Release Notes

Axiom Relationship Profitability and Pricing

Version 2019.4

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

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Summary

Kaufman Hall is pleased to announce the 2019.4 release of Axiom RPPS. 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. **Back up Axiom database** – Kaufman Hall will confirm that you have a current backup of your Axiom database before applying the upgrade.
2. **Complete manual updates** – After installing the upgrade, if needed, review any manual setup steps needed to enable features for this version.

Support

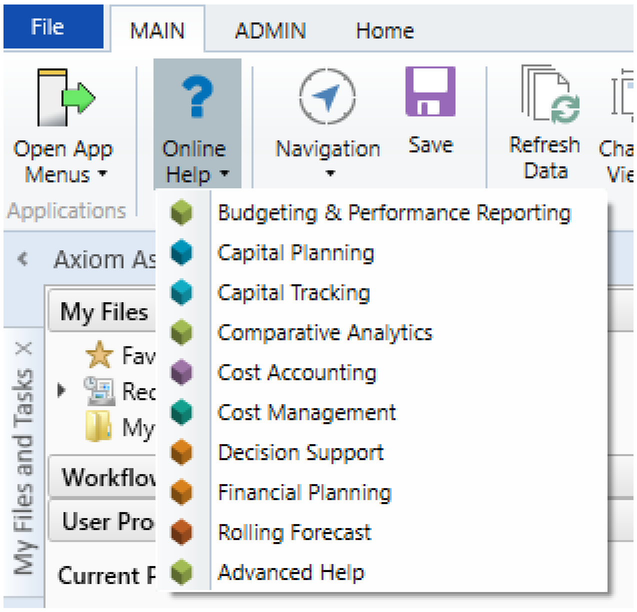
As always, we appreciate your commitment to Kaufman Hall. If you have any questions about your upgrade, please contact us by logging into Axiom, clicking **Help**, then clicking **Support**.

Training

Kaufman Hall provides world-class resources at your fingertips directly within the Axiom Software 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:

- **Online help** - 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.



- **Contextual help** - Form/web-enabled features 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. For more detailed information, open Axiom Help by clicking **Open Help** at the top of the contextual help dialog.

Product upgrade notes

IMPORTANT: You must apply the Axiom Software 2019.4 upgrade before applying any 2019.4 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 2019.4 before the first product upgrade. Refer to the **Axiom Software 2019.4 Release Notes** for considerations before upgrading.

When upgrading to Axiom Relationship Profitability and Pricing 2019.4, keep in mind the following:

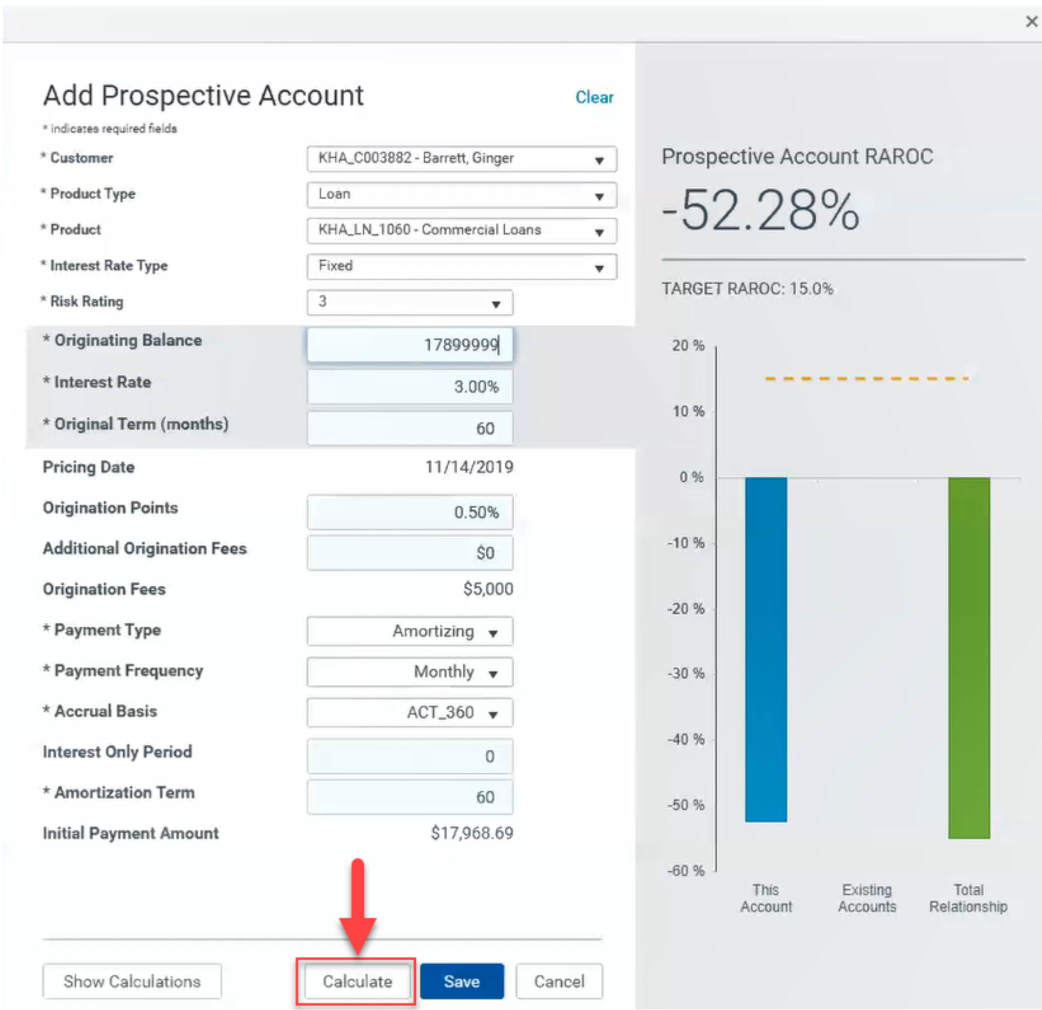
- This product upgrade contains an updated user interface, data tables, calculation engines, and remediated defects.
- KHA delivered reports may be replaced. Any report that you saved under a different name or created new will remain untouched. Replaced reports are available in Document History, if needed.
- Any KHA delivered report that was moved to a new location will automatically move back to its original location.
- Security roles and sub-systems will be reset to their configured settings. All user security exceptions you may have made will remain intact.
- All prior product configuration settings will remain as is. Any required modifications to these areas are covered in the release notes, if required.

New features summary

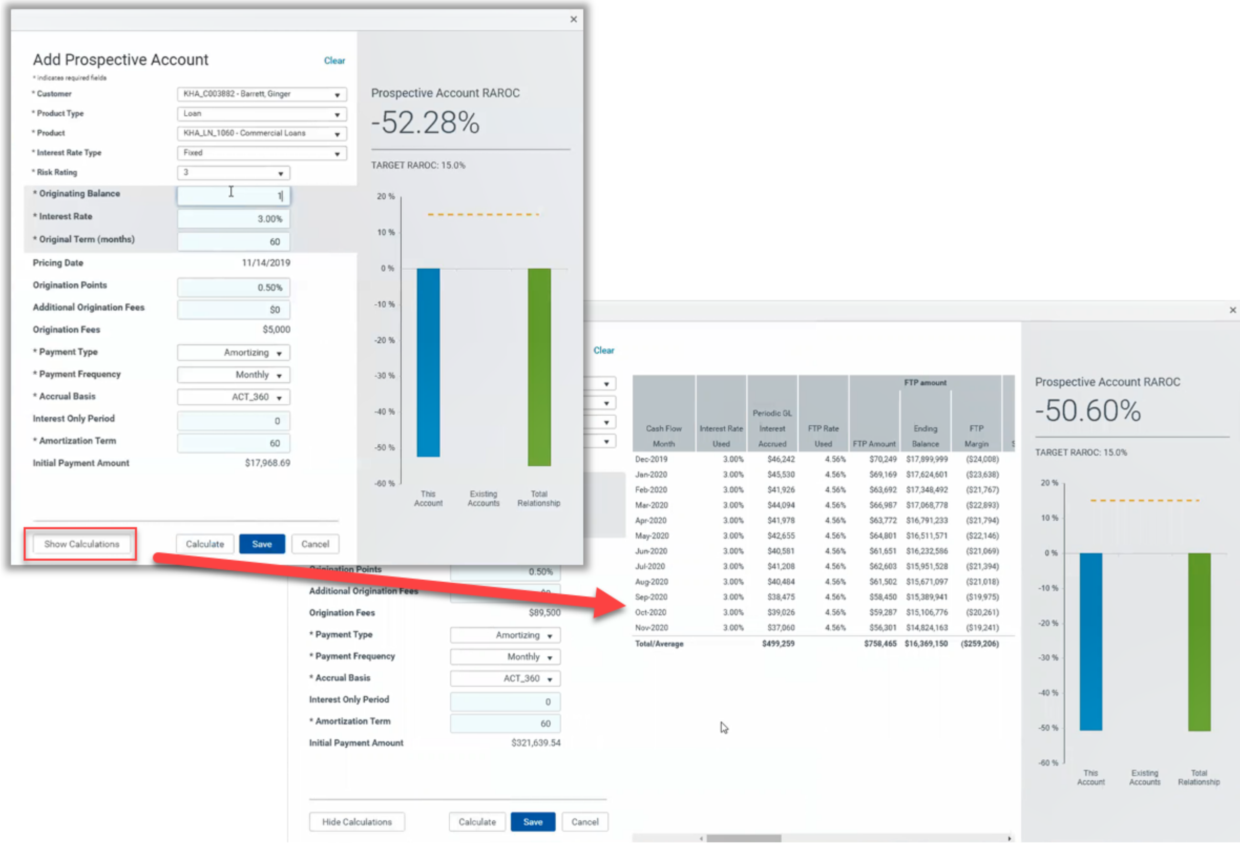
This section includes a description for each new feature included in this release.

