Release Notes
Axiom Contract Management
Version 2019.3.5

KaufmanHall
AXIOM

KaufmanHall

5202 Old Orchard Rd. Suite N700
Skokie, IL 60077
(847) 441-8780
(847) 965-3511 (fax)
www.kaufmanhall.com

Support email: support@kaufmanhall.com

Kaufman Hall® is a trademark of Kaufman, Hall & Associates, LLC. Microsoft®, Excel®, and Windows® are trademarks of Microsoft Corporation in the United States and/or other countries. All other trademarks are the property of their respective owners.

This document is Kaufman, Hall & Associates, LLC Confidential Information. This document may not be distributed, copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine-readable format without the express written consent of Kaufman, Hall & Associates, LLC.

Copyright © 2019 Kaufman, Hall & Associates, LLC. All rights reserved.

Version: 2019.3.5

Updated: 10/31/2019

Contents

Summary

Kaufman Hall is pleased to announce the 2019.3.5 release of Axiom Contract Management. 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. **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 Client Success at 1-888-543-6833 or support@kaufmanhall.com.

Training

Kaufman Hall offers multiple training options for our clients. 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

For a complete listing of our courses, please visit www.kaufmanhall.com.

Product upgrade notes

> **IMPORTANT: You must apply the Axiom Software 2019.3.5 upgrade before applying any 2019.3.5 Axiom product upgrades.** Axiom Software upgrades are backwards compatible so you can upgrade different products at different times, but you must upgrade to the Axiom Software 2019.3.5 before the first product upgrade. Refer to the **Axiom Software 2019.3.5 Release Notes** and **Axiom Healthcare Suite 2019.3 Release Notes** for considerations before upgrading.

When upgrading to the 2019.3.5 version of Axiom Contract Management, keep in mind the following:

- This product upgrade contains updated templates, calculation methods, 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 was moved to a new location 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.
- Driver files will 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 of the new features in this release.

Map provider names to Org codes

Contract Management administrators can now manage provider name mappings to organizational codes in their systems using the new Provider Org Code Mapping tool.

When a claim enters the system, the provider name on it is checked against the existing list of names. If the name is different in any way from the names already in the list (for example, spelling or word order), it is added to the list. Administrators can then map the new provider names or the name variances to the correct Org codes.

By default, new provider names come in with the default code. You can select the desired name from the Org Code drop-down or, if needed, you can create a new Org code.

To map a provider name to an Org code:

1. In the main menu header, from the **Admin** menu, select **Provider Org Code Mapping**.

2. Locate the provider name in the list on the left. Names are listed in alphabetical order.

3. In the **Org Code** column, from the Org code drop-down for the corresponding provider name,

select the desired Org code. The change is saved automatically. If the needed Org code does not exist, you can add it using the following instructions.

4. To propagate the provider name and Org code association to existing claims, recalculate the claims. See "Recalculate a claim" in the online help.

To add a new Org code:

1. In the main menu header, from the **Admin** menu, select **Provider Org Code Mapping**.

2. In the **Add New Org Code** section, in the **Org Code** field, type the number to associate with the Org code.

3. In the **Description** field, type the Org code description.

4. Click **Save**.

Compare G & P line-level APC calculation detail results

Users running drill-down reports on claims and line items can now include line-level calculation detail results created from grouping and pricing APCs from any simulation configured for drill-down reporting. You can now do a side-by-side simulation comparison down to the line-level of detail to compare the impact of APC schedule changes on a set of claims.

