



FundSuiteArc Version 2.4.0 Release Notes

ArcReporting 2.4.0

Revised: 3/10/2016



RR DONNELLEY

Table of Contents

Release Notes Preface	1
Enhancements Requiring Immediate User Action	2
Release Notes Summary	3
1. Enhancements Common to Multiple Products	4
2. Enhancements to ArcReporting	5
Enhancements Common to Multiple Products	7
1. Ability to roll "Ad Hoc" text snippets forward from one period to another	8
2. "Platform Administration" area now known as "Environment Administration"	11
3. Ability to purge holdings and general ledger data for a specific balance type	12
4. Fund/Category Exception Report and ability to roll category exceptions forward	14
5. User right to govern deletion of published project drafts	17
Enhancements to ArcReporting	18
1. Dynamic captioning based on current and prior period values (negative, positive or mixed)	19
2. Ability to generate output for one or more specific project sections	24
3. Ability to highlight project content produced by variable data points	27
4. Dynamic financial statement template headings based on line item values (negative, positive or mixed)	29
5. Ability to tag intercompany or related party transactions	38
6. Ability to adjust horizontal totals for cross-holding investment	40
7. Ability to view and map to any column of a multi-column calculation sheet	47
8. Ability to edit closed-period financial balances for which no balance set exists	49
9. Default horizontal total exchange rate setting for calculation sheets	51
10. Ability to specify market value calculation basis for any category, group or exception level	55
11. Increased maximum "Rows Per Page" value for Fund Holdings page	57
12. Additional support for class-level supplemental data values and data types	59



Closed Defects	61
Closed Defects - SP2	71



Release Notes Preface

Release notes provide functional and technical details. This document describes how each enhancement functions within the context of the greater business process. This added level of detail should enable project teams to answer the following questions:

- Why was the change made?
- What out-of-the-box functionality will change?
- How do these changes affect the organization?



Enhancements Requiring Immediate User Action

1. Due to the fix of a legacy defect in this product release (68836/IM15-240564) that caused cell-level formatting to be overwritten with the formatting of the first row, when multiple rows were assigned to a single statement node, users will notice that formatting of cells will have changed upon database update. Users are advised to reapply the formatting to the affected cell(s).
2. Due to the fix of a legacy defect in this product release (66858/IM15-278828), wherein the horizontal total was calculated incorrectly when the *Selected fund(s)* option was specified for a given financial statement via the **Project Templates** page, users may see a change in the values being output for horizontal total values. Users are advised to reapply the spread settings to the affected statement(s).
3. Due to the fix of a legacy defect in this product release, wherein specifying *(Default)* as a chapter's **Publishing Template** setting resulted in the term *Default* being included in the output XML (and not the name of the actual default template), users may notice a change in output styles. Users are advised to reapply the setting to the affected chapter(s).



Release Notes Summary

The following section offers a summary of features included in this product release. More detailed information about each item can be seen in the respective Enhancements section of this document.

1. Enhancements Common to Multiple Products

1. Ability to roll "Ad Hoc" text snippets forward from one period to another

Functionality was added at the project template level to allow users to roll *Ad Hoc* text snippets forward to the next reporting period.

2. "Platform Administration" area now known as "Environment Administration"

The "Platform Administration" area of FundSuiteArc was renamed to "Environment Administration". This change in name helps better represent the scope of the settings contained within the administration module.

3. Ability to purge holdings and general ledger data for a specific balance type

Users can now drill down to and purge balance type-specific records for general ledger and holdings data via the **Data Purge** page. Prior to this enhancement, users were forced to purge all records for a given account period, regardless of balance type.

4. Fund/Category Exception Report and ability to roll category exceptions forward

Functionality was added to allow users to roll fund exceptions forward that are created based on account period. In addition, a report is now available that captures the aggregated allotment of fund exceptions that have been created.

5. User right to govern deletion of published project drafts

The management of project-, chapter- and section-level published output was enhanced with the addition of a new user right. Users having this right will be able to delete project-, chapter- and section-level drafts from the revisions grid.

2. Enhancements to ArcReporting

1. Dynamic captioning based on current and prior period values (negative, positive or mixed)

Users can now dynamically display financial statement template line item captions, based upon the values displayed within the financial statement. This allows users to display a line item caption with either gain, loss, mixed, mixed-gain or mixed-loss text.

2. Ability to generate output for one or more specific project sections

Users can now generate project output at a section level. Output production at this level follows the same logic as existing functionality for generating output at a chapter level.

3. Ability to highlight project content produced by variable data points

Users can now opt to highlight variable data content within text snippets, financial statements and portfolio statements when generating project output to PDF or Word format.

4. Dynamic financial statement template headings based on line item values (negative, positive or mixed)

Users can now dynamically display financial statement template headings based upon the values displayed for a line item contained within the financial statement. This allows users to display a table header with gain, loss, mixed, mixed-gain and mixed-loss text.

5. Ability to tag intercompany or related party transactions

Users can now tag holdings securities as intercompany or related party transactions via the **Holdings** tab of the **Fund Holdings** page. These tags can be referenced throughout FundSuiteArc, allowing users to automate notes to financials tables that contain this information.

6. Ability to adjust horizontal totals for cross-holding investment

Users can now view and adjust current and prior period horizontal totals for financial statement templates. This functionality will allow users to modify the horizontal total to account for fund cross-holdings, mergers, etc.

7. Ability to view and map to any column of a multi-column calculation sheet

Users can now preview the mappings of columns other than **Column 1** via the **Calculation Sheets** tab of the **Financial Workbook Templates** page, for multi-column calculation sheets. Users can switch between columns to view the number of items contained in the specified column.

8. Ability to edit closed-period financial balances for which no balance set exists

Users can now edit historical values on the **History** tab of the **Financial Workbook** page in closed periods for which no previous balance set existed. In addition, a new **Rounding Level** column was added to display which rounding level was in place the last time values were calculated in an open period.

9. Default horizontal total exchange rate setting for calculation sheets

FundSuiteArc was enhanced to allow users to designate a default **Horizontal Total Exchange Rate Type** at the calculation sheet level, when horizontal totaling functionality is enabled in the associated financial workbook template. Once the default exchange rate type is specified, any new items added to the calculation sheet will automatically be set to use it.

10. Ability to specify market value calculation basis for any category, group or exception level

Users now have the ability to define the **Market Value Calculation Basis** at any level of category, category exception or group. In previous versions of FundSuiteArc, the ability to define **Market Value Calculation Basis** was limited to the outermost level of category, category exception or group.

11. Increased maximum "Rows Per Page" value for Fund Holdings page

In previous versions of FundSuiteArc, users could not display more than 1,000 rows per page in the grid on the **Holdings** tab of the **Fund Holdings** page. Consequently, it was not always possible to view or export the complete set of holdings for particularly large funds.

12. Additional support for class-level supplemental data values and data types

In version 2.3.0, support for class-level supplemental data and additional data point types (*i.e.*, **text** and **date**) were added. Certain features were not included at that time, but were subsequently added in version 2.4.0.



Enhancements Common to Multiple Products

The following section lists enhancements in this product release that are common across multiple FundSuiteArc products.