Calculations while adding prospective accounts

Use the Calculate function in the Add Prospective Account display to execute calculations on numbers after you type them in the blue text boxes. This enhancement enables you to quickly tab between fields when entering data. Axiom RPPS executes calculations automatically when you select an option from a drop-down, but you must click **Calculate** at the bottom of the display to execute calculations on data that you type in. These calculations update the data displayed in the right-hand side of the display.



Click **Show Calculations** to update the calculations and display the calculations in a spreadsheet format.



Improved PDF formatting of Scenario Comparison report

We updated the layout of the PDF view for the Scenario Comparison report to make the report printable. Click the PDF icon in the report to display the PDF view.

Issues resolved in 2019.4

The following table lists the resolutions for issues addressed in 2019.4:

Issue	Description
Security: Import Users not functioning [TFS 39823]	**Symptom:** On the Security page in the options bar, there is an option named "Import Users". This is non-functioning and is not on the roadmap for immediate implementation. **Resolution:** Corrected by removing link to Import Users.
PFB-08083 - Reports: Validate Projected Profit incorrect button label and report header [TFS 39589]	**Symptom:** The label on the button to invoke the Projected Profitability Historic Trend report is incorrect. The label should read "Validate Projected Profitability - Historic Trend". The report header is also incorrect. **Resolution:** Corrected by updating the button label and header text.
PFB-07842 - Pricing: Prospective Relationship Comparison Current Portfolio includes Unassigned if Rel Admin role [TFS 39778]	**Symptom:** If a user is assigned the Relationship Administrator role when pricing a prospective relationship, the comparison page is pulling in all the unassigned accounts. **Resolution:** Corrected by adding logic to the Compare sheet filter so that it does not bring in unassigned relationships.
PFB-08108 - Pricing: New Deposit - Discount from Standard Fees populated with 25% when edited [TFS 39779]	**Symptom:** When creating a pricing request with a new Deposit account, the Discount from Standard Fees field gets populated with 25% when the account is edited/reopened. **Resolution:** Corrected by updating the PricingRequest template.
Pricing: Scenario Comparison truncates Scenario Description [TFS 39782]	**Symptom:**The user creates a Pricing Request with multiple scenarios and changes the Scenario name to make it longer than 20 characters then when viewing the Scenario Comparison screen, the Scenario description is truncated. **Resolution:** Corrected updating the Pricing Request Compare sheet scenario description from a cell reference to a Formatted cell which can span two columns.

