Release Notes

Axiom Financial Institutions Suite
Version 2021.3

AXIOM

10 S. Wacker Dr
Suite 3375
Chicago, IL 60606
(847) 441-0022
www.syntellis.com
info@syntellis.com

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About the Release Notes

Syntellis is pleased to announce the 2021.3 release of Axiom Financial Institutions Suite. 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 Financial Institutions Suite online help. On the help home page, simply click the Release Notes link at the top of the page.

New features in 2021.3

Syntellis Performance Solutions provides innovative enterprise performance management software, data and analytics solutions for financial institutions. Our powerful budgeting and planning, profitability, and analytics solutions help institutions elevate organizational performance and transform vision into reality.

With hundreds of leading banks, credit unions, and farm credit associations using our Axiom solutions to manage nearly $1 trillion in assets combined with top satisfaction rankings from BPM Partners for the past eight years, our proven industry expertise helps financial institutions acquire insights, accelerate decisions, and advance their business plans.

Top Down Spread

Budget planners can use Top Down Spread to spread budget or forecast data to plan files. Rather than manually adding values during the planning cycle, planners can identify multiple accounts to create a spread and then use that spread to allocate a value to all the accounts.

Customer and Product Profitability dashboards

Two new dashboards give analysts and administrators new insights into customer and product profitability. These dashboards are powered by two new tables, found in the Table Library under Customer Account Profitability Report Mart.

Statistics

You can now easily create your own statistical information to use for reporting and allocations each month by automatically processing and aggregating information from the instrument level.

New custom data columns

To support the unique needs of financial institutions, custom columns have been added to several tables. You can add your own labels to these columns and use them in reporting.

Top Down Spread

▶ Why use this feature

Use the Top Down Spread feature to spread budget and forecast data to plan files. This feature lets you define the accounts you want to work with and then apply updated values to multiple accounts with one action.

This feature can be used on the web or, using the Excel client, in an Axiom spreadsheet.

▶ How this feature works

What: Top Down Spread enables bulk editing of budget files so you can apply values to multiple accounts.

Where: On the web, you start by create a spread, where you specify plan files or departments and accounts, the adjustment method (such as pro rata allocation), the period of basis (such as year to date values) and the data type (such as end of month). Next, you open a spreadsheet, created with the plan file and account information. Then you determine how to enter the data, including the balance entry method and the spread option, enter the dollar amounts to use for your update and save.

You can also use an Excel client for applying a spread. From the Explorer, select a budget year in File Groups, open the Utilities folder, and click Top down spread. A budget planning sheet opens where you can enter the amounts for the spread.

Who: Top Down Spread is used by budget planners and administrators.

How: From the web Home page, click the tile for the budget you want to work with. Buttons to create and manage spreads are found at the top right side of the page.

▶ Where to find more information

"Introduction to Top Down Spread"

"Creating a spread"

"Applying a spread"

"Using Top Down Spread with the desktop client"

Customer and Product Profitability reports

Two new Axiom Intelligence BI dashboards provide a deep, interactive view into customer and product profitability.

▶ How this feature works

What: You can use the customer and product profitability dashboards to view this data all levels: from a top level comparison across categories down to profitability for a single customer or product. These interactive dashboards are generated from two new tables that contain aggregated data from existing tables in the Axiom database. This helps ensure a fluid, responsive experience for dashboard users.

Where: The customer and product profitability dashboards are viewed from the Intelligence Center.

Who: Analysts, managers, executives and other decision makers will benefit the most from the customer and product profitability dashboards.

How: Use the [image] selector to open the Intelligence Center. From there, open the Data Visualizations and Analytics folder and select a dashboard.

▶ Where to find more information

See these topics:

"Customer profitability dashboard"

"Product profitability dashboard"

Statistics

In order to get the data needed to understand and analyze certain aspects of an operation, you can now create custom statistics from your data. There are two types of statistics: generated statistics that are added to and updated in the general ledger and manual statistics that immediately generate values that you can copy into a report.

▶ How this feature works

What: You can create statistical data points in the general ledger to use in reporting.

Where: Statistics are created on the Financial Reporting page.

Who: Admin privileges are required to create statistics. Once created, they can be accessed by any user authorized to create reports.