1. Ability to roll "Ad Hoc" text snippets forward from one period to another

RRD ID: 53523

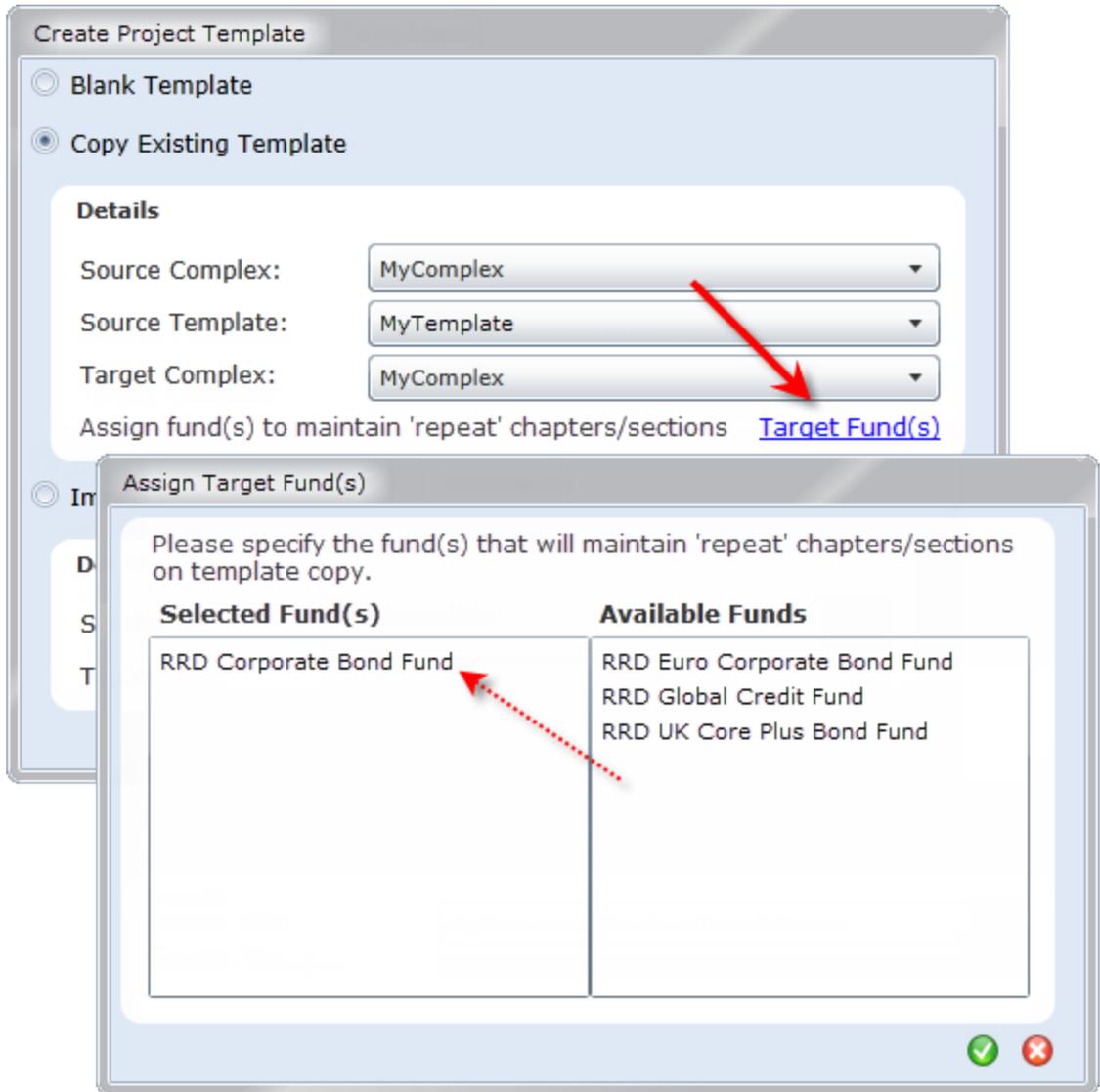
Overview

Functionality was added at the project template level to allow users to roll *Ad Hoc* text snippets forward to the next reporting period.

What's New

1. An *Ad Hoc snippet rollforward* check box was added to the *Item Detail* sub-tab on the *Contents* tab of the **Project Templates** page, for text snippets having a *Text Snippet Option* drop-down list selection of *Ad Hoc*.
 - a. The new *Edit Ad Hoc Snippet Rollforward Setting* user right is required to select/clear the check box (the check box is disabled if the right is not assigned to the current user).
 - i. This user right was added as a child to the existing *Open Project Templates Page (ArcReporting)* right.
 - b. Selecting the check box causes the content of the current text snippet to roll forward from period to period when a new instance of a project associated with the current template is created.
2. The existing Project Template Audit Report now includes a possible *Sub Type* value of *Text Snippet Ad Hoc Rollforward*, which displays when changes are made to the state of the *Ad Hoc snippet rollforward* check box on the *Item Detail* sub-tab of the **Project Templates** page.
3. Project template copy functionality was updated to support the new *Ad Hoc snippet rollforward* check box setting on the *Item Detail* sub-tab of the **Project Templates** page.
 - a. For the check box setting to be included in a project template copy operation, a user must click the *Target Fund(s)* link on the **Create Project Template** dialogue when copying an existing template, and

then designate one or more specific funds via the **Assign Target Fund(s)** dialogue that displays.



Note:

The project template export feature does not retain the rollforward setting.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

2. "Platform Administration" area now known as "Environment Administration"

RRD ID: 66209

Overview

The "Platform Administration" area of FundSuiteArc was renamed to "Environment Administration". This change in name helps better represent the scope of the settings contained within the administration module.

What's New

The "Platform Administration" area is now known as the "Environment Administration" area.



Process Changes

No changes to current processes are required.

3. Ability to purge holdings and general ledger data for a specific balance type

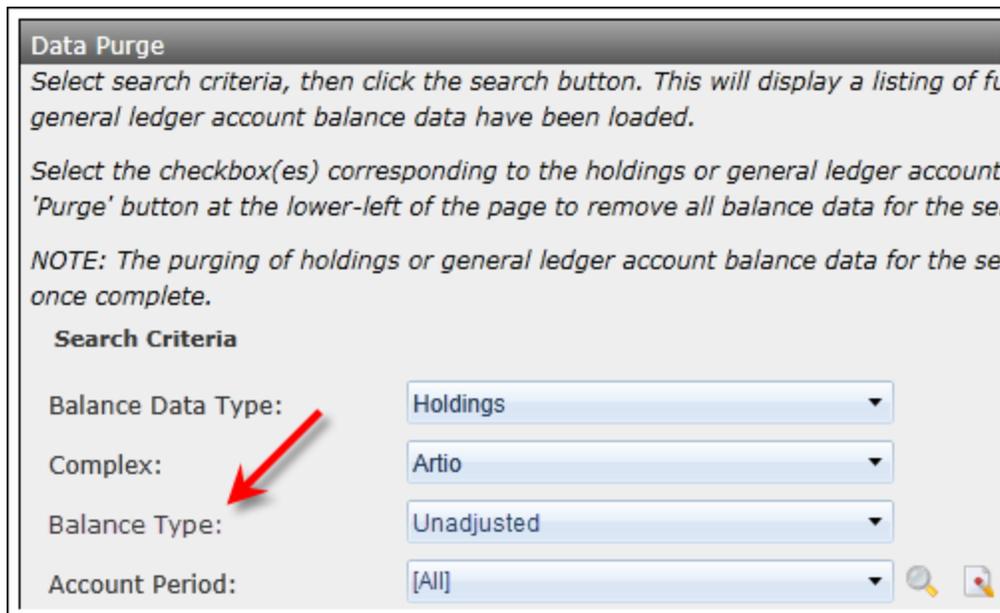
RRD ID: 67192

Overview

Users can now drill down to and purge balance type-specific records for general ledger and holdings data via the **Data Purge** page. Prior to this enhancement, users were forced to purge all records for a given account period, regardless of balance type.

What's New

1. A **Balance Type** drop-down list was added to the **Search Criteria** section of the **Data Purge** page.



- a. The drop-down list is populated with the following selections:
 - i. *[All]* (default selection)
 - A. This selection causes search results to display data for all balance types defined in the current FundSuiteArc environment.
 - ii. *<all balance types in the current environment, in ascending order>*
 - A. Any of these selections cause the search results to display data for only the specified balance type.
 - b. When the **Search** button is clicked, the results grid on the page displays data reflecting the fund(s), balance type(s) and account period(s) into which holdings or general ledger balance data has been loaded.
2. A **Balance Type** column was added to the results grid of the **Data Purge** page.
 - a. The column displays the name of the balance type with which the holdings/GL account/collateral securities balance data is associated.
 3. One row now displays in the results grid of the **Data Purge** page for each fund for which data has been loaded for the specified balance type/account period combination. As such, users can select individual rows in the grid and purge the associated data independently of other holdings or general ledger balance data of the same account and balance type.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

4. Fund/Category Exception Report and ability to roll category exceptions forward

RRD ID: 68725

Overview

Functionality was added to allow users to roll fund exceptions forward that are created based on account period. In addition, a report is now available that captures the aggregated allotment of fund exceptions that have been created.