> **NOTE:** Your Axiom Contract Management administrator sets up simulations for drill-down reporting.
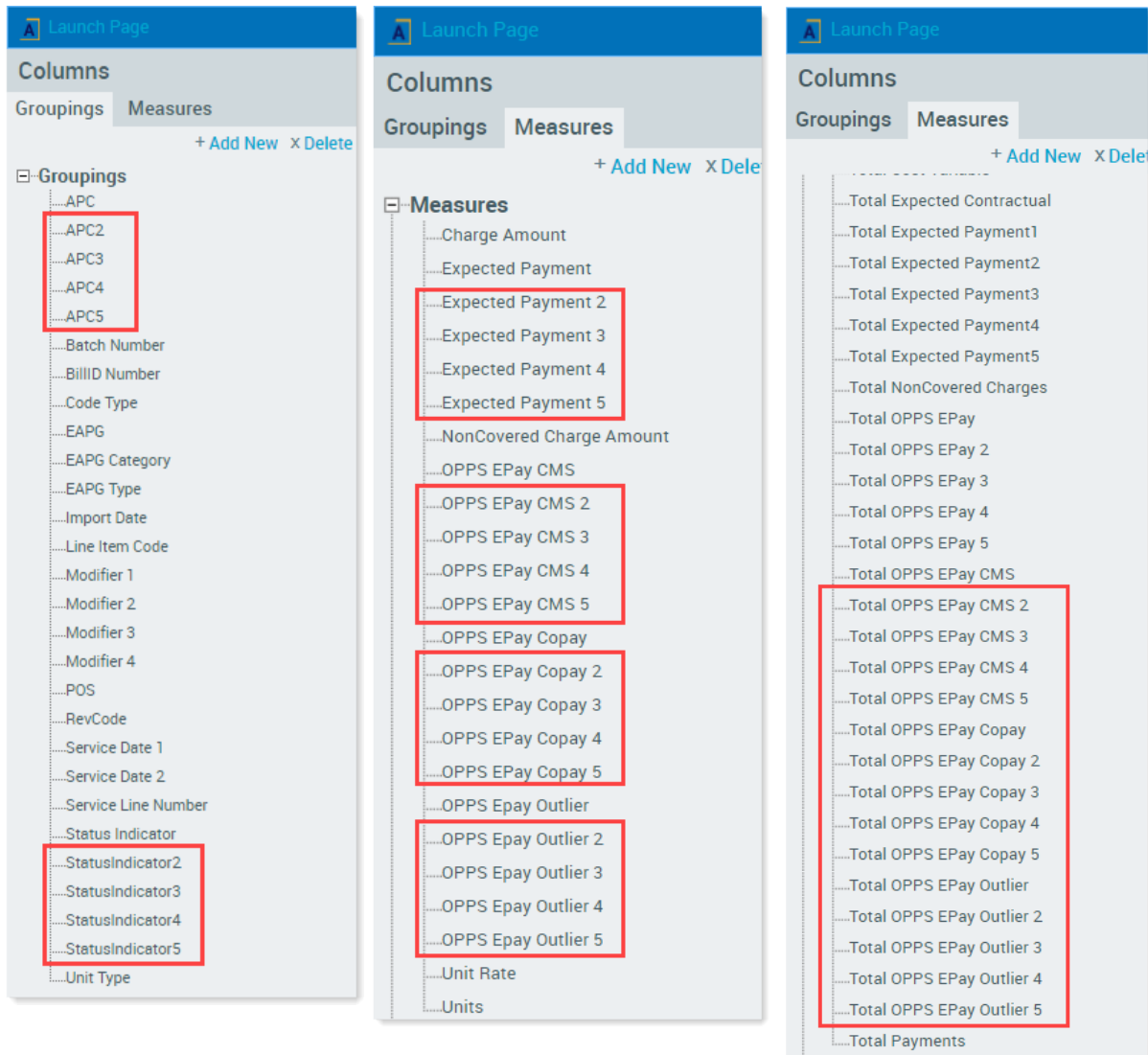
Claims and Line-level APC results for up to four simulations at a time

In addition to the Live simulation, up to four simulations can be set up to handle reporting of APC detail at the claim level. Previous to the 2019.3 release, we only stored grouped and priced APC results from the Live simulation. In this release, we have extended grouping and pricing to all other simulations. The fields that are populated on the Claims and Line items tabs are available for the other four simulations selected for drill-down reporting. This means there are now four new fields for each claim and line level field currently populated during the group and price process (for example, fields such as PPSPayment, CoPay, Outlier, etc.).

