
 - Selecting a time frame to process service line schemas 11
 - Processing batched service line schemas12
 - Uploading and downloading service line definitions 14
- What to know before upgrading 16
- Preparing and scheduling upgrades 18
- Getting help and training 19
- Issues fixed in 2022.3 21
 - Issues fixed in 2022.3.1 24
 - Issues fixed in 2022.3.2 25
 - Issues fixed in 2022.3.3 26
 - Issues fixed in 2022.3.4 27
 - Issues fixed in 2022.3.5 29
- Technical considerations 30

About the Release Notes

Syntellis is pleased to announce the 2022.3 release of Axiom Enterprise 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.

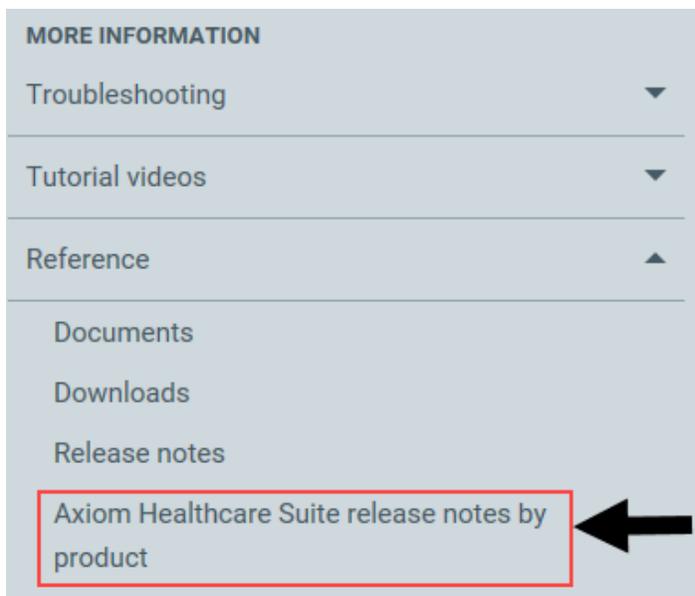
The purpose of these release notes is to provide you with the following:

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

TIP: Periodically, the release notes are updated when new information is available, including patch release fixes. To view the latest release notes, we encourage you to view them in the Axiom Enterprise Decision Support online help. On the help home page, simply click the Release Notes link at the top of the page.

▶ Accessing current and older release notes for Axiom Healthcare products

The online help for Axiom Healthcare products includes a page with links to current and past release notes for the last several years. To access this page, [open the product online help](#), and at the top of the menu on the left side of the page, click **Release notes > All Axiom products**.



New features and enhancements in 2022.3

Enterprise Decision Support includes the following new features and enhancements in this release:

Service line processing enhancements

The following updates and UI enhancements provide tools for improved service line processing.

Select a time frame to process service line schema

- Provides support for start and end date input parameters.
- Enables users to select a date range on process schema confirmation dialog box.

Launch scheduled service line schema processing from the user interface

Analysts can:

- Initiate batched schema processing by scheduled job from the user interface
- Select all new encounters processing
- Set the date range of data processing

Manage service line schema groups in bulk

To upload a file with schema data, an **Upload table** button was added to the **Add New Schema** dialog box. The button is disabled until the schema name is specified.

Download existing group hierarchy service line schema

To download a file with schema data, a **Download table** button was added to the **Add New Schema** dialog box. The button is disabled until the schema name is specified.

To download a template, group information must not be set.

Download service line definitions

- A menu item was added to the **Service Line Definition** page.
- The **Download** dropdown contains two options: **Table** and **Template**.

The file is downloaded after an appropriate file type is selected.

Upload service line definitions

An **Upload table** button was added to the **Service Line Definition** page.

The following tables contain data after a file import:

- ServiceLineAssignment

- ServiceLineSchema[1-8] (depending on schema number)
- ServiceLineGroupAssignment

Process service line schema by Discharge date

An updated dialog box provides service line data processing by discharge date.

Add service line schema to batch

A **Batched** column was added to the service line schemas list next to **Active** column.

Users can now add or remove schemas from the batch.

Notification when mandatory service line schema fields are empty

Error messages were added to the dialog box when mandatory fields are empty to enable the **Save** button.