Issue	Description
Pricing: Fee-Based New Accounts - Origination and Maintenance Cost not calculated [TFS 39784]	**Symptom:** When creating a Pricing Request and adding a 'Fee-Based' new account, the values for Origination Cost and Maintenance (Fixed) are not being calculated. **Resolution:** Corrected by updating logic in the Pricing Request Cashflowcalc sheet.
Pricing: Scenario Results Total Costs not summed [TFS 39785]	**Symptom:** When a Pricing Request is created and new accounts are added to a scenario, the total costs are not being summed correctly in the New Accounts results section. **Resolution:** Corrected by updating the Pricing Scenario Template total cost line in the NewAccounts form so that the cell sums up the above costs
Security: Cannot delete a user from a role [TFS 39786]	**Symptom:** When creating a Pricing Request and adding a 'Fee-Based' new account, the values for Origination Cost and Maintenance (Fixed) are not being calculated. **Resolution:** Corrected by editing the save logic so that the active row is saved and removed Save on Submit for the formatted grid and instead use the OK button in the dialog box to drive the save.
Pricing: Not able to create Pricing request for existing relationships if Relationship Administrator [TFS 40078]	**Symptom:**When a user assigned to the Relationship Administrator and the Pricing Requester roles (without Axiom Administrator), attempts to open any existing pricing request, an error message displays saying they do not have the correct security permission to access the pricing request. **Resolution:** Corrected by updating the Pricing Requester security filter logic.
Analytical Reports: Decile by RM - should use Total Capital fields instead of only Allocated [TFS 40104]	**Symptom:** Analytical Reports: Decile by RM - should use Total Capital fields instead of only Allocated **Resolution:** Corrected by changing the title and field def of report to be Total Capital instead of Allocated Capital

Issue	Description
PFB-07853 - Projected Profitability: Deposits with negative balances are excluded from calculations [TFS 40219]	**Symptom:** Deposit accounts with zero or negative balances are being excluded from projected profitability calculations. **Resolution:** Corrected by updating filters in CashFlowForecaster and RPPS Run CashFlowForecaster.
In My Portfolio, the columns displaying 12 Month Capital for the Relationship and for Customers is incorrectly formatted. [TFS 40270]	**Symptom:** In My Portfolio, the columns displaying 12 Month Capital for the Relationship and for Customers is incorrectly formatted. **Resolution:** Corrected by updating formatting in My Portfolio.
PFB-08121 - Imports that use RDC should retain the settings upon upgrading. [TFS 40333]	**Symptom:** An error displays when running the Data Import CIF job because the remote data connection settings are reverted upon upgrading. **Resolution:** Corrected by modifying seven data import utilities to ensure that {DefaultRemoteDataConnection} is now the default source drop down for the following import: • Import Instruments-CDs • Import Instrument- Credit Cards • Import Instrument- Deposits • Import Instrument- FeeBased • Import Instrument- Loans • Import Instrument- RPPS Import CIF Data • Import Instrument- RPPS Publish CIF Data
Pricing: Account Recap Report does not open to the selected Account [TFS 40370]	**Symptom:** In a Pricing Request in the area for existing accounts, there is an icon that links to the Account Recap report. Clicking on this icon takes the user to the Account Recap report but it is always the same account. **Resolution:** Corrected by updating the Selected Value field.

Issue	Description
Reports: Relationship Summary Issues [TFS 40438]	**Symptom:** There are multiple issues with the Relationship Summary report. These include: Fee-Based accounts reporting metric is not displayed; Fee-Based account in Account Contribution section has irrelevant data; Provision and Non-Interest Income in Account Contribution section is not formatted correctly; Provision in Account Contribution section only applies to Loans and should be blank for deposits and fee-based; Risk Rate should be a text field in Account Detail section; customer should be displayed only once in the Account Detail section. **Resolution:** Corrected by updating multiple fields.
Validate Projected Profitability - Historic Trend report Select Source Table filter [TFS 40506]	**Symptom:** The Select Source Table filter drop-down is missing a Fee-Based option. **Resolution:** Corrected by adding Fee-Based to the list choices.
Pricing: Submitted Pricing Request has incorrect RAROC Graph [TFS 40625]	**Symptom:** If a Pricing Request has a submitted scenario then the RAROC graph is incorrect for Existing Accounts and Total Relationship. The issue appears when the user reopens the Pricing Request. When it is first submitted if the user does not leave the page then the graph is correct. **Resolution:** Corrected by editing the Accounts sheet of Pricing Request to query FTM_TotalCapital.
Scenario Comparison on Pricing: Duplicating Scenario shows different data [TFS 39652]	**Symptom:** Scenario Comparison displays different data for duplicate pricing requests. **Resolution:** Corrected by updating the Pricing Request template with logic to save data from the cashflow calc directly.
PFB-07979 - Reports: Validation Current Profitability Trend - Missing Trend Data and Compare Error [TFS 39660]	**Symptom:** All four Validation reports located on the Profitability Calculations page are failing. The reports are not displaying historical data and the sum comparison is displaying an error. **Resolution:** Corrected by updating all references to the new column names.