New Line Item Groupings added include the APC# and StatusIndicator# 2 - 5 as shown in the following example.	New Line Items Measures added include the following:	New CMS Measures added for Claims include the following:

Columns — Groupings (first panel)

- Groupings
  - APC
  - APC2
  - APC3
  - APC4
  - APC5
  - Batch Number
  - BillID Number
  - Code Type
  - EAPG
  - EAPG Category
  - EAPG Type
  - Import Date
  - Line Item Code
  - Modifier 1
  - Modifier 2
  - Modifier 3
  - Modifier 4
  - POS
  - RevCode
  - Service Date 1
  - Service Date 2
  - Service Line Number
  - Status Indicator
  - StatusIndicator2
  - StatusIndicator3
  - StatusIndicator4
  - StatusIndicator5
  - Unit Type

Columns — Measures (second panel)

- Measures
  - Charge Amount
  - Expected Payment
  - Expected Payment 2
  - Expected Payment 3
  - Expected Payment 4
  - Expected Payment 5
  - NonCovered Charge Amount
  - OPPS EPay CMS
  - OPPS EPay CMS 2
  - OPPS EPay CMS 3
  - OPPS EPay CMS 4
  - OPPS EPay CMS 5
  - OPPS EPay Copay
  - OPPS EPay Copay 2
  - OPPS EPay Copay 3
  - OPPS EPay Copay 4
  - OPPS EPay Copay 5
  - OPPS Epay Outlier
  - OPPS Epay Outlier 2
  - OPPS Epay Outlier 3
  - OPPS Epay Outlier 4
  - OPPS Epay Outlier 5
  - Unit Rate
  - Units

Columns — Measures (third panel)

- Total Expected Contractual
- Total Expected Payment1
- Total Expected Payment2
- Total Expected Payment3
- Total Expected Payment4
- Total Expected Payment5
- Total NonCovered Charges
- Total OPPS EPay
- Total OPPS EPay 2
- Total OPPS EPay 3
- Total OPPS EPay 4
- Total OPPS EPay 5
- Total OPPS EPay CMS
- Total OPPS EPay CMS 2
- Total OPPS EPay CMS 3
- Total OPPS EPay CMS 4
- Total OPPS EPay CMS 5
- Total OPPS EPay Copay
- Total OPPS EPay Copay 2
- Total OPPS EPay Copay 3
- Total OPPS EPay Copay 4
- Total OPPS EPay Copay 5
- Total OPPS EPay Outlier
- Total OPPS EPay Outlier 2
- Total OPPS EPay Outlier 3
- Total OPPS EPay Outlier 4
- Total OPPS EPay Outlier 5
- Total Payments

To use these new fields in a drill-down report:

1. Run an APC group and price against claims in a simulation mapped to drill-down reporting:
   a. Ensure your simulation environment contains the APC contract(s) with the appropriate Schedule(s).
   b. Ensure your simulation environment is mapped to drill-down reporting. You may need to verify this with the Axiom Contract Management administrator.
   c. Group and price the desired set of APC claims for the desired simulation (or simulations, if you are performing a comparison). For more information, see "Group and price APC and eAPG claims" in the online help.
2. Create a drill-down report using the desired Claim tab or Line Item tab fields, then add filters to the report as needed to limit the data included, and then generate the report.

For more information, see the following in the online help:

- "Build a new drill-down report"
- "Apply filters to a drill-down report"
- "Export a drill-down report"

New payer code option for grouping and pricing and recalculating claims

Users who group and price and recalculate claims now have the additional option of grouping and pricing and recalculating by Insurance Plan Code. If a new insurance plan code is added to a version and you need to group and price related claims or recalculate those claims, you do not have to process all the claims for that version; instead, you can select to process only the claims that have that specific insurance plan code.

Recalculating selected insurance plan code

For more information, see the following topics in the online help:

- "Group and price APC and eAPG claims"
- "Recalculate a claim"

Shift claim dates for grouping and pricing forecasts

Users who group and price claims for APG and eAPG contracts can shift dates on claims forward in time to accurately understand the impact of new CMS grouping and pricing logic for the upcoming year.

> **IMPORTANT:** The shift claim dates feature works only in non-Live simulations.

When the new CMS grouping methods and schedules are released, you can get a forecast of how they will affect your APC and eAPG claims reimbursements by running some of your historical claims through the grouping and pricing process using the new rules. Normally, grouping logic prevents you from using future logic against historical claims because they are service-date specific. However, if you shift your historical claim dates into the next year, you can align your service dates with the 3M logic.

> **NOTE:** You can also shift the dates backward in time by using a negative number of units. You might do this if you want to know what this year's claims reimbursements would have paid last year.