Service line schema activated when schema processing starts

A dialog box that activates the service line schema for processing appears after selecting the **Process Schema** button.

Configure Schema user interface adjusted when adding values to groups

- A **No group values added yet** error message appears when no group values are available.
- Group value input appears after selecting **Add values** button.
- A validation error message appears when attempting to save an empty group value.

Validation added when adding or editing service line definition data

While adding or editing service line definition data, the system is validated and shows error dialog boxes under the **Name** or **Filter** fields, as appropriate.

Variability enhancements

The following updates and UI enhancements improve the use variability for the costing general ledger (CGL), one-time adjustments, manual adjustments, and processing microcost transactions.

Variability column added to existing cost model Costing General Ledger (CGL) tables

A variability column was added to existing cost model Costing General Ledger (CGL) tables.

Variability column updates to one-time adjustments

Cost Variability percentages (%) appear for all one-time adjustments that were processed. The variability column is updated when data is saved.

View variability information when Transaction Microcost is processed

Variability information appears when Transaction Microcost records are processed.

Publish reporting table enhancements

Added the following cost totals columns to the reporting tables for convenience and consistency.

Tables

- EncounterTotalCostsReporting
- CostDetailCategoryCalculationReporting

Columns

- TotalDirectCost
- TotalIndirectCost
- TotalFixedDirectCost
- TotalVariableDirectCost
- TotalFixedIndirectCost
- TotalVariableIndirectCost

Managing service line schema groups in bulk

▶ Why use this feature

As an Axiom data analyst, you can manage groups in bulk by uploading an Excel file while creating or editing schemas to accelerate that process.

▶ How this feature works

What: Manage service line schema groups in groups to:

- Add groups.
- Add group values to groups.
- Edit groups.
- Edit group values.

Where: This change applies to the **Data enhancement and refinement > Define service lines > Add Service Line Schema > Configure Schema dialog box > Groups tab.**

Who: Axiom data analysts who manage service line processing.

How:

1. On the EDS home page, under **Data enhancement and refinement**, select **Define service lines**. The **Service Line Schemas** page appears.
2. Click **Add Service Line Schema**.

#	Name	Description	Type	No. of Service Lines	Processing Required	Active	Batched
1	test		Axiom	1	No	✓	✓
2	MS-DRG Service Lines	MS-DRG based service/product lines	Axiom	31	No	✓	add to Batch
3	Outpatient Service Lines	2020 CPT ranking system - auto assigned the winning CPT in the Encounter/Custom table	Axiom	1412	Yes	✓	Configure this Schema
4	Outpatient MS-DRG Service Lines	MS-DRG for IP and Outpatient by Patient Type	Axiom	30	No	✓	
5	JED Test Service Line Schema	Test Service Line Schema	Axiom	1	Yes	✓	
6	Simple IP and OP	Simple IP and OP	Axiom	0	Yes	✓	
7	super.test.2		Axiom	2	Yes	✓	

The **Add New Schema** dialog box appears. You must add a schema **Name** and **Type** to activate the **Save** button.

If you are revisiting an existing schema, the **Configure Schema** dialog appears with the **Summary** tab already populated.

Configure Schema

Summary | Groups

Name*
MS-DRG Service Lines

Description
MS-DRG based service/product lines

Type* Client Imported **Axiom**

Active **On**

Schema #
2

Mark as Primary Reporting Schema

Save **Cancel**

3. Click the **Groups** tab.

Configure Schema

Summary **Groups**

Group 1
Group 2
Group 3

Group 1 Name:
TopTierMSDRGGroups

Group 1 Values:

Name	Service Lines
Cardiovascular Services	3
General Medicine Services	3
General Surgery Services	4

+ Add Group + Add Values

[Download table](#) [Upload table](#)

Save Cancel

- To add a schema group from an Excel file, click **Download table** or **Upload table**, and make a selection from the file browser. Each spreadsheet must contain a group value ID and a group value.