How: From the home page, open the Command Center. In the Data Setup section, open Financial Reporting and click on Manage Data. Use Generate Statistics or Manual Statistics to create a statistic for reporting.

▶ Where to find more information

See these topics:

Using Statistics

"Using statistics"

"Creating manual statistics"

"Generate statistics"

New custom data columns

Every financial institution is unique and has its own needs to store and use data for budgeting and reporting. New custom columns have been added to several tables that can be renamed and used as needed.

▶ How this feature works

What: New columns have been added to several table

Where: This table provides information about the Axiom tables with custom columns. Configurable columns are presented as string types, but can be changed to other types, such as numeric or Boolean. All configurable string fields are String(250).

Table Name	New Custom Columns	Table Library Category
PROD	New custom columns for this release	Dimensions
Officer	10 configurable columns, FullName field	Dimensions
Company	10 configurable columns	Dimensions > Dimension Grouping Columns
DEPT	2 configurable Boolean fields	Dimensions
ACCT	2 configurable Boolean fields	Dimensions
Loans	10 numeric configurable fields	Instrument Data Mart > Instrument Source Data Tables
Deposits	10 numeric configurable fields	Instrument Data Mart > Instrument Source Data Tables
CDs	10 numeric configurable fields	Instrument Data Mart > Instrument Source Data Tables

Table Name	New Custom Columns	Table Library Category
CreditCards	10 numeric configurable fields, chargeoff and recovery columns	Instrument Data Mart > Instrument Source Data Tables
CIF	FullName field, 5 numeric fields, 5 string fields	Dimensions
TransactionCode	10 configurable string fields, 5 numeric fields	Other Reference

Who: Administrators and analysts are the primary roles for using and populating custom columns.

How: Using the desktop client, go to Explorer > Library > Table Library to view and edit tables.

▶ Where to find more information

See the "Data dictionary" for detailed information about all Axiom tables, including all custom columns and fields.

What to know before upgrading

> **IMPORTANT:** **You must apply the Platform 2021.3 upgrade before applying any 2021.3 Axiom product upgrades.** Axiom upgrades are backwards compatible to 2020.1 Axiom Planning and Profitability Suite so you can upgrade different products at different times, but you must upgrade to Axiom 2021.3 before the first product upgrade. Refer to the **Axiom 2021.3 Release Notes** for considerations before upgrading.

When upgrading to the 2021.3 version of Axiom Financial Institutions Suite, keep in mind the following:

- Syntellis-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 Syntellis delivered report that was moved to a new location will automatically move back to its original location.
- Syntellis product templates and calculation method libraries will be replaced.
- Syntellis product task panes will be replaced.
- Syntellis 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.

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 three days of advance notice. The request should include the following information:
   - Desired Axiom platform version.
   - Desired Axiom Financial Institutions Suite 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, click the **Help** icon in the main toolbar:

This opens the Axiom Financial Institutions help site, which in addition to the aforementioned resources, also provides search and filter functions that make it easy to find information about specific topics.
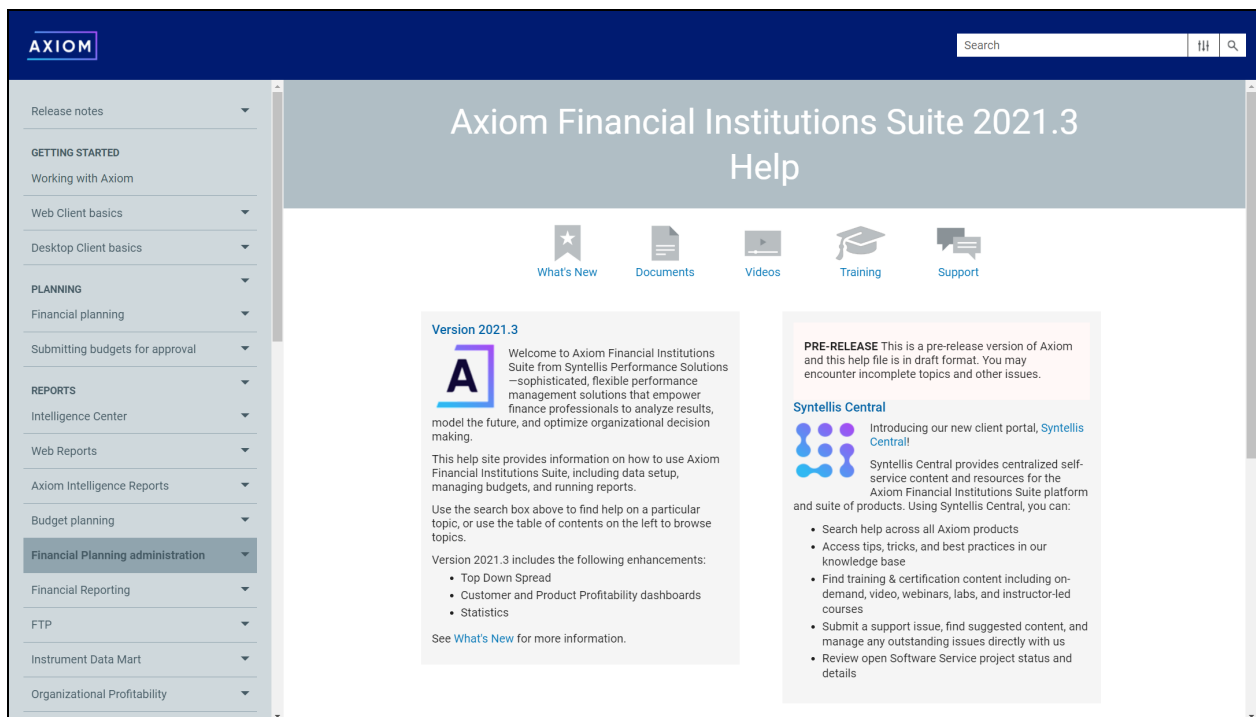
▶ Syntellis Central

Syntellis Central provides centralized self-service content and resources for the Axiom Financial Institutions Suite 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 & 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

Technical considerations

Please consider the following when upgrading to the latest version of Axiom Financial Institutions Suite:

- All fields in standard tables are locked down.

- If you are on any product release prior to 2020.4, please contact Tom Barnowski to discuss migration to the next generation of Axiom Planning and Profitability.

Issues fixed in 2021.3

The following table lists issues resolved in 2021.3, released November 15, 2021.

Issue	Description
Case No. 00430402 - NextGen Defect (Fiserv) - Balance Sheet Projection Drivers - Interest Index (TFS 104633)	**Issue:** In the Balance Sheet Projection Drivers, the Interest Index column is not allowing user to select any of the custom interest rates. **Resolution:** CustomInterestRate needs to be populated with the interest rate description for custom and FTP rates.
[UAT] - Balance Sheet Projection Drivers - FTP Rate selection is empty (TFS 104650)	**Issue:** User cannot select FTP rates in the Balance Sheet Projections drivers. **Resolution:** Ensure that CustomInterestRate is populated with description and FTP rates.
[UAT] - Balance Sheet Projection Drivers - need to select FTP for Unassigned (TFS 104966)	**Issue:** Users are unable to select FTP for unassigned balance sheet accounts. **Resolution:** Add FTP rates to the InterestBearingMap driver table, which will then be listed in the FTP rate column.
Command Center - Wrong Daily GL import utility selections (TFS 106931)	**Issue:** Wrong daily GL import utility selections in Command Center. **Resolution:** Added Import to GLTrialBalancesSTAGING Table (12 periods-12 Balance Columns-DTYPE in rows) to drop-down menu.

Issue	Description
Case No. 00446641- Subsystem does not allow access to DEPT or ACCT table - (TFS 118023)	**Issue:** When any upgrade or hotfix is performed, the security settings for all roles and subsystems are overwritten, requiring clients to redo their security settings.
	Resolution: Clients can clone all roles and subsystems and set up all permissions using those clones, which will not be affected by any upgrades or hotfixes. See "Using cloned roles and subsystems" for more information.

Issues fixed in 2021.3.1

The following table lists issues resolved in 2021.3, Patch 1, released January 4, 2022.