The Group and Price Claims page includes a Shift Date By section that remains inactive until you select a non-Live simulation in which to group and price your claims. You can use the date shift feature for any claims selection method (Patient Account Number, Claim Number/UCRN, Date Range, etc.) as long as you select a non-live simulation.

To date shift a set of claims for grouping and pricing:

1. In the main menu header, click **Claims** > **Group and Price**.

2. On the **Group and Price Claims** page, from the **Grouping/Pricing Type** drop-down, select the type.

3. In the **Select claims by** section, select an option, For details, see "Group and price APC and eAPG claims" in the online help.

4. From the **Simulation** drop-down, select the desired simulation.

> **IMPORTANT:** The simulation must not be Live.

5. In the first **Shift Date By** field, click the up or down arrows to select the *number of units* to shift the date by.

6. In the second **Shift Date By** field, click the drop-down and select the *unit* to shift the date by (Days, Months, Years).

7. Click **Group and Price**.

8. After grouping and pricing, view the claim voucher report to see the results.

In the following example, the top of the voucher report shows that the service took place in 2013, but on the bottom, you see that for calculating the expected payment, it used a future Grouper Schedule, and therefore, a different Grouper Logic.

Improve variance reporting with Posting subcategories

Users running drill-down reports on payment and adjustment posting totals can now break out these items into subcategories for more detailed reporting. In addition to Total Payment and Total Contractual fields, there are now 10 new payment and 10 new adjustment fields available in the Measures column for the Claims tab. These new fields allow you to break out payment and adjustment posting totals by type for improved contractual variance reporting. You can use these fields to report on refunds, bad debt adjustments, etc. The new drill-down report fields for adjustments are A1-A10. The new fields for payments are P1-P10.

NOTE: To take advantage of this postings breakout feature, you need to provide a posting file with category breakouts for payments and adjustments imported using Axiom ETL. This import can be in addition to or part of the Axiom Contract Management Full Import job.

In the example below, adjustment fields A1 and A2 are used to break out primary contractual and facility adjustments:

Contract ClauseDesc	SUM Cases	SUM Total Charges	SUM Total Expected Contractual	SUM Total Primary Contractual (A1)	SUM Total Facility Adj (A2)	SUM Contractual Variance
ALL OTHER OP	31	26,199	2,620	2,620	939	(0)
CARDIOLOGY	5	19,808	1,981	1,900	15	81
EMERGENCY CARE	54	94,717	9,472	10,472	246	(1,000)
IMAGING SERVICES	30	37,963	3,796	3,291	505	505
IMPLANTS	10	19,460	1,946	2,057	111	(111)
LAB	68	23,744	2,374	2,374	0	0
OBSERVATION	3	22,197	2,220	2,210	10	10
PT/OT/ST	15	8,504	850	1,000	150	(150)
RADIATION THERAPY	8	64,505	6,485	6,490	5	(5)
RADIOLOGY SERVICES	6	2,786	279	279	0	(0)
SURGICAL	9	104,189	10,419	15,867	534	(5,448)
	239	424,073	42,441	48,560	2,515	(6,119)

Duplicate file check on flat delimited posting files

Now you have more transparency into the Axiom Contract Management Full import job process for flat delimited posting files. When the system encounters a duplicate file, it does the following:

- Date-time stamps the file and copies it to a duplicate file folder under the Imported folder location from where the file is read. If the folder does not exist, the system creates it.
- Logs the attempt as a duplicate and updates the import report to show that the file was skipped as a duplicate.

- In the Import Data > Manage Import Batches table, the Notes section records that the file is a Duplicate and not imported, as shown in the following example:

For more information, see "View import activity" in the online help.

Improved import handling of problem files

Users running Axiom Contract Management imports now have greater visibility into what happens to problem files when claims and remits are read into the system during the Axiom Contract Management Full Import job. Problem files include duplicate files, files with invalid formats, and files that cannot be read because of structural or other issues. The new processing enables users to easily locate problem files and take corrective action.