The system:

- Validates each spreadsheet as a separate group.
 - Adds a new group when a newly completed spreadsheet is detected.
 - Adds an empty group when a blank group is detected between completed groups.
 - Updates the group value if the group value ID was changed.
 - Updates the group value if the value for certain position in the list was changed (for the group downloaded from the UI with no ID).
 - Adds a new group value when the system detects the group value with no group value ID.
- To add a schema group, select **Add Group**.
 - To add values to the schema group, select **Add Values**. You must add a group value to a group name to activate the **Save** button.
 - If the system detects file validation errors, you can download the file to view and correct them. If the system successfully validates the files, the page displays updated groups and group values.
 - When you've completed schema actions, click **Save**.

► Where to find more information

See the following topics in the online help:

- [Adding service line schemas to batch](#)
- [Processing batched service line schemas](#)
- [Selecting a time frame to process service line schemas](#)
- [Uploading service line definitions](#)

Adding service line schemas to batch

► Why use this feature

As an Axiom data analyst, you can add service line schemas to batch for processing. This functionality provides greater control to select specific schema(s) to process instead of having to process all schemas each time.

► How this feature works

What: Only schemas marked in the **Batched** column process.

Where: This change applies to the **Data enhancement and refinement > Define service lines > Service Line Schemas** page.

Who: Axiom data analysts who manage service line processing.

How:

1. On the EDS home page, under **Data enhancement and refinement**, select **Define service lines**. The **Service Line Schemas** page appears.
2. In the **Batched** column, select **Add to Batch** for each active service line schema you want to add to the batch. Active service line schemas are identified with green check marks in the **Active** column.

#	Name	Description	Type	No. of Service...	Processing Re...	Active	Batched
1	Professional Billing	Professional Billing	Axiom	1	No	✓	✓
2	MS-DRG Service Lines	MS-DRG based service/product lines	Axiom	31	No	✓	
3	Outpatient Service Lines	2020 CPT ranking system - auto assigned the winning CPT in the Encounter/Custom table	Axiom	1412	Yes	✓	
4	★ Rebill - MS-DRG Service Lines	MS-DRG for IP and Outpatient by Patient Type	Axiom	30	No	✓	
6	Patients with and without ED Charges	Patients with and without ED Charges	Axiom	4	No	✓	
7	DSS Financial Class Code	Rollup of Insurance plan codes into DSS Financial Classes	Axiom	14	No	✓	
8	Prestons Test Schema		Axiom	0	Yes	✓	

An additional green check mark and system notification indicate that the service line schema is added to the batch. You can remove the service line schema from the batch by clearing the green check mark.

► Where to find more information

See the following topics in the online help:

- [Managing service line schema groups in bulk](#)
- [Processing batched service line schemas](#)
- [Selecting a time frame to process service line schemas](#)
- [Uploading service line definitions](#)

Selecting a time frame to process service line schemas

► Why use this feature

As an Axiom data analyst, you have greater control over which encounters are selected for processing. You can select the following:

- All new encounters
- Data range by Discharge date

► How this feature works

What: Process batched schemas by selecting either all new encounters or a date range.

The system identifies schemas that were modified and newly created schemas for processing.

If you select **all new encounters**, the system only processes those encounters that have been added or updated since the last time the schema was processed. The system is able to do this by referencing a table named, "EncounterDirty." See the note regarding this table's population in the "[What to Know Before Upgrading.](#)"

If you select **date range by Discharge date**, date range input selectors appear, and the system only processes encounters that have discharge dates within the range that you have defined.

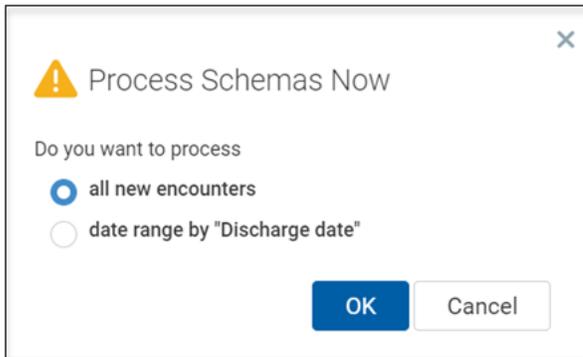
Where: This change applies to the **Data enhancement and refinement > Define service lines > Service Line Schemas** page.

Who: Axiom data analysts who manage service line processing.