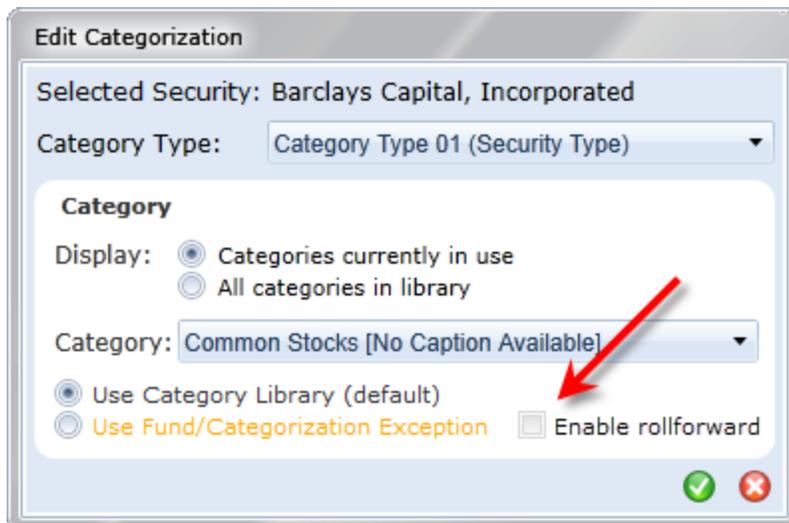
What's New

1. The existing **Use Fund Exception** option button label on the **Edit Categorization** dialogue (invoked via the **Holdings** tab of the **Fund Holdings** page) was renamed **Use Fund/Categorization Exception**.

Note:

No change was made to existing functionality associated with this option.

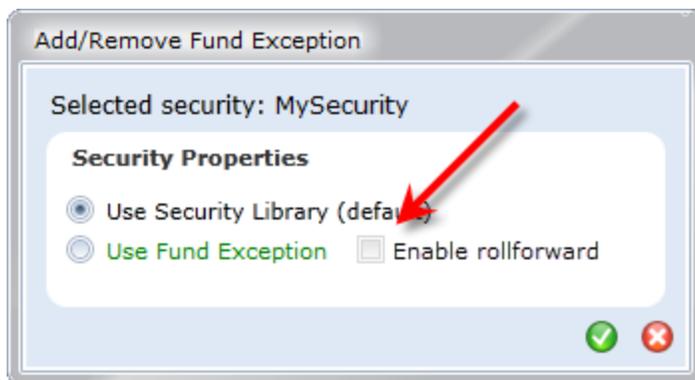
2. An **Enable rollforward** check box was added to the existing **Edit Categorization** dialogue (invoked via the **Holdings** tab of the **Fund Holdings** page), in association with the **Use Fund/Categorization Exception** option button.



Note:

The check box is only enabled when the *Use Fund/Categorization Exception* option button is selected; it is disabled when the *Use Category Library (default)* option button is selected.

- a. Selecting the check box causes the fund/categorization exception for the selected security to be rolled forward to the next account period.
3. An *Enable rollforward* check box was added to the existing **Add/Remove Fund Exception** dialogue (invoked via the *Holdings* tab of the **Fund Holdings** page), in association with existing *Use Fund Exception* option button.



Note:

The check box is only enabled when the *Use Fund Exception* option button is selected; it is disabled when the *Use Security Library (default)* option button is selected.

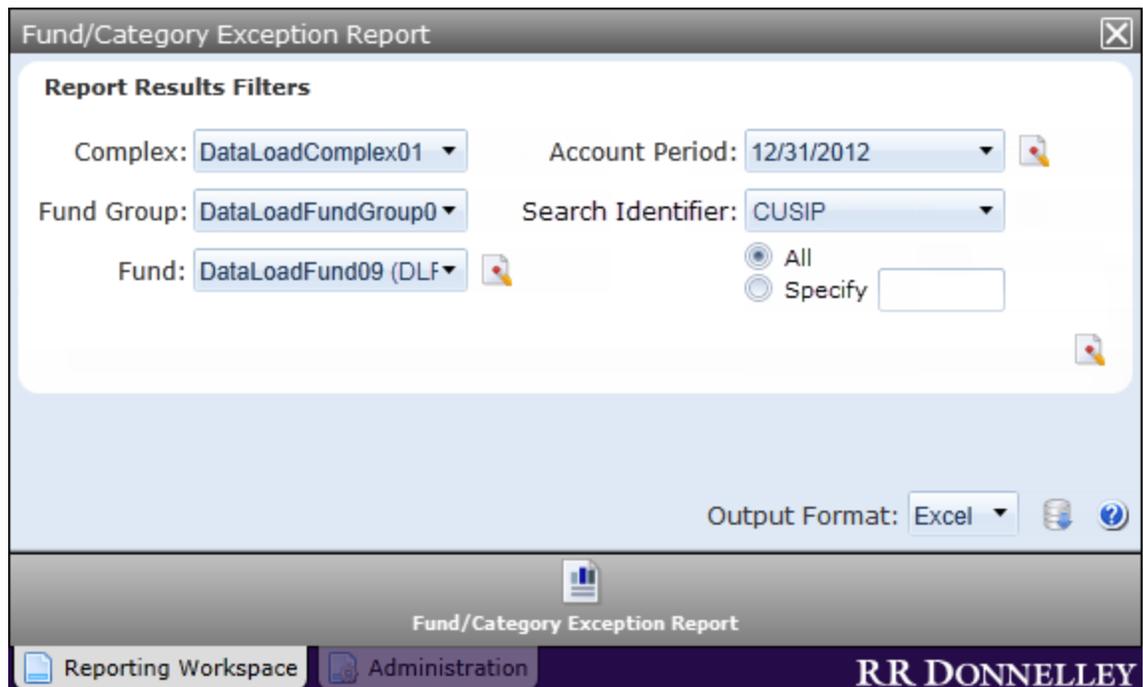
- a. Selecting the check box causes the fund exception for the selected security to be rolled forward to the next account period.
 - i. Rollforward will occur under either of the following circumstances:
 - A. Data is loaded to a new account period for a security or category within a fund for which a user created an exception and enabled rollforward.
 - B. A new account period is created that contains a security or category within a fund for which a user created an exception and enabled rollforward.

4. A **Fund/Category Exception Report** page was added to ArcReporting.
 - a. The report is accessed via a new menu item of the same name in the existing **Reports** menu section on the *Reporting Workspace* tab.

Note:

The menu item is only enabled for users assigned the new *Open Fund/Category Exception Report Page (ArcReporting)* user right.

- b. The report allows users to filter based on complex, fund group, fund and security identifier (e.g., *CUSIP*, *Master Identifier*, *SEDOL*, etc.). Output is available in Excel format.



Process Changes

No changes to current processes are required.

 [Demonstration video](#)

5. User right to govern deletion of published project drafts

RRD ID: 91226

Overview

The management of project-, chapter- and section-level published output was enhanced with the addition of a new user right. Users having this right will be able to delete project-, chapter- and section-level drafts from the revisions grid.

What's New

A *Delete Revisions* user right was added as a child to the existing *Open Project Page (ArcReporting)* right.

1. Users that have this right will be able to delete drafts from the revisions grid on the **Output Management** tab of the **Project** page by means of the existing **Remove item from grid** button (the button is now disabled if the right is not assigned to the current user).

Additional Information

Upon database update to version 2.4.0, no existing user roles will have this new right assigned by default; for users to delete project output drafts, the right must be added manually to their assigned role(s).

Process Changes

Changes to role definitions must be made to avail of the **Remove item from grid** feature.



[Demonstration video](#)



Enhancements to ArcReporting

The following section lists enhancements in this product release that pertain specifically to the ArcReporting product.