Issue	Description
[PS] [Fiserv] Key rates issues (TFS 125513)	**Issue:** The 2021.3 upgrade deleted all key rates for clients. Some clients are now unable to access the key rates tab to add this information back. **Resolution:** Default data was being copied to the FTPCalculateKeyRatesSetting table. This has been changed to only copy in the default data if the table is empty.
[RPPS] Tax logic is looking for matching department when it should be looking for company (TFS 124777)	**Issue:** Metric calculation imports attempt to match departments from the tax rates table to instrument tables instead of the company associated with the department. **Resolution:** Rewrite SQL statement that selects data for import use the company-level tax rate (company.admindept).
[Bud] [PS] Interest rates not populating correctly in 2021.2 Patch 1 release (TFS 124678)	**Issue:** Custom interest rates are not rendering in the interest bearing map. In the Interest Rate Driver, when creating a new custom interest rate the section inserts a new rate with 'CustomInterestRates' with an 'S'. In the InterstBearingMap, the filter is looking for 'CustomInterestRate' without an 'S'. **Resolution:** Changed the Driver table in the Rate Type Column to remove the 's' at the end of the name.
[PS] CFF running based on original budget as opposed to the scenarios 2021.2 patch (TFS 122198)	**Issue:** There are settings or data being pulled into the Cash Flow Forecaster coming from the budget when CFF is run from the scenario. **Resolution:** Cash flow forecaster job was pointed to the incorrect tables when running scenarios or forecasts. This has been fixed to point to the correct table.

Issue	Description
Case #: 00449188 - FI Suite Defect: Ratio Engine Summed stat is returning bad QTD and YTD values (TFS 119563)	**Issue:** Query is reporting MTD data value to YTD and QTD as well. **Resolution:** Query was only pulling MTD data. Rewrote so that data is pulled from MTD, QTD, and YTD.
[FISERV] [PS] CPR speeds entered are not translating to the FTP calculation appropriately (TFS 118082)	**Issue:** Prepayment speeds in the prepayment rates tab are different from the prepayment speed in the FTP RPPS. A 10% value in the rates tab shows as 1000% in FTP RPPS **Resolution:** Fixed error where percentage value in FTP RPPS was not configured with a two-digit decimal.
[FTP] [PS] [Fiserv] Rate reset is not saving back to the FTP Assignments table (TFS 119992)	**Issue:** The FTP Rate Reset Type is not saving back to the FTP Assignments table from the FTP Rules Manager. **Resolution**: Logic has been updated on this page so that the rate reset saves to the FTP assignments table and displays correctly on the webpage.
Non interest - Driver based Calc method isn't working (TFS 103441)	**Issue:** Data entered is not saved properly and thus does not process. **Resolution:** Various changes made to this utility so it processes correctly.
Axiom Generate Ratio Engine is throwing error (TFS 124023)	**Issue:** The Axiom Generate Ratio Ending utility is forming a bad Ratio table name for scenarios which causes the utility to fail during processing whenever a scenario is selected. **Resolution:** Modified formula so that name generated used the correct suffix for Ratio table name.
Case #: 00448333 - NextGen Defect - Comparative Reports (TFS 121554)	**Issue:** Comparative report variances do not always calculate correctly. **Resolution:** Fixed formula so that data from other formulas were not being accidentally overwritten.
Case #: 00450211 - [BUD] [Fiserv] [PS] NextGen Defect - Simple Interest Calc (Spread Adjustment) (TFS 121555)	**Issue:** The Spread Adjustment is not properly calculating for the Base Year within the Simple Interest Calc Method, but appears to work as intended within the Plan Years. **Resolution:** Fixed code so that the spread adjustment works properly for the base year.