How:

1. On the EDS home page, under **Data enhancement and refinement**, select **Define service lines**. The **Service Line Schemas** page appears.
2. Select a schema, and on the far right of the row, click the pencil and paper icon (Open the Schema to view the Service Lines). The **Service Line Definition** page appears.

3. Click **Process Schema**. The **Process Schema Now** dialog box appears.



4. Select either:
 - **all new encounters** - Selecting this option processes encounters that are new or that have changed since the last time the schema was processed.
 - **date range by "Discharge date"** - Selecting this option generates a From (month and year) and To (month and year) drop-down to identify a time frame. If you select a start date later than an end date, an error appears. The end date automatically shifts to the start date (same month and year). Encounters are processed by Admit date associated with the defined date range.
5. Click **OK**. A scheduled job dialog appears and a new tab opens that lets you monitor the job's process.

▶ Where to find more information

See the following topics in the online help:

- [Adding service line schemas to batch](#)
- [Processing batched service line schemas](#)
- [Selecting a time frame to process service line schemas](#)
- [Uploading service line definitions](#)

Processing batched service line schemas

▶ Why use this feature

As an Axiom data analyst, you can initiate the batched service line schemas to assign the service lines to encounters.

► How this feature works

What: Process batched service line schemas by initiating a scheduled job for all new or updated encounters or a date range. The system processes data against the batched service line schemas.

Where: This change applies to the **Data enhancement and refinement** > Define service lines > Service Line Schemas page.

Who: Axiom data analysts who manage service line processing.

How:

1. On the EDS home page, under **Data enhancement and refinement**, select **Define service lines**. The **Service Line Schemas** page appears.

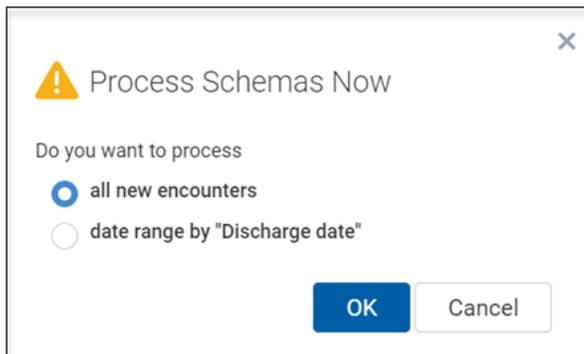
2. Verify that at least one service line schema is marked as Batch.

In the Batched column, select **Add to Batch**. For more information, see [Adding service line schemas to batch](#).

3. Click **Process Batched Service Line Schemas**.

#	Name	Description	Type	No. of Service...	Processing Re...	Active	Batched
1	Professional Billing	Professional Billing	Axiom	1	No	✓	✓
2	MS-DRG Service Lines	MS-DRG based service/product lines	Axiom	31	No	✓	
3	Outpatient Service Lines	2020 CPT ranking system - auto assigned the winning CPT in the EncounterCustom table	Axiom	1412	Yes	✓	
4	Rebuild - MS-DRG Service Lines	MS-DRG for IP and Outpatient by Patient Type	Axiom	30	No	✓	
6	Patients with and without ED Charges	Patients with and without ED Charges	Axiom	4	No	✓	
7	DSS Financial Class Code	Rollup of Insurance plan codes into DSS Financial Classes	Axiom	14	No	✓	
8	Prestons Test Schema		Axiom	0	Yes	✓	

The **Process Schema Now** dialog box appears.



4. Select either:

- **all new encounters** - Selecting this option processes encounters that are new or that have changed since the last time the schema was processed.
- **date range by "Discharge date"** - Selecting this option generates a From (month and year) and To (month and year) drop-down to identify a time frame. If you select a start date later than an end date, an error appears. The end date automatically shifts to the start date

(same month and year). Encounters are processed by Admit date associated with the defined date range.

5. Click **OK**. A scheduled job dialog appears and a new tab opens that lets you monitor the job's process.

► Where to find more information

See the following topics in the online help:

- [Adding service line schemas to batch](#)
- [Managing service line schema groups in bulk](#)
- [Selecting a time frame to process service line schemas](#)
- [Uploading service line definitions](#)

Uploading and downloading service line definitions

► Why use this feature

As an Axiom data analyst, you can upload and download service line definitions to add or edit definitions of service line schemas rather than having to create and edit them individually within the user interface.