Issue	Description
Account Detail Report - Not opening to As of Published Date [TFS 39663]	**Symptom:** The Account Detail Report is not opening with data as of the Published Date. It is opening with data from the first period of source data. The user has to go into the filter and select the correct date and apply that date. **Resolution:** Corrected by updating the default RefreshVariable value to Publish Date.
PFB-07840 - Projected Profitability: Incorrectly uses Sum of 12 prior Commitment amount [TFS 39665]	**Symptom:** The Commitment amount is inflated by the number of months of data in the system. **Resolution:** Corrected by removing the Commitment row from the Import.
Default Data: RPPSGlobalValues needs default record for Credit Risk Allocation [TFS 39672]	**Symptom:** The table RPPSGlobalValues should be populated with a default record for Lookup = "Credit Risk Allocation" and Value = "Expense". **Resolution:** Corrected by adding a new row for CreditRiskAllocation in the save for Default values.
PFB-08109 - Publish Job Fails - Incorrect Mapping Types in Publish ETLs for Rank and Customer_Since [TFS 39674]	**Symptom:** The publish job fails due to incorrect mapping types. **Resolution:** Corrected by updating the ranking fields in the publish relationship trend ETL to integer 32, and updated the CIFTrend table's Customer Since column to a Date format even though the field is not mapped.
Validation Report: Data is not displaying for the selected YRMO from the filter if not the Processing Date [TFS 39322]	**Symptom:** Validation Report and Current Profitability Historical Trend Report are not displaying the top line of trend data if the user uses the filter to select a date that is different to the current processing date. **Resolution:** Corrected by updating the primary table.

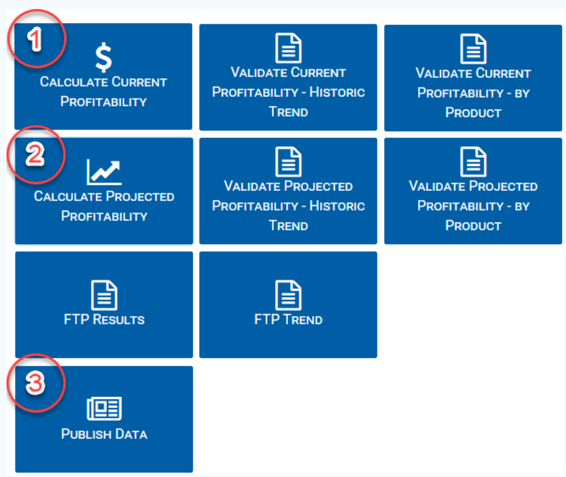
Issue	Description
Import: Fee Based has wrong default Source File Desc [TFS 39216]	**Symptom:** The Fee-Based import ETL has the wrong default Source File Description variable value. The ETL has it set to "CDs". The Scheduler Job correctly sets it to "FeeBased". This is only an issue if the ETL is run from the Axiom Client - which many clients are doing until configurable imports are implemented. **Resolution:** Corrected by changing the variable choice for varSourceFileDesc to "FeeBased" in the ETL Import Instruments-FeeBased
Account Detail Report: Row Header Title is incorrect - Inc and Exp Detail [TFS 39221]	**Symptom:** On the Fee Based Account Detail Report, Income and Expense Detail, the row header title under Non-Interest Income should be "Fees". It is now "Other Loan Fees" which is incorrect. In the page header, the Expense Base is blank and should contain a value of either Fee Income or the label associated with the Reporting Metric. **Resolution:** Corrected by updating label and page headers.
PFB-07947 - Fee-Based Config: Deleting Fee-Based Report Group did not delete from Capital or Expense [TFS 38335]	**Symptom:** A deleted Fee-Based report group is not being deleted from Capital Allocation groups and Expense Allocation groups. **Resolution:** Corrected by adding a scheduled job and an ETL to handle deleting CostGroups and CapitalGroups when FeeBased Report Groups are deleted.
PFB-07896 - Rel Recalc: New Relationships are not added to the RelationshipTrend table during recalc [TFS 37759]	**Symptom:** When a Relationship is built, it initiates the Relationship recalc process. This process should update the data in the Relationship and the RelationshipTrend table with the latest relationship metrics. The process updates the Relationship table but not the RelationshipTrend table for the new relationships. **Resolution:** Corrected by editing the RelationshipTrend - Metrics Re-Calculation ETL to insert new relationships into the RelationshipTrend table.
PFB-07767 - RPPS Interest Rate Setup Default Rates (15 Year FHLB) [TFS 37788]	**Symptom:** In the default settings in a new RPPS system, the Term is not set correctly for the 15 year FHLB rate. This is under Current Rates > Interest Rate Set Up. **Resolution:** Corrected by updating the Populate Reference Tables.