Previously, most of the information about the reading of EDI claims was reported to the Axiom logs, and problem files were not easy to find. Now when such problem files occur in imports, the system handles them as follows:

▶ Duplicate files

The system:

- Date-time stamps and copies the file to a Duplicate file folder under the imported folder location from which the file is read. If the Duplicate folder does not exist, the system creates it.
- Logs the attempt as a duplicate
- Inserts the file entry into the TempImportBatches table without a file hash and with a status of Duplicate
- Updates the import report to show that the file is a duplicate and was skipped
- Within the system under Import Data, in the Manage Import Batches table, the Notes column lists the file as Duplicate - Not Imported

▶ Invalid format files

The system:

- Date-time stamps and copies the file to an Invalid Format file folder under the Imported folder location from which the file is read. If the folder does not exist, the system creates it.
- Logs the attempt as an invalid format file
- Inserts the file entry into the TempImportBatches table without a file hash and with a status of Invalid Format
- Updates the import report to show that the file is an Invalid Format and was skipped
- Within the system under Import Data, in the Manage Import Batches table, the Notes column lists the file as Invalid Type - Not Imported

▶ Unreadable files

The system:

- Date-time stamps and copies the file to an Unreadable folder under the Imported folder location from which the file is read. If the Unreadable folder does not exist, the system creates it.
- Logs the attempt as an unreadable file
- Inserts the file entry into the TempImportBatches table without a file hash and with a status of Unreadable
- Updates the import report to show that the file is Unreadable and was skipped
- Within the system under Import Data, in the Manage Import Batches table, the Notes column lists the file as Unreadable - Not Imported

View importer logging

A new SQL importer log available to administrators provides better visibility into the nightly import process. The SQL importer log records details about the last import that took place, including any errors, in an easy-to-view format. Administrators can use this log as a diagnostic tool when errors occur because it is more descriptive than the Axiom log.

The log records the following:

- SQL Import run ID number
- Task group ID
- Message – A brief description of the activity during each phase of the process
- Log Date/Time
- Exception – Error and associated information
- Error – Error flag True or False; True indicates an error

To view the SQL Importer log:

In the main menu header, click **Admin** > **SQL Importer log**.

SQLImporter…	TaskGroupID	Message	Log Date/Time	Exception	Error
154		Beginning SQL Importer Job	2019-09-05 10:16:08 AM		False
154		CmaSqlImporterRepository.cs - LoadImportTempTable method - importFile: X:\KregData\EVCMA\Import\CPTHCPCFiles\CPTHCPCSLibraryUpdate.rpt	2019-09-05 10:16:08 AM	1) Exception Information *** Exception Type: System.IO.DirectoryNotFoundException Could not find a part of the path 'X:\KregData\EVCMA\Import\CPTHCPCFiles\CPTHCPCSLibraryUpdate.rpt'. StackTrace Information *** at System.IO.__Error.WinIOError(Int32 errorCode, String maybeFullPath) at System.IO.FileStream.Init(String path, FileMode mode, FileAccess access, Int32 rights, Boolean useRights, FileShare share, Int32 bufferSize, FileOptions options, SECURITY_ATTRIBUTES secAttrs, String msgPath, Boolean bFromProxy, Boolean useLongPath, Boolean checkHost) at System.IO.FileStream..ctor(String path, FileMode mode, FileAccess access, FileShare share, Int32 bufferSize, FileOptions options, String msgPath, Boolean bFromProxy, Boolean useLongPath, Boolean checkHost) at System.IO.StreamReader..ctor(String path, Encoding encoding, Boolean detectEncodingFromByteOrderMarks, Int32 bufferSize, Boolean checkHost) at System.IO.StreamReader..ctor(String path, Encoding encoding) at System.IO.File.ReadLines(String path) at Axiom.DAL.CMA.CMARepository.ImportWorker.LoadImportTempTable(String importFile, Int32 taskGroupID, Int32 sqlImporterRunID, Boolean forCMAFullImport)	True
154		Imported 0 records from X:\KregData\EVCMA\Import\CPTHCPCFiles\CPTHCPCSLibraryUpdate.rpt	2019-09-05 10:16:08 AM		False
154		Import file: X:\KregData\EVCMA\Import\CPTHCPCFiles\CPTHCPCSLibraryUpdate.rpt took: 00h:00m:00s:023ms.	2019-09-05 10:16:08 AM		False
154		About to attempt to archive the following files: X:\KregData\EVCMA\Import\CPTHCPCFiles\CPTHCPCSLibraryUpdate.rpt	2019-09-05 10:16:08 AM		False
				1) Exception Information *** Exception Type:	

3M July 15 2019 APC and eAPG quarterly update release

Each quarter, 3M provides an update to the 3M GPS Grouper software integrated into Axiom Contract Management. This update includes grouping, pricing, and regulatory updates to the APC and State-specific eAPG groupers.