► How this feature works

What: Upload and download service line definitions to add or edit definitions of service line schema.

Where: This change applies to the **Data enhancement and refinement > Define service lines > Add Service Line Schema > Service Line Definition > Add Service Line Definition** tab.

Who: Axiom data analysts who manage service line processing.

How:

1. On the EDS home page, under **Data enhancement and refinement**, click **Define service lines**. The **Service Line Schemas** page appears.
2. Select a schema, and on the far right of the row, select the pencil and paper icon (Open the Schema to view the Service Lines). The **Service Line Definition** page appears.
3. Select **Upload table** and make a selection from the file browser.

If no errors are detected, the system adds new service line definitions or edits existing service line definitions. If validation errors occur, you can download the error file to view and correct them.

4. Select **Download** to download either a table or template for service line definitions. The table contains existing service line definitions. The template is a blank file with column headings.

Service Line Schemas > Outpatient Service Lines

Service Line Definition Add Service Line Definition Process Schema Show only active Upload table Download

Priority	Name	Description	Active
28	2-D MAMMOGRAPHY DIAGNOSTIC	2-D Mammography Diagnostic - OP	✓
29	2-D MAMMOGRAPHY SCREENING	2-D Mammography Screening - OP	✓
30	3-D MAMMOGRAPHY DIAGNOSTIC	3-D Mammography Diagnostic - OP	✓
31	3-D MAMMOGRAPHY SCREENING	3-D Mammography Screening - OP	✓
32	ABDOMINAL ULTRASOUND	Abdominal Ultrasound - OP	✓
33	ABDOMINAL X-RAY	Abdominal X-Ray - OP	✓
34	ABDOMINAL/PELVIC CT	Abdominal/Pelvic CT - OP	✓
35	ABDOMINAL/PELVIC CT ANGIOGRAPHY	Abdominal/Pelvic CT Angiography - OP	✓
36	ABDOMINAL/PELVIC MR ANGIOGRAPHY	Abdominal/Pelvic MR Angiography - OP	✓

Table Template

► Where to find more information

See the following topics in the online help:

- [Adding service line schemas to batch](#)
- [Processing batched service line schemas](#)
- [Selecting a time frame to process service line schemas](#)
- [Defining and assigning service lines](#)

What to know before upgrading

IMPORTANT: You must apply the Axiom 2022.3 upgrade before applying any 2022.3 Axiom product upgrades. Axiom upgrades are backwards compatible so you can upgrade different products at different times, but you must upgrade to the Axiom 2022.3 before the first product upgrade. See the **Axiom 2022.3 Release Notes** and **Axiom Healthcare Suite 2022.3 Release Notes** for considerations before upgrading.

IMPORTANT: The 2022.3 version of Axiom Enterprise Decision Support introduces a new table, EncounterDirty, that contains a record for each encounter including the date it was last updated. To complete populating this table for its one-time setup, you must process service lines for all discharge dates in the system. This action populates the table with every encounter currently in the system. Axiom's standard imports for encounters contain a transform to keep this table updated as new data is introduced into the system. If your organization is not using standard imports, to leverage this table, you must copy that transform out of the standard import and paste it into the custom imports.

When upgrading to the 2022.3 version of Axiom Enterprise Decision Support, keep in mind the following:

- Along with upgrading to Axiom 2022.3, you will also need to upgrade to Axiom Comparative Analytics 2022.3.
- This product upgrade contains updated templates, calculation methods, updated drivers, and remediated defects.
- You can replace Syntellis reports. Any report that you created or saved under a different name remains unchanged. Revised reports are available in Document History.
- Any Syntellis report that was moved to a new location is automatically moved back to its original location.
- Syntellis product templates and calculation method libraries are replaced.
- Product task panes are replaced.
- Process definitions are not replaced. Process Manager will not currently work with the new system tables and web-based pages and utilities. Consequently, please plan on reviewing and potentially revising any Cost Accounting Process Definitions depending on the scope and what tasks have been created and are in use.
- Driver files are replaced.
- Security roles and subsystems are reset to their configured settings. Your user security exceptions remain intact.