Issue	Description
PFB-07854 - Capital: Deposits with negative balances are allocated negative Capital [TFS 36885]	**Symptom:** Deposits with negative balances should not be assigned negative capital. This is incorrectly reducing the capital allocation for the account and the relationship. **Resolution:** Corrected by updating the Calculate Capital Allocation - Deposits ETL so that the average balances are absolute values which eliminates the negative balances creating negative capital.
PFB-07855 - Costs/Expenses: Deposits with negative balances are allocated negative Variable Maintenance [TFS 36888]	**Symptom:** Deposit instruments with negative average balances are allocated a negative Variable Maintenance expense. **Resolution:** Corrected by editing the transform which assigns the variable maintenance so that the average balance (AX_Bal) is always positive when used in the calculation of maintenance variable.
Imports: Loans and CDs - Need check for blank Source Sys Desc [TFS 34574]	**Symptom:** The source data imports for Loans and CDs are not checking for a blank Source System Description field prior to concatenating it with the Native Interest Index. This will cause the native interest index to be "_Prime" with a leading underscore. **Resolution:** Corrected by editing the Loans and CDs imports to accommodate blank source system descriptions
PFB-07897 - Pricing: Rel Manager and owner display is mismatched [TFS 36585]	**Symptom:** The Pricing Request page has the current user incorrectly identified as the Relationship Manager. **Resolution:** Corrected by editing Relationship Manager reference.
DQA Report: DQA Drill Log Displays wrong date in header [TFS 34996]	**Symptom:** When drilling into the DQA report the date in the header of the DQA Log Drill report is incorrect. **Resolution:** Corrected by editing the control form.
My Portfolio: The Dashboard stops refreshing if select a CIF or Account [TFS 31305]	**Symptom:** In My Portfolio, the dashboard at the top of the display stops refreshing if the user selects a customer or account. **Resolution:** Corrected by a platform resolution.

Issues resolved in 2019.4.1

The following table lists the resolutions for issues addressed in 2019.4.1, released on February 15th, 2021:

Issue	Description
PFB-07567 - Scheduler Notifications emailed to wrong user [TFS 35904]	**Symptom:** When running a Scheduler job to publish data, the wrong person receives the system alert message. **Resolution:** Corrected the email in the Scheduler job.
PFB-08707 - Teaser Rate of 0% [TFS 47773]	**Symptom:** The pricing screen does not seem to read a teaser rate of 0%, it treats this as no teaser rate and calculates interest on the loan. **Resolution:** Corrected by updating the Pricing request to accept a zero teaser rate.
PFB-08906 - Interest Index and Reset Frequency on RPPS Account Detail Report [TFS 56439]	**Symptom:** The Account Detail report shows Interest Index as a date, and the Reset Frequency appears to sum instead of showing the current value. **Resolution:** Corrected by adding YRMO to the filter for AX_RateResetFreq so that it won't sum all the reset values by InstrumentID and formatted Interest Index from a date format to string.
PFB-08843 - Error on Loan Import [TFS 56440]	**Symptom:** A user receives an error on import when importing loans using the standard CIF, Loans, CDs, Deposits imports. **Resolution:** Corrected by making RPPSJobNotifications.ScheduleJobID and JobName keys. In each import utility, for the notification task, added a delete step that clears out the RPPSJobNotifications table.