1. Dynamic captioning based on current and prior period values (negative, positive or mixed)

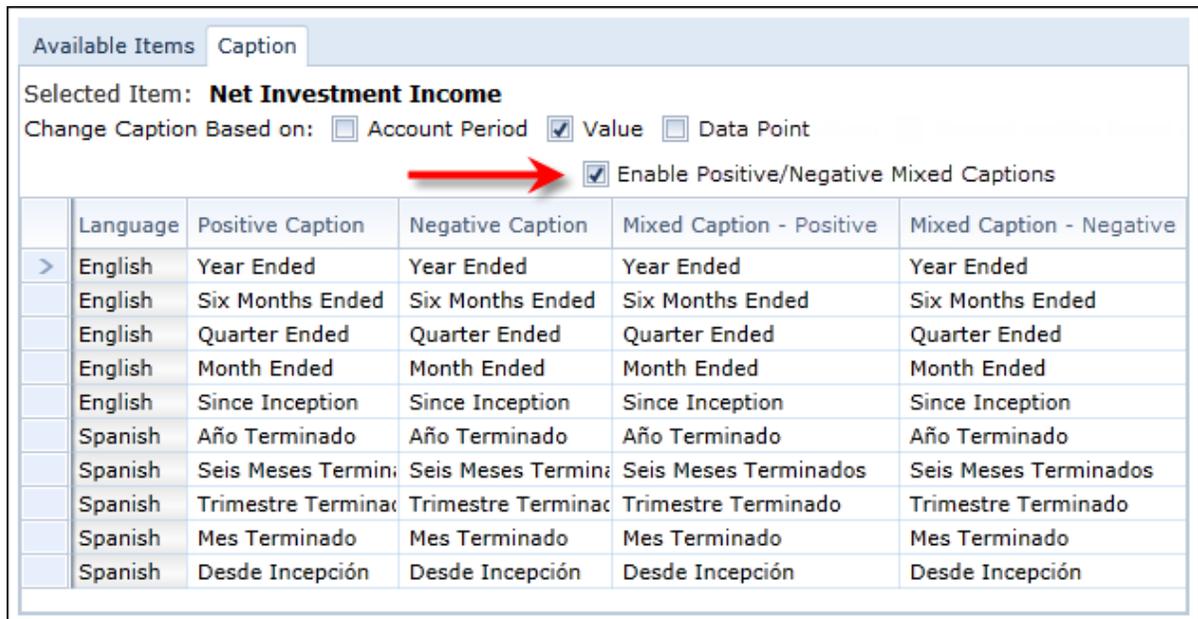
RRD ID: 26507

Overview

Users can now dynamically display financial statement template line item captions, based upon the values displayed within the financial statement. This allows users to display a line item caption with either gain, loss, mixed, mixed-gain or mixed-loss text.

What's New

1. An **Enable Positive/Negative Mixed Captions** check box is now displayed beneath and as a "child" of the **Value** check box (i.e., indented) on the **Caption** sub-tab of the **Financial Statement Templates** tab on the **Financial Workbook Templates** page.



Available Items | Caption

Selected Item: **Net Investment Income**

Change Caption Based on: Account Period Value Data Point

Enable Positive/Negative Mixed Captions

	Language	Positive Caption	Negative Caption	Mixed Caption - Positive	Mixed Caption - Negative
>	English	Year Ended	Year Ended	Year Ended	Year Ended
	English	Six Months Ended	Six Months Ended	Six Months Ended	Six Months Ended
	English	Quarter Ended	Quarter Ended	Quarter Ended	Quarter Ended
	English	Month Ended	Month Ended	Month Ended	Month Ended
	English	Since Inception	Since Inception	Since Inception	Since Inception
	Spanish	Año Terminado	Año Terminado	Año Terminado	Año Terminado
	Spanish	Seis Meses Terminado	Seis Meses Terminado	Seis Meses Terminados	Seis Meses Terminados
	Spanish	Trimestre Terminado	Trimestre Terminado	Trimestre Terminado	Trimestre Terminado
	Spanish	Mes Terminado	Mes Terminado	Mes Terminado	Mes Terminado
	Spanish	Desde Incepción	Desde Incepción	Desde Incepción	Desde Incepción

- a. This check box is hidden when a **Column Header** item is selected in the statement template tree view pane.

- b. The check box is only visible when the **Value** check box is selected.
- c. The check box is cleared by default.
- d. Selecting the check box causes additional columns to display in the caption grid, in which alternate caption values may be specified.
 - i. Any values specified and saved in **Value**-specific cells while the check box is selected will be retained in the database if the check box is cleared at any time, and will re-populate the appropriate cells if the check box is subsequently selected.
- e. When the check box is selected the financial statement line item caption will display the value of one of a series of possible fields.

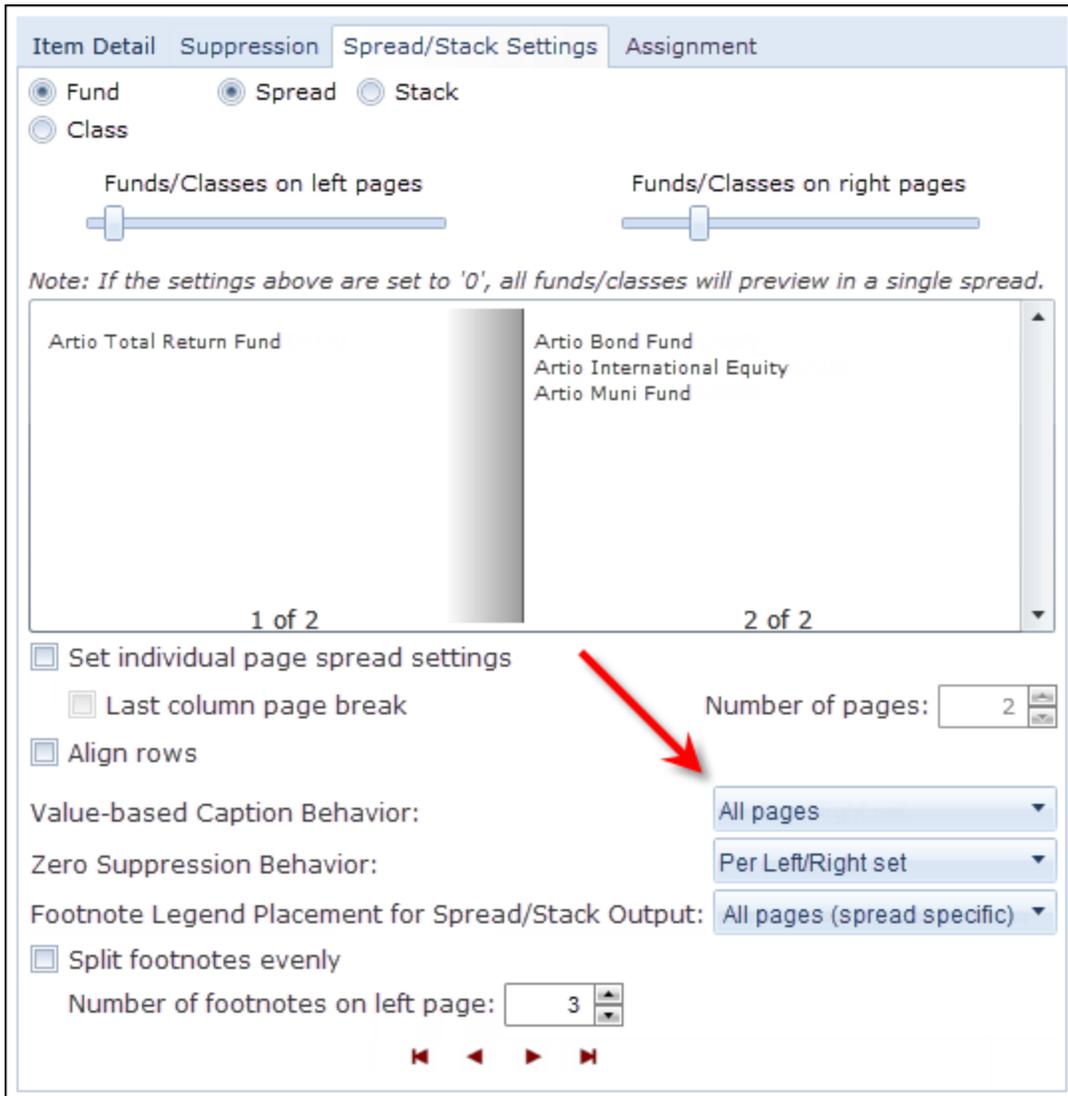
Note:

The determination of caption is based on the values of the output settings attached to the line item, similar to zero suppression (*i.e.*, the values that are output are used, therefore if class-specific data is output that is what determines the output; not the composite, fund-level data). If no data points are mapped, the caption logic is based upon the mapped values on the financial statement (*i.e.*, column 1 to n). Within a spread, the columns that are checked are dependent on the spread's setting.