- Specific items that are configured as part of your company or organization's implementation such as imports, exports, driver files, and process management files, remain unchanged. Any required modifications to these areas are covered in the release notes. For example, Process Manager-defined processes for Cost Accounting must be modified by Client Success and has limitations with accessing web-based tasks.
- Shared tables might have their columns reordered or have new columns added to them.

Preparing and scheduling upgrades

Summary of the upgrade process:

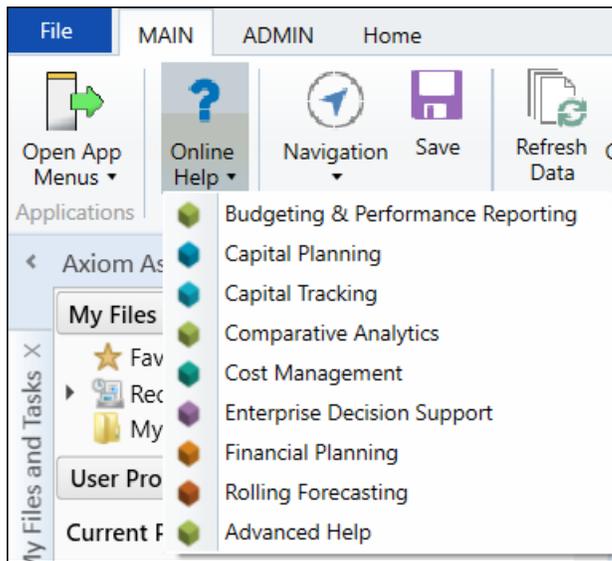
1. **Review product release notes** – Review this document to familiarize yourself with the new features and functionality.
2. **Schedule an installation date** – Submit a request to your organization's Axiom System Administrator to contact support by creating a [support ticket](#) to schedule an installation date and time with at least five days of advance notice. The request should include the following information:
 - Desired Axiom platform version.
 - Desired Axiom for Healthcare product and version.
 - Indicate whether to first refresh the Axiom test sandbox with a copy of the production instance of Axiom and apply update(s) to it. If so, provide the soonest that Syntellis can do this.
 - Propose an approximate two-hour downtime window when Syntellis can apply update(s) 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 needed to enable features for this version.

Getting help and training

Syntellis provides world-class resources at your fingertips directly within the Axiom system. Axiom Help provides topics, knowledge base articles, documents, webinar/training announcements, and videos to guide you through managing your system. To access these resources, do any of the following:

- **Windows and Excel Clients** – From the Main or Admin ribbon tab, click **Online Help**, and then select the product. Axiom Help opens in a new browser window.

NOTE: The online help will only open for products you are licensed to use.



- **Context help** – Form/web-enabled features and products include contextual help directly within the user interface. This information provides a quick summary and/or instructions specifically related to the screen you are using. You can access this information by clicking the question mark in the upper right corner of the screen. To access the full Axiom Help system, click **Open Help** at the top of the contextual help dialog.



▶ Syntellis Central

[Syntellis Central](#) provides centralized self-service content and resources for the Axiom Enterprise Decision Support 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 a 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 us
- Review open Software Service project status and details

Issues fixed in 2022.3

The following table lists resolutions for issues addressed in 2022.3, released on November 7, 2022:

Issue	Description
Charge tier markup UI to display filter option [112413]	<p>Summary: Needed to apply a Cost Details filter in Charge Tier markups.</p> <p>Resolution: Removed the department dropdown selection and enabled adding or editing a Charge Tier markup and adding a Cost Details filter.</p>
Service line processing has limited options [125621]	<p>Summary: Needed ability to launch scheduled service line schema processing from the user interface.</p> <p>Resolution: Implemented the following changes enabling analyst to:</p> <ul style="list-style-type: none">• Initiate batched schema processing by scheduled job from the user interface.• Select all new encounters processing.• Set the date range of data processing.
Charge tier markup processing to apply filter [127850]	<p>Summary: Additional filtering was needed to use the Charge Tier markup. A filter was required for a Charge Tier markup to be validated and saved.</p> <p>Resolution: Updated code in Charge Tier markup to use a Cost Detail filter in the Markup Group definition instead of a Department filter. This update applied the Charge Tier markup costing only to those Cost Detail records that met the filter criteria.</p>
Cost mapping - Departments - Edit existing entries to prevent Circular mapping [136063]	<p>Summary: When designating cost mapping for departments, the UI was allowing users to define circular mapping. During processing, the scheduler was incorrectly assigning offset values to departments instead of catching the circular mapping and stopping.</p> <p>Resolution: New UI provides:</p> <ul style="list-style-type: none">• A warning if at least one mapping error in the EDSdept table. A button on the error dialog box enabling user to filter the table and display only departments with mapping errors.• A new informational warning icon with information tooltip for CostMap column that checks if there are any mapping errors in a current department version.