Issue	Description
PFB-08827 - Validation Report (RPPSTrend vs RPPS Account) [TFS 56441]	**Symptom:** When a user runs profitability for a month, and then goes back and reloads data to the loans table and re-runs profitability, the report shows errors since the RPPSAccountStatging + RPPSAccountTrend does not match RRPSAccountTrend. **Resolution:** Running Publish Data does not clear out the RPPSAccount tables. There is no RPPSAccountStagingDeleteRows transform, which actually exists in the RPPS Calculate Current Profitability (Calculate Current Profitability) and the RPPS Run Cash Flow Forecaster (Calculate Projected Profitability) jobs. So, when a user goes back and reloads data to the loans table and re-runs profitability, the client needs to run the following in order: 1. Calculate Current Profitability 2. Calculate Projected Profitability 3. Publish Data 
PFB-08770 - Default date value on the submitted pricing request report [TFS 56446]	**Symptom:** A default value of 4/2/2019 is saved in the submitted pricing request report in a user's system. **Resolution:** Corrected the report by updating the refresh variables.

Issue	Description
PFB-08576 - Commitment Balance in Account Detail Report (RPPSAccountTrend Table) [TFS 56449]	**Symptom:** The Account Detail Report does not display the Current Commitment amount correctly. The Account Detail report Current Commitment is set up to add all values from each month, but the system should treat it like a balance and only the most recent month should display. **Resolution:** For the Current Commitment getdata, corrected the [filtercriteria] to include YRMO.
PFB-08538 - Validation Instrument Import Report [TFS 56450]	**Symptom:** The Validate Instrument Import report does not bring in data the first time you click on the report. The user has to click refresh before the report will bring in data. The report shows the current date and indicates that there are no records available, which is a bit confusing to the user. **Resolution:** In the Validate Instrument Import report, on the Variables tab, corrected by setting [SelectedValue] = D26, which is the InProcessYRMO and [ClearSelectedValueOnOpen] = FALSE. When [ClearSelectedValueOnOpen] was set to TRUE, the file did not have a YRMO in which to open.
PFB-08309 - Product Table Maintenance report should have 'Text 'Format in cell A4 [TFS 56654]	**Symptom:** In the Account Detail Report for a Deposit account, the system incorrectly displays the Maturity Date field along with a corresponding value of "Jan 00 1900". Neither should display in the report for a Deposit account. In the Account Detail Report for a Variable Loan account (i.e. a Loan where iType=V), the system incorrectly displays the Maturity Date field and the Term field but incorrectly with values of 'Jan 00 1900' and '0' respectively (this is different for Loan accounts where iType=F or A where both the Maturity Date field and the Term field are expected to display valid values). Both fields should be blank for a Variable Loan account. **Resolution:** Corrected by doing the following: 1. For deposit accounts, the Maturity Date and the Term Field will no longer display. 2. For variable loans (RPPSAccountTrend.Itype=V), the Maturity Date and Term values have been edited so that the names will display, but the values will be blank.

Issue	Description
My Portfolio: Filter/Search Relationships by Customer [TFS 57134]	**Symptom:** Allow the relationship manager, administrative assistant, or any user with permission to view relationships. **Resolution:** All users with the proper permissions can now enter filter criteria to assist in finding the desired relationship or customer.
PFB-07898 - My Portfolio: Manager Filter displays internal ID [TFS 56364]	**Symptom:** There are two issues associated with this defect: 1. In My Portfolio, in the Filter for Manager, the drop-down should be in alpha order by manager name by last name and then first name. 2. In My Portfolio, in the column for Relationship Manager on the grid, the relationship manager's first name and last name should display. **Resolution:** Corrected by doing the following: 1. In My Portfolio, in the Filter for Manager, the drop-down is now driven by {Relationship.ManagerId.LastName}, {Relationship.ManagerId.FirstName} - {Relationship.ManagerId.ExternalManagerId} where the external manager ID displays in parenthesis. 2. In My Portfolio, in the column for Relationship Manager on the Grid, Rel Mgr display format is now set to {Relationship.ManagerID.Description}.
PFB-09087 - Account Detail Report Default Date [TFS 56437]	**Symptom:** When opening an Account Detail report from the My Portfolio page, the default date of the report does not match the publish date of the system. For example, publish date = May 2020, but the date on the report is as of Feb 2020. The filter has to be used to update the report to the publish date. The client can easily use the filter, however this will cause confusion when rolling out to their Relationship Managers. **Resolution:** In the Account Detail report, on the Variables tab, corrected to [SelectedValue] = Published Date C24.