Issues resolved in 2019.3

The following table lists the resolutions for issues addressed in 2019.3, released on September 16, 2019:

Issue Description	Description
PFB-07682 - PLM - Reporting error related to Billid [TFS 36641]	**Summary:** The user cannot export report results to Excel because the BillID field is a display field. **Resolution:** Corrected by removing the BillID as a display field.
PFB-07787 - CM Group and Price Error Message There was an error processing the request [TFS 37763]	**Summary:** When using the Group and Price menu selection, selecting a payer and a contract provision for the current quarter results in the following error message: "The current selections generated an empty result set. The recalculation task will be aborted." This message should display only when grouping and pricing or recalculating on parameters that return zero claims to process. **Resolution:** Corrected by updating the WebMethods associated with Grouping/Pricing and Recalculating to return string values rather than throwing errors, and by updating the associated typescript files.
PFB-07892 - Special Characters in View Claim Window [TFS 37994]	**Summary:** On the Contract Management View a claim page, when a user includes an underscore in the search box, they receive an error message stating, "Please enter valid search criteria. Only letters, numbers, dashes, commas, and spaces are valid." The claim does come up when the user searches by name, so the system does accept underscores but you cannot use them in search fields. **Resolution:** Corrected by changing the code to allow using underscore characters in the account number search field.

Issues resolved in 2019.3.5 – Axiom Software patch

The following table lists the resolutions for issues addressed in Axiom Software patch 2019.3.5, released on November 1, 2019:

Issue Description	Description
PFB-07443 - Factors Form - Uncompensated Care and Sole Community Fields [40208]	**Summary:** When a new provision is created by converting an existing provision, the Uncompensated Care and Sole Community fields in the Factors form are not being copied from the source provision to the new provision's Factors form. **Resolution:** Corrected by adding the missing fields to the copy function's stored procedure.
PFB-08122 - CM - Outlier Exclusions in factors do not copy/import to a new provision [40209]	**Summary:** When a new provision for a Medicare contract is created by converting or importing an existing provision, any data in the Outlier Exclusions field of the Factors form is not being copied from the source provision to the new provision. **Resolution:** Corrected by adding the missing field to the copy function's stored procedure.
Exporting Version with SoleCommunityAddon and HospitalAcquireConditionAdjustment gives error message [40268]	**Summary:** When exporting a contract version that uses CMS DRG Factors and has data in the Uncompensated Care and Hospital Acquired Condition Adjustment fields, the user receives an error message stating that the file does not conform to the system definition for Contracts. **Resolution:** Corrected by adding the missing fields to the export function.
Import Version with SoleCommunityAddon, Uncompensated Care, Hospital Acquired Condition Adjustment and Outlier Exclusions are blank [40365]	**Summary:** When importing a contract version that uses CMS DRG Factors and has data in the Sole Community Addon and the Hospital Acquired Condition Adjustment fields, once the version has been imported, these fields, and the Outlier Exclusions field are blank. **Resolution:** Corrected by updating the schema and stored procedures to handle the fields that had missing data.

Manual setup instructions

There are no manual setup or configuration steps required for this release.

Known issues

The following table lists the known issues for this release:

Issue Description	Description
PFB-07236 - Payer Code Missing [TFS 32739]	**Symptom:** The front screen view for the 835 from a claim contains a detail description of the payer. However, when the user opens the 835, they do not see the same Payer description that is displayed on the previous screen. **Workaround:** Go back to the 835 summary listing report to view the payer description.
PFB-07168 - C - Line Item Code + Rev Code calc basis attach rates routines [TFS 36146]	**Symptom:** When the user adds a Line Item Code Plus Revenue Code Clause to a contract, if the attached rate file has a rate greater than $214,000, they receive an error when trying to attach the file. (Error: On Insert Rates: - SqlDBType.SmallMoney overflow.) **Explanation:** Attaching the rate file creates an error. **Workaround:** Manually enter the rates.

> **IMPORTANT:** Refer to the **Axiom for Healthcare Suite 2019.3 Release Notes** for additional known issues that have a suite-wide impact.