Issue	Description
Change field length for Modifier columns on impacted tables [136673]	<ul style="list-style-type: none"> An updated dropdown view and behavior of CostMap column edit mode. Default department value appears at the top of list and in the separate 'Default department' group. In cases where other departments are available for selection, they appear in a separate group with search capability. <p>Summary: More than five digits are needed to store the CPT/HCPCS Modifier codes (1-5) in various locations within EDS.</p> <p>Resolution: Upgraded string length from 5 to 10.</p>
Change field length for Patient Type columns in Staging table [140212]	<p>Summary: Two fields needed to be upgraded to a string length of 20:</p> <ul style="list-style-type: none"> Encounterstaging.pttype Encounterstaging.PreviousPatientType <p>Resolution: Upgraded string length from 5 to 20.</p>
Standard data Reconciliation reports added [140507]	<p>Summary: Standard data reconciliation reports needed for Costing Accounting (CA) and Decision Support Services (DSS) admins to access.</p> <p>Resolution: Data Reconciliation reports were created free of client data with folder security set to read-only.</p>
Manual statistics and One-time adjustment are being deleted when CGL is loaded [143912]	<p>Summary: Manual statistics and One-time adjustments were deleted when the Costing General Ledger (CGL) was loaded. This issue occurred even when the transformation rule was created to ignore Manual statistics and One-time adjustments.</p> <p>Resolution: Manual statistics and One-time adjustments are no longer deleted when CGL is loaded for a cost model.</p>
Additional error messages needed for service line schema groups [145365]	<p>Summary: While managing service line schema groups, validation errors were missing to recreate and store valid data for incorrect entries.</p> <p>Resolution: Updated group name validation and added group value validation.</p> <p>A predefined name exists for a new group and cannot be saved, if empty.</p> <p>If error messages appear for the current group, the Save button is not available. If errors exist for other groups, an error dialog box appears.</p>
Variability update - Updated RCC and RVU costvarpct calculation to apply the proper variability	<p>Summary: Ratio of Cost to Charges (RCC) and Relative Value Unit (RVU) cost variability percentage (CostVar%) calculation needed to be updated to correctly process the new costing general ledger</p>

Issue	Description
for processing [147604][147605]	<p data-bbox="618 247 1105 279">(CGL) Variability percentage (%) column.</p> <p data-bbox="618 296 1369 401">Resolution: Updated RCC and RVU CostVar PCT calculation to correctly post variability to the CGL table in the new Variability percentage (%) column.</p> <p data-bbox="618 426 1341 531">The system returns a weighted variability per an account in a department; for multiple accounts, the system provides the weighted average of the variability.</p> <p data-bbox="618 556 1390 619">This variability functionality also applies to all methods, including manual statistics and one-time adjustments.</p> <p data-bbox="618 644 1401 749">This upgrade helps you better determine the variability applied to accounts, cost categories, departments, and includes variability exceptions.</p> <p data-bbox="618 774 1417 921">NOTE: To correct variability for any cost model created in a previous version of EDS, you must process all the steps for that model in 2022.3. This is necessary to populate the CGL's Variability Percentage column.</p> <p data-bbox="618 947 1382 1052">If cost models created in previous versions are complete and acceptable as-is, it is not necessary to reprocess those models in 2022.3.</p>
Expected Definition needs to be validated for both time frame and entity [157232]	<p data-bbox="618 1073 1406 1178">Summary: When an Expected Definition was created, clients were unable to select a specific payer code for an entity and a time frame.</p> <p data-bbox="618 1192 1406 1293">Resolution: Payer code is available if it has not been used for the entity and any portion of the time frame. Entities may share payer codes.</p>

Issues fixed in 2022.3.1

No client-facing issues were addressed in 2022.3.1, released on December 5, 2022.