Issue	Description
Case #: 00447600 - FI Suite Defect: Scheduler job errors: Copy Plan data to Reporting tables. Required value is missing for property 'FileProcessingDocument' (TFS 122332)	**Issue:** The job is failing because the budget report input table imports are no longer supported. **Resolution:** Deleted the Copy Plan data to Report Tables job.
Case #: 00449969 - [PS] FI Suite Defect: Cash Flow Forecaster - Excel formula error DriverInfo R6 (TFS 121552)	**Issue:** When running investments and using a CPR rate from the instrument file (instrument table) there is a formula error on the driverinfo tab of the cash flow forecaster. Cell R6 **Resolution:** Fixed formula used in cell R6. Changed this cell to hard-coded values as this formula was no longer needed.
[BUD] [PS] [FISERV] Budget Editor Issue - Input Detail (TFS 122331)	**Issue:** Plan Files > Input Detail calc method having issues with the 4th detail row. Expense line item 4 gets deleted and former values are being inserted instead of new values. **Resolution:** Fixed issue with the formula used to increment the Detail tag.
Case #: 00452319 Simple Interest CalcMethods - Spread over index calculating on the fly (TFS 124325)	**Issue:** Simple Interest calc method is not working properly when all 3 columns in the IB map are used. Instead the spread calculates on the fly based on user inputs, which should not occur. **Resolution:** We now display the global/historical spread line index separately, and do not add it to the index rate. The utility now acts as expected.
Financial ratio scheduler jobs not clearing Statistics (TFS 124024)	**Issue:** Scheduler jobs are not clearing statistics for FINSTAT and SUMMEDSTAT records from target ratios table before generating new records. **Resolution:** Rewrote query job to ensure these statistics are cleared.
Case #: 00450004 Obsolete accidentally added to customer upgrade (TFS 124800)	**Issue:** The Import Instrument Data Files job, which is obsolete, was configured and scheduled for a customer. **Resolution:** Deleted the job from the package so that it will not be delivered in the future.

Issues fixed in 2021.3.2

Issue	Description
Case No. 00452325 - Payroll Forecaster FUTA calculation incorrect (TFS 124561)	**Issue:** Formula for FUTA calculation did not include FUTA max credit in row 131. **Resolution:** Updated example formula in cell BR131.
Payroll Reports defects (TFS 84563)	**Issue:** Report title doesn't match name on tab for report. Refresh option does not work as expected. **Resolution:** Fixed inconsistency with report title; correct name is Department Payroll Budget Report. Changed refresh option to OnManualRefreshOnly (from OnManualRefreshAndOpen).
Case No.[BUD] [PS] FI Suite and foundation 2019.4 Copy payroll to budget utility (TFS 123973)	**Issue:** If a client processes the utility for a base period, and then advances the base period, amounts saved in columns prior to the base period are not zeroed out by the zero on save configuration. **Resolution:** Added a task to the Copy Payroll Projections to Bud job that deletes existing payroll records in the TargetPlanTable before copying new records. Modified the Copy Payroll Projections to Bud utility so it will overwrite any payroll variables in the Actual months with 0's.
Payroll planning - payroll editors do not work when Base period is 12 (yearend) (TFS 129825)	**Issue:** When base period is set to 12, the payroll editor is blank and displays a forms error. **Resolution:** Modified the formula that selects the columns to display.
Payroll Planning - Merit increase driver errors (TFS 127263)	**Issue:** The Merit Increase utility was not saving the settings for the number of active ranges to the MeritIncrease table. Because of this the Merit rates were not populated in the Scheduled increases rows on the Salary planning page and salary increases were not calculated. **Resolution:** Fixed the save tag for the NumberOfCompaRatioRanges on the MeritIncrease page. Modified formulas that use this setting to hide rows and columns to look for both On and Yes in order to enable secondary increases.