- i. One of the following fields is displayed, under the respective conditions specified below:
 - A. **Positive Caption:** If all values for all columns of the selected line item are positive (reading output settings within the columns from left to right).
 - B. **Positive Caption:** If all values for all columns of the selected line item are positive and zeros (reading output settings within the columns from left to right).
 - C. **Negative Caption:** If all values for all columns of the selected line item are negative.
 - D. **Negative Caption:** If all values for all columns of the selected line item are negative and zeros (reading output settings within the columns from left to right).
 - E. **Mixed Caption - Positive:** If the values of columns are a mix of positive, negative and zero values and the first value of the first column is positive (reading output settings within the columns from left to right).

- F. **Mixed Caption - Negative:** If the values of columns are a mix of positive, negative and zero values and the first value of the first column is negative (reading output settings within the columns from left to right).
 - ii. When no data points are mapped, and the logic has determined there is a mix of positive/negative values across all values of the underlying calculation sheet or trial balance item/section, then the **Mixed Caption - Positive** caption will be used, as there are no output settings available to determine which is displayed "first", left to right.
- 2. The Financial Statement Template Audit Report was updated to include changes made via the **Caption** sub-tab of the **Financial Workbook Templates** page with respect to the **Enable Positive/Negative Mixed Captions** check box, **Mixed Caption - Negative** text and **Mixed Caption - Positive** text.

3. A **Value-based Caption Behavior** drop-down list was added to the **Spread/Stack Settings** sub-tab of the **Project Templates** page, for financial statements.



Item Detail Suppression **Spread/Stack Settings** Assignment

Fund
 Spread
 Stack
 Class

Funds/Classes on left pages Funds/Classes on right pages

Note: If the settings above are set to '0', all funds/classes will preview in a single spread.

Artio Total Return Fund Artio Bond Fund
 Artio International Equity
 Artio Muni Fund

1 of 2 2 of 2

Set individual page spread settings
 Last column page break
 Align rows

Number of pages:

Value-based Caption Behavior: **All pages**

Zero Suppression Behavior: **Per Left/Right set**

Footnote Legend Placement for Spread/Stack Output: **All pages (spread specific)**

Split footnotes evenly
 Number of footnotes on left page:

◀ ▶ ⏪ ⏩

- a. When the **Spread** option button is selected, available drop-down list selections are as follows:
 - i. *All pages* (default selection)
 - A. **Caption based on** functionality looks to all funds/periods on all spreads before returning the caption value.
 - ii. *Per page*
 - A. **Caption based on** functionality looks only to the funds/periods on the current page of the spread before returning the caption value.
 - iii. *Per Left/Right set*
 - A. **Caption based on** functionality looks only to the funds/periods on the current left/right page spread before returning the caption value.
 - b. When the **Stack** option button is selected, the following drop-down list selection is available:
 - i. *Per stack* (default selection)
 - A. **Caption based on** functionality looks only to the funds/periods on the current stack before returning the caption value.
 - c. If the spread/stack feature is not enabled for the table, captioning is done across the entire financial statement template for the line item (*i.e.*, each column that is output).
4. The Project Template Audit Report was updated to include changes made via the **Spread/Stack Settings** sub-tab of the **Project Templates** page with respect to the **Value-based Caption Behavior** drop-down list selection.
 5. Project template export/import and copy functionality was updated to support the **Value-based Caption Behavior** drop-down list selection, as specified via the **Spread/Stack Settings** sub-tab of the **Project Templates** page.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

2. Ability to generate output for one or more specific project sections

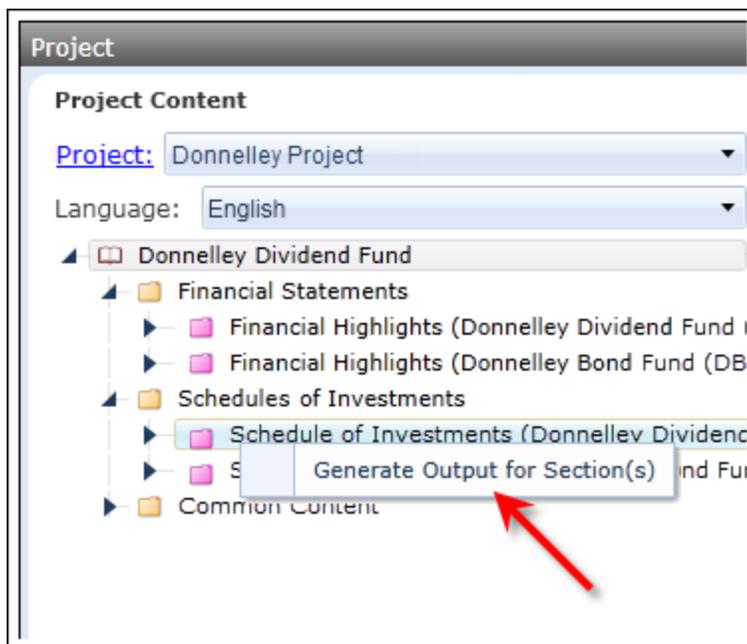
RRD ID: 39020

Overview

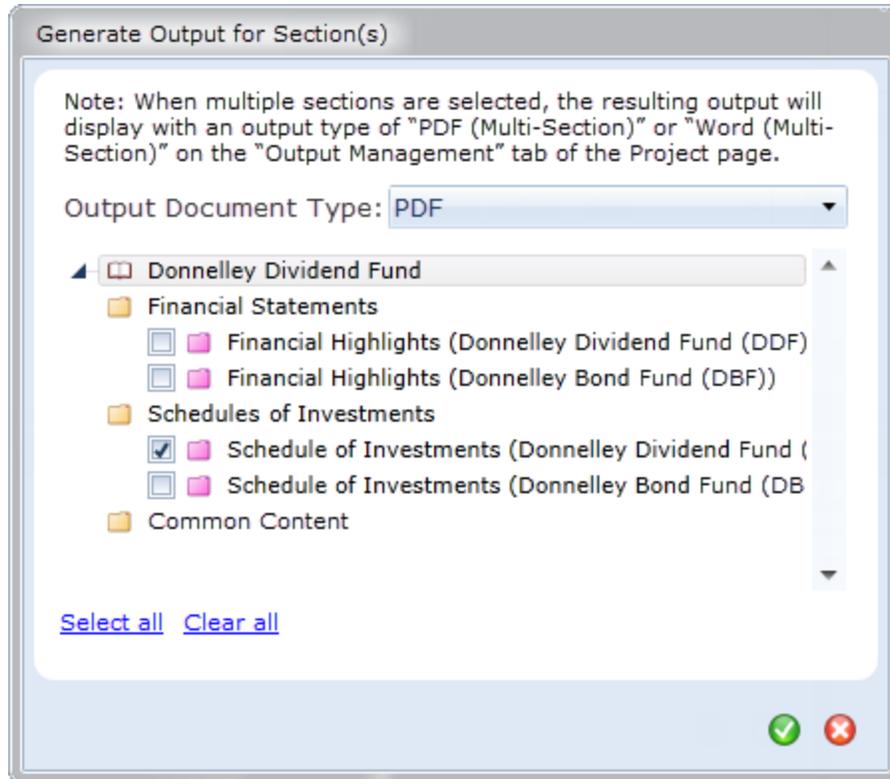
Users can now generate project output at a section level. Output production at this level follows the same logic as existing functionality for generating output at a chapter level.

What's New

1. A *Generate Output for Section(s)* item is now available in the context menu that displays when a user right-clicks any section folder in the *Project Content* tree structure on the **Project** page.