Issues fixed in 2022.3.2

The following table lists resolutions for issues addressed in 2022.3.2, released on January 17, 2023.

Issue	Description
Cost Variance between CDCC and Cost Results [160893]	<p>Summary: Total costs for ratio-of-cost-to-charges (RCC) and (relative value unit) RVU should tie when comparing Cost Detail Category Calculation (CDCC) and Cost Results.</p> <p>Resolution: By excluding inappropriate transactions, total costs for RCC and RVU balance out when comparing CDCC and Cost Results. This outcome can be checked using the Multiple Table Comparison report.</p>
Volumes and amounts are not tying between Cost Item Usage (CIU) and Cost Detail (CD) as expected (Variance is showing) [161712]	<p>Summary: The volumes and amounts are not synchronizing between Cost Item Usage (CIU) and Cost Detail (CD) as expected. A variance is appearing.</p> <p>Resolution: Changes include the last day of the cost model costing period as part of the costing calculations. Previously, the last day was not being included.</p>

Issues fixed in 2022.3.3

No client-facing issues were addressed in 2022.3.3, released on February 7, 2023.

Issues fixed in 2022.3.4

The following table lists resolutions for issues addressed in 2022.3.4, released on March 31, 2023.

Issue	Description
Publish Reporting tables Scheduler errors for some clients when publishing reporting tables [167710] [167007] [166635]	Summary: The inclusion of newly imported and uncosted data prevented clients from successfully completing the Publish Reporting Tables job. Resolution: Added logic to include this data in the tables for reporting.
Reverse Markup Reverse Markup method is not calculating results on transactions with negative value [166958] Reverse Markup method producing results outside the cost processing timeframe [167309]	Summary: Because markup schedule tiers were defined as strictly positive numbers, transactions with negative values did not calculate results. Resolution: Revised the calculation logic to include negative values based on their absolute value when performing the calculation. Summary: The reverse markup method used the cost model end date instead of the cost period end date when transactions for calculation were selected. Resolution: Updated the reverse markup method to use the intended processing end date instead of the model end date.
Data imports Standard Staging to Production imports occasionally experiencing excessive processing times on the delete transform	Summary: Clients experienced inconsistent performance times when running standard staging to production imports, specifically in the delete transform. Resolution: Updated the SQL in the transform to improve performance efficiency for the following standard imports: <ul style="list-style-type: none">• Encounter CPT from Staging• Encounter Diagnosis from Staging• Encounter Payer from Staging• Encounter Procedure from Staging• Encounter Provider from Staging
PM EDS hierarchical file parser truncating PMPrep staging tables between files [166475]	Summary: For clients who processed data using the Multiple Files option, the parser utility truncated the staging tables between files. Resolution: The parser utility was updated to only

Issue

PM EDS hierarchical file parser causing client system performance issues for other users when processing [165681]

Other

Navigation between cost models not consistent in web UI [167013]

Transaction Detail Category Calculation virtual table displaying incorrect costcat names in reporting for some clients [168295]

Description

truncate once per job rather than once per file.

Summary: Clients experienced general performance issues when they ran the parser utility.

Resolution: Changed the parser utility to update the status of the scheduler task at task completion rather than during processing.

Summary: Clients were unable to effectively change cost models in the web UI when any model was missing a valid begin date.

Resolution: Modified the UI to function correctly for navigation, even when a date configuration might be incomplete.

Summary: The Transaction Detail Category Calculation (TDCC) virtual table was incorrectly configured to link the CostcatID column to the CostCat table.

Resolution: Updated the linking in this virtual table to use the CostcatVersionConfig table.

Issues fixed in 2022.3.5

The following table lists resolutions for issues addressed in 2022.3.5, released on July 17, 2023.

Issue	Description
Payroll Statistics Job Failure [163107]	Summary: The payroll statistics job failed when adding statistic accounts. Resolution: Changes were implemented in Populate ACT_PAY_12 to CGL import ETL to include AcctVersionID when inserting records into the EDSacct.

Technical considerations

No technical considerations or instructions needed for this release.