Issue	Description
[PR] [PS] Axiom Payroll Budget Issues 2022 start dates pulls 2021 merit increase (TFS 123958)	**Issue:** 2022 salary's with start dates in 2021 are pulling into 2021. **Resolution:** Fixed a lookup issue with Open position calc method.
Payroll planning - Employee Salary planning - Salary adjustments issues (TFS 127257)	**Issue:** Issues when adding salary adjustments. The calculated results are not as expected, and in some cases the starting salary for records that are after the adjustment are not the same as the ending balance from the previous record. **Resolution:** Added index for the FTE save rows in the Payroll calc methods.
Payroll planning - Edit employee: FTE page. Changes are not saved for new employees. (TFS 127255)	**Issue:** Entered changes to the monthly FTE page of Edit Employee Data are not processed correctly. **Resolution:** Added index formulas to the FTE save rows in the Payroll calc methods to get FTE values from the FTE schedule in the DialogPanel sheet. Also improved FTE editor page so that changes made to an FTE value are copied to subsequent periods rather than requiring entry one cell at a time.
[PR] Payroll Command Center settings issues - File group variables and Secondary Merit increase (TFS 127177)	**Issue:** Salary midpoints error; those with 2022 start date pulled into 2021 midpoint. **Resolution:** Fixed calc methods causing this issue.
Case No. 00442536 [Fiserv] Error message when processing plan files in Excel client (TFS 110684)	**Issue:** Save error when working with PlanEditor_BalanceSheet_ DataGrid.xlsx in the Excel client. **Resolution:** Fixed an earlier change made to a calc method which could allow a divide by zero error. Almost all save errors in these utilities are caused by divide by zero errors.
[PS] [FTP] FTP Utilities Configured limit too low (TFS 124904)	**Issue:** The configured limit on Axiom Query 'Calculate FTP Spread' on sheet 'Calc'. & Axiom Query 'Query GL balances' on sheet 'Report' is 10,000 rows. Clients are hitting this maximum. **Resolution:** Added a limit of 100,000 records to the queries for which is well outside the range of what will be encountered.

Issue	Description
2021.3 No utility to change Fiscal Year end month and to update YRMO and Annualization tables for Fiscal Years (TFS 127164)	**Issue:** Lack of support for clients that use fiscal years. **Resolution:** Added administrator and package utilities to support clients with non-calendar fiscal years.
[FR] Fiserv - validation reports in Financial reporting - Fiscal year error (TFS 127170)	**Issue:** Report column headers only display calendar months. **Resolution:** Modified the headings for each report to use the Fiscal year month setting.
FI Defect - FIBT - Plan File Balance Issues (NextGen) (TFS 127002)	**Issue:** Balances change from the initial view to the fully drilled down view, and the fully drilled down view has two different ending balances. **Resolution:** Corrected the SUMBY to use AcctRollups and DeptRollups columns. Addressed issues in the calculation methods that impacted the ending balance calculations.
[Bud] [PS] Bank Balancer does not properly calculate when launched from the Command Center. (TFS 116728)	**Issue:** Bank Balancer does not properly calculate when kicking off via the Command Center. Appears to be due to the type of scheduler service associated with running Bank Balancer as it does require Multipass processing and iterative calculations. **Resolution:** The Run Axiom Bank Balancer job is used now to run Bank Balancer.xlsx for the specified filegroup.
[PS] [Fiserv] Fiserv - NextGen Save RAROC Capital to MGTGL (TFS 127194)	**Issue:** The Save RAROC Capital to MGTGL utility is saving back to FTP fields. **Resolution:** Converted the utility which was titled Save RAROC Capital to MGTGL but was a copy of FTP, to a RAROC/Capital Save.

Issue	Description
Fiscal year settings - GL style tables having sequences and column definitions do not get updated for fiscal year (TFS 127191)	**Issue:** GL and Budget type tables are calendar year only. Sequences and column descriptions do not get updated for fiscal years. **Resolution:** Added utilities for the fiscal year.
Case No. 00434862 - NextGen Defect - Run Payroll Allocation Utility (TFS 102790)	**Issue:** Run Payroll Allocation Utility fails when running via Command Center (scheduler) due to attempting to look at PayBudAllocAssignments2021 table (which is not the version of client's payroll). **Resolution:** The scheduler job was corrupted; replaced it with a new job.
NextGen - RE: Command Center - Profitability Data Section (TFS 127242)	**Issue:** Profitability Administrator is unable to see the Profitability Data section of the Command Center, **Resolution:** Added access to Command Center page for Profitability Administrator role in frontend side.
FISERV -Report column headers need to be updated for Fiscal Year. (TFS 130292)	**Issue:** Some standard Excel reports do not properly display the correct months for fiscal years. **Resolution:** Modified the refresh page to support Fiscal year. When selecting the correct GL data column, the utility uses the fiscal month to select the column and the YRMO from the tables.
[Fiserv] Financial Planning utilities do not show Fiscal Year settings (TFS 130379)	**Issue:** Column headers do not display months according to fiscal year. **Resolution:** Added logic that calculates the Month titles based on the ClientFiscalYearEndMonth.