- a. Selecting the *Generate Output for Section(s)* option displays the **Generate Output for Section(s)** pop-up dialogue.



- i. The user may specify an **Output Document Type** selection of *PDF* or *Word*, dependent on whether the associated project template is set to accommodate one or both of those options.
- ii. A tree view structure on the dialogue displays all chapters and sections in the current project, with their associated fund names and codes.
 - A. Each section node displays a selectable check box.
 1. By default, the check box associated with the section that was right-clicked on the **Project** page will be selected.
 2. The user may select one or more section check boxes to designate the section(s) to output.

Tip:

- Clicking the **Select all** link at lower-left of the dialogue will select all

sections of the project at once.

- Clicking the **Clear all** link will clear all sections of the project at once.

- B. With the check box(es) corresponding to the desired section(s) selected, the user then clicks the **Accept** button (✔) at lower-right of the dialogue to submit the output request to the document processing service.
 1. If just one section was selected, the resulting output will display in the revisions grid of the **Output Management** tab of the **Project** page when the published section is selected in the **Project Content** tree structure.
 2. If more than one section was selected, the resulting output will display in the revisions grid of the **Output Management** tab of the **Project** page for the **Project** (*i.e.*, topmost) node, with an output type of **PDF (Multi-Section)** or **Word (Multi-Section)**, based on the specified **Output Document Type** selection.
2. When any section folder is selected in the **Project Content** tree structure on the **Project** page, users may now initiate publishing of that section by means of the **Generate output** button (📄) on the **Output Management** tab.
 - a. Users may select the desired **Output Document Type**, **Output Blackline Type** and/or **Output Options** check boxes on the tab in association with the output.
3. Purging of section-level output revisions will follow the existing chapter-level revision purge settings, as defined by administrators via the **System** page in the Environment Administration area.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

3. Ability to highlight project content produced by variable data points

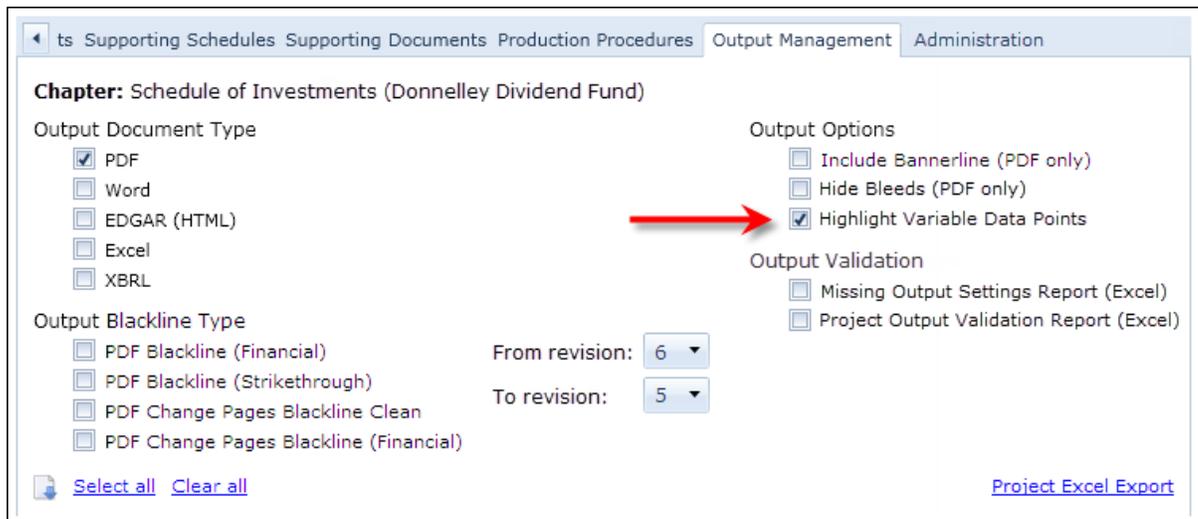
RRD ID: 52630

Overview

Users can now opt to highlight variable data content within text snippets, financial statements and portfolio statements when generating project output to PDF or Word format.

What's New

1. A **Highlight Variable Data Points** check box was added to the **Output Options** section of the **Output Management** tab on the **Project** page.



- a. The check box is only enabled if a supporting **Output Document Type** is selected.
- b. Selecting the check box causes content that was added to project components via the **Data Point** button (**Text Libraries**, **Footnote Libraries - General Ledger** and **Footnote Libraries - Holdings** pages) or as data points defined in the Custom Data Points library (**Financial Workbook Templates** and **Portfolio Statement Templates** pages) to be displayed in red text in the output document (e.g., **August 15, 2013**).

Note:

This feature does not currently support variable data points in tabular data templates.

2. The term **[VDP]** is now appended to values in the **Output Type** column of the revisions grid on the **Output Management** tab of the **Project** page, for rows representing PDF or Word output generated with the **Highlight Variable Data Points** check box option selected (e.g., **PDF [VDP]**, **Word [VDP]**).
3. The statement, **Draft highlighting variable data points [auto comment]** displays in the **Comments** column of the revisions grid on the **Output Management** tab of the **Project** page, for rows representing PDF or Word output generated with the **Highlight Variable Data Points** check box option selected.

Additional Information

This new feature will only highlight variable data point text in red if the associated output template has been configured to do so. It is advised that you speak to your local RR Donnelley representative to ensure these updates have been made prior to attempting to use the functionality.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

4. Dynamic financial statement template headings based on line item values (negative, positive or mixed)

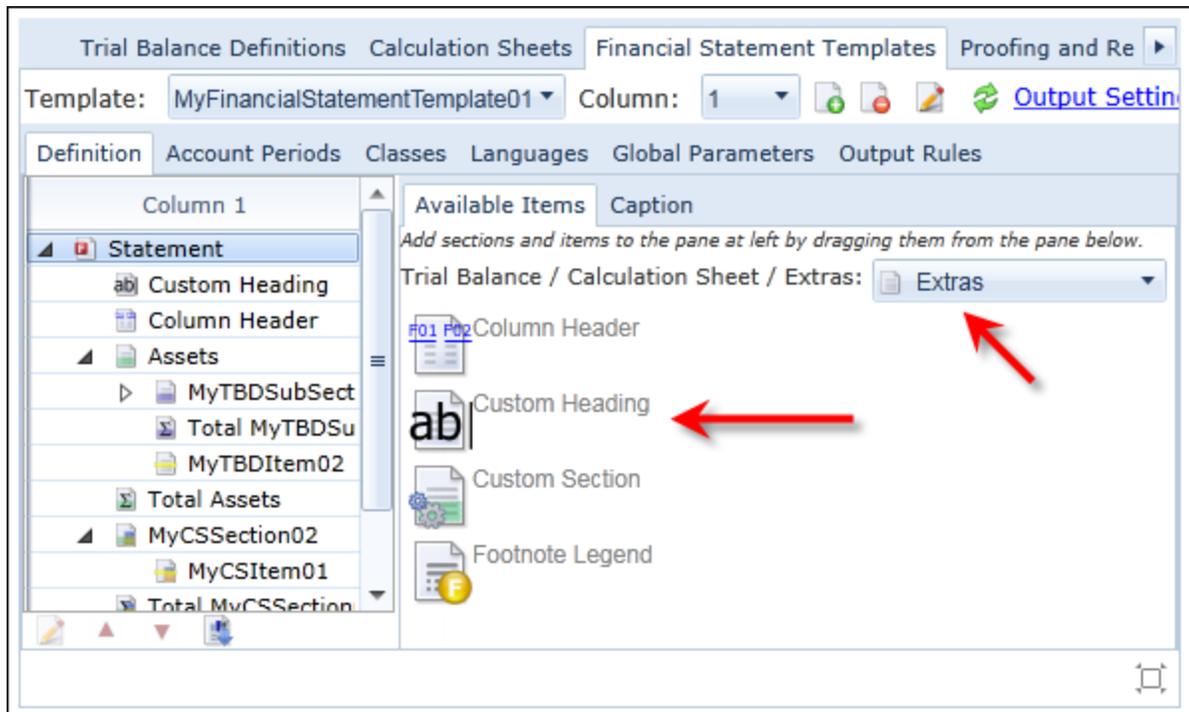
RRD ID: 52631

Overview

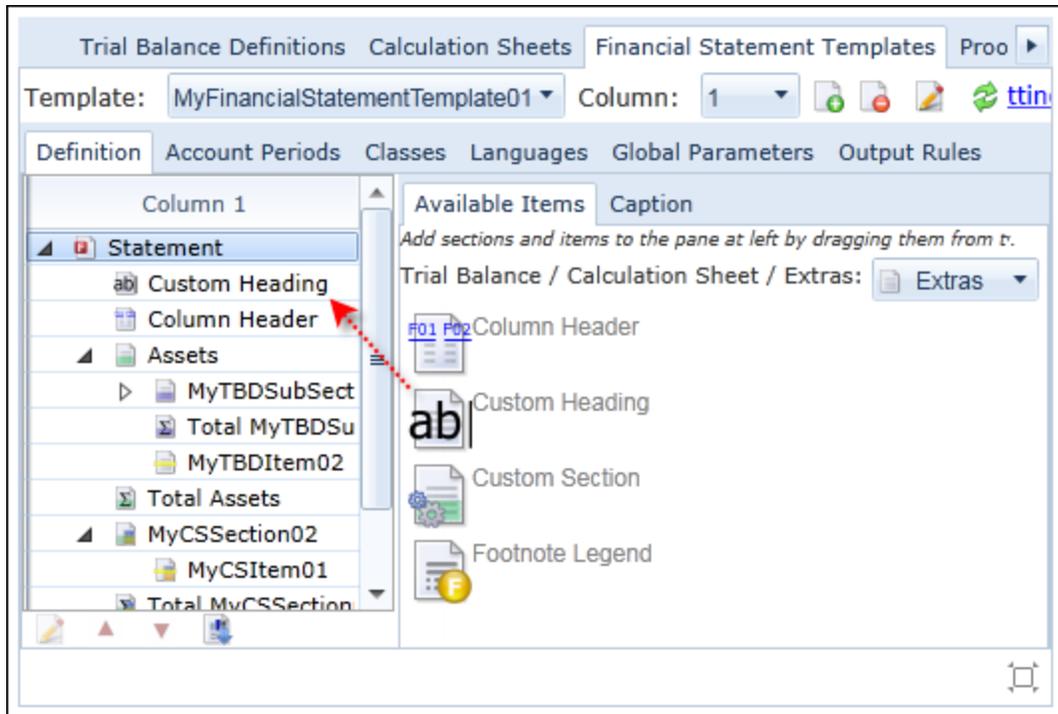
Users can now dynamically display financial statement template headings based upon the values displayed for a line item contained within the financial statement. This allows users to display a table header with gain, loss, mixed, mixed-gain and mixed-loss text.

What's New

1. A *Custom Heading* node type was added to the financial statement template items displayed in the *Available Items* sub-tab of the **Financial Workbook Templates** page, when *Extras* is the specified drop-down list selection.



- a. This node type is only available for statement templates of standard orientation.
- b. Users can drag and drop the item from the *Available Items* sub-tab to the statement structure at left of the *Definition* sub-tab.



- c. Only one such item may be added to the template definition, at the outermost level.
 - i. When a custom heading is added to the template definition, it displays directly beneath and as a "child" to the statement node, above the *Column Header* item, when present.
 - ii. When a financial statement template is linked to a calculation sheet, a *Custom Heading* node is added by default.

Note:

If a *Custom Heading* node exists, but has no caption settings specified, the caption node/XML will be suppressed in statement output.

2. A **Value of Item** check box is now displayed on the **Caption** sub-tab of the **Financial Statement Templates** tab on the **Financial Workbook Templates** page, when the **Custom Heading** node is selected in the tree view of the **Definition** sub-tab.
 - a. An associated **Enable Positive/Negative Mixed Captions** check box displays as a "child" of the **Value of Item** check box (*i.e.*, indented).
 - b. A drop-down list is displayed at right of the **Change Caption Based on** label, which becomes enabled if the **Value of item** check box is selected.
 - i. Available drop-down list selections are all detail items in the current financial statement template, except **Column Header** and **Footnote Legend**.
 - c. When the **Value of item** check box is cleared, the following columns are displayed in the grid:
 - i. **Language**
 - ii. **Use Text Snippet**
 - A. Cells in this column display a check box.
 - B. The check box is cleared by default.
 - C. When the check box is selected, the **Caption** column in the same row is populated with a clickable link (the link text is *(select snippet)* by default, or the name of the user-specified text snippet library/snippet).
 1. The text specified in the **Caption** column in the same row (if any) will be retained, such that clearing the check box again will cause the text to display; if no text had been previously specified, the cell will be blank.
 - D. When the check box is cleared, the **Caption** column in the same row contains an editable cell.
 1. The text snippet specified in the **Caption** column in the same row (if any) will be retained, such that selecting the check box again will cause the name of that snippet and its associated library to display as a clickable link in that column; if no snippet had been previously specified, the link text will be *(select snippet)*.

iii. *Caption*

- A. If the associated **Use Text Snippet** check box in the same row is cleared, the column contains an editable cell, wherein the user can type the caption text.
- B. If the associated **Use Text Snippet** check box in the same row is selected, the column is populated with a clickable link (the link text is *(select snippet)* by default, or the name of the user-specified text snippet library/snippet).
 - 1. Clicking the link causes the **Select Text Snippet** pop-up dialogue to display, where users can specify the snippet to output.

d. When the **Value of item** check box is selected, the following columns are displayed in the grid:

- i. *Language*
- ii. *Use Text Snippet*
- iii. *Positive Caption*
- iv. *Use Text Snippet*
- v. *Negative Caption*
- vi. *Use Text Snippet*
- vii. *Mixed Caption*

e. When both the **Value of item** and **Enable Positive/Negative Mixed Captions** check boxes are selected, the following columns are displayed in the grid:

- i. *Language*
- ii. *Use Text Snippet*
- iii. *Positive Caption*
- iv. *Use Text Snippet*
- v. *Negative Caption*
- vi. *Use Text Snippet*
- vii. *Mixed Caption - Positive*

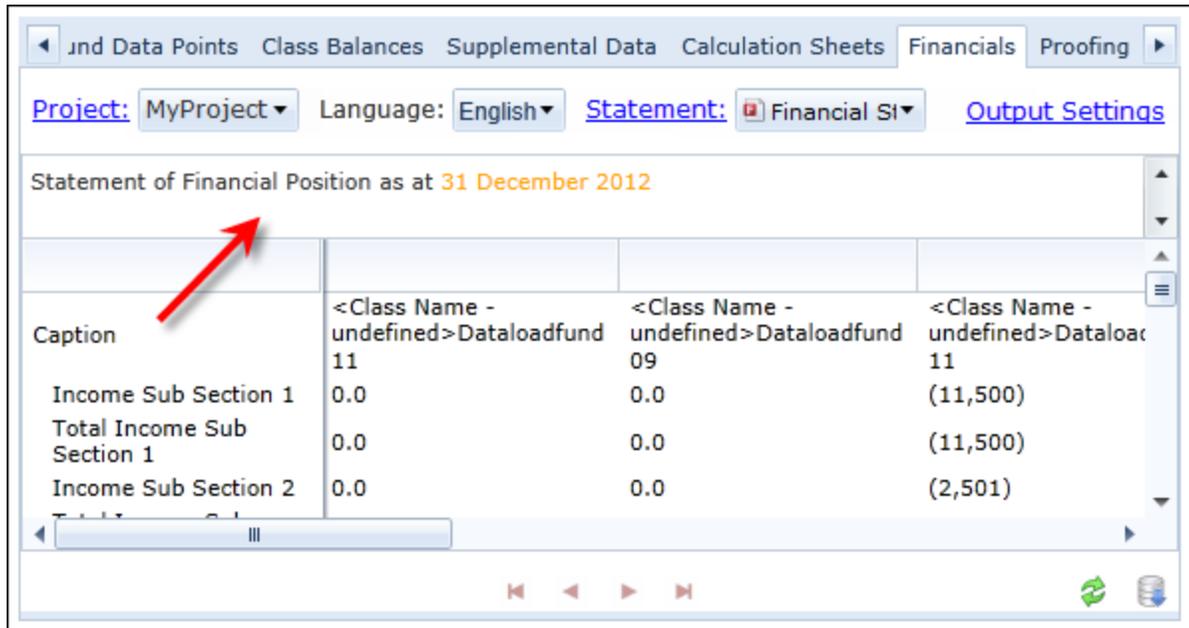
- viii. *Use Text Snippet*
 - ix. *Mixed Caption - Negative*
- f. Depending on the combination of check boxes that are selected for the financial statement template, the **Custom Heading** value will be one of a series of possible fields.

Note:

The determination of caption is based on the values of the output settings attached to the line item, similar to zero suppression (*i.e.*, the values that are output are used, therefore if class-specific data is output that is what determines the output; not the composite, fund-level data). If no data points are mapped, the caption logic is based upon the mapped values on the financial statement (*i.e.*, column 1 to n). Within a spread, the columns that are checked are dependent on the spread's setting.

- i. If the **Value of item** check box is cleared, the specified text or snippet within the **Caption** column, of the appropriate language, will display.
- ii. If the **Value of item** check box is selected and the **Enable Positive/Negative Mixed Captions** check box is cleared, one of the following fields is displayed, under the respective conditions specified below:
 - A. **Positive Caption:** If all values for all columns of the selected line item are positive (reading output settings within the columns from left to right).
 - B. **Positive Caption:** If all values for all columns of the selected line item are positive and zeros (reading output settings within the columns from left to right).
 - C. **Negative Caption:** If all values for all columns of the selected line item are negative (reading output settings within the columns from left to right).
 - D. **Negative Caption:** If all values for all columns of the selected line item are negative and zeros (reading output settings within the columns from left to right).
 - E. **Mixed Caption:** If the values of columns are a mix of positive, negative and zero values (reading output settings within the columns from left to right).

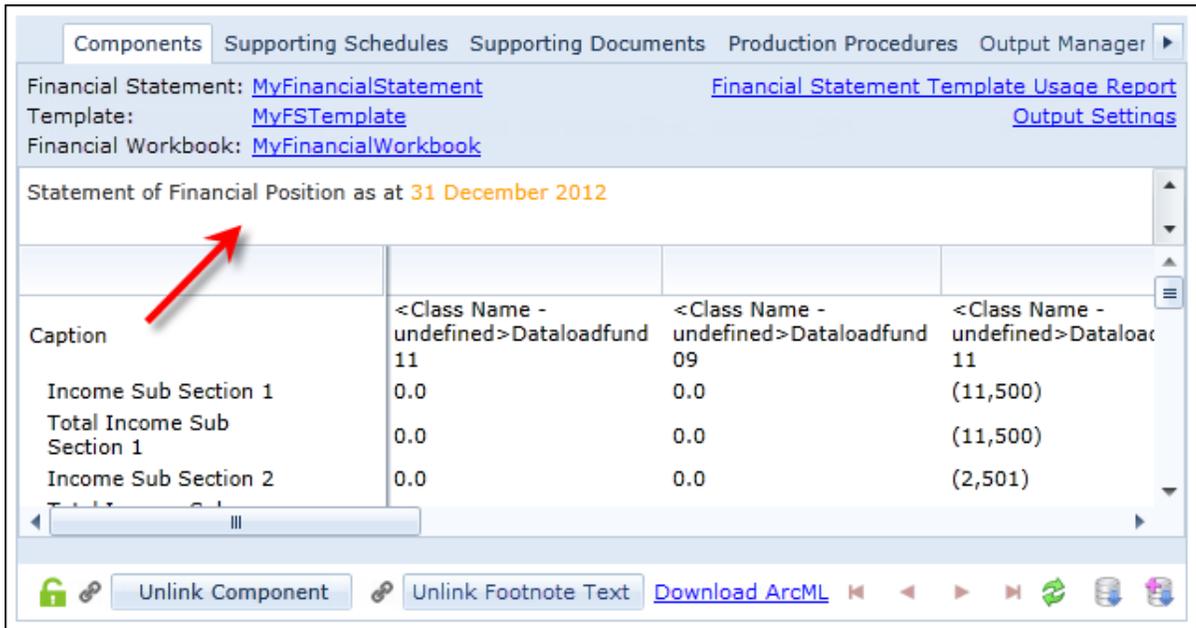
5. The **Financials** tab of the **Financial Workbook** page was updated to display the **Custom Heading** value.



Caption	<Class Name - undefined>Dataloadfund 11	<Class Name - undefined>Dataloadfund 09	<Class Name - undefined>Dataloadfund 11
Income Sub Section 1	0.0	0.0	(11,500)
Total Income Sub Section 1	0.0	0.0	(11,500)
Income Sub Section 2	0.0	0.0	(2,501)

- a. If a **Custom Heading** item is included in the financial statement's structure, a read-only multi-line text box is displayed beneath the drop-down lists at the top of the tab.
 - i. The specified heading text, or content of the specified text snippet, displays in the text box.
 - A. If plain heading text is specified, the paragraph type displayed in the text editor control is *Normal*.
 - B. If a text snippet is specified for heading text, any coloration applied to the snippet's content (*i.e.*, as a reference color, inserted data point, etc.) is displayed.
 - ii. The text box's height allows two lines of text to be visible.
 - iii. The text editor control will display a vertical and/or horizontal scrollbar, as needed, based on the number of lines of text in the specified caption or snippet, the length of the text and the page height and width.
6. The Excel export generated via the **Financials** tab of the **Financial Workbook** page was updated to include **Custom Heading** text, if included in the financial statement's structure.
 - a. The specified heading text is displayed within a single cell at upper-left of the Excel worksheet.

7. The **Components** tab of the **Project** page was updated to display the **Custom Heading** text defined for a given financial statement.



- a. If a **Custom Heading** item is included in the financial statement's structure, a read-only multi-line text box is displayed beneath the labels and links at the top of the tab.
 - i. The specified heading text, or content of the specified text snippet, displays in the text box.
 - ii. If plain heading text is specified, the paragraph type displayed in the text editor control is *Normal*.
 - iii. If a text snippet is specified for heading text, any coloration applied to the snippet's content (*i.e.*, as a reference color, inserted data point, etc.) is displayed.
 - iv. The text box's height allows two lines of text to be visible.
 - v. The text box will display a vertical and/or horizontal scrollbar, as needed, based on the number of lines of text in the specified caption or snippet, the length of the text and the page height and width.

Note:

- For spreads, the text box displays over each page of the spread.

- If the financial statement component is unlinked, the **Custom Heading** text does not display when the **Components** tab is in edit mode and, consequently, the text is not editable.

Additional Information

- Users will not be able to specify financial statement templates that contain a **Custom Heading** when inserting tables into footnote text via the **Footnote Libraries - General Ledger** page.
- Users will not be able to specify financial statement templates that contain a **Custom Heading** when inserting tables into portfolio statement templates via the **Portfolio Statement Templates** page.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

5. Ability to tag intercompany or related party transactions

RRD ID: 52635

Overview

Users can now tag holdings securities as intercompany or related party transactions via the **Holdings** tab of the **Fund Holdings** page. These tags can be referenced throughout FundSuiteArc, allowing users to automate notes to financials tables that contain this information.

What's New

1. **Related Party Transactions** and **Intercompany Transactions** columns were added to the grid on the **Holdings** tab of the **Fund Holdings** page.



Master Identifier	Caption	Related Party Transactions	Intercompany Transactions
131000024	MySecurity01	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91978823	MySecurity02	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- a. Each column's header is light blue in color, which denotes that they are security balance fields that do not synchronize with other funds that hold the security, but that roll forward from period to period.
 - b. Users can select the check box in either column to associate a given security with intercompany and/or related party transactions, respectively.
2. The existing Portfolio Statement Template Audit Report was updated to support auditing of the new **Intercompany Transactions** and **Related Party Transactions** attribute check box state.
 3. The following updates were made to the **Portfolio Statement Templates** page:
 - a. **Intercompany Transactions** and **Related Party Transactions** selections were added to the existing **Attribute** drop-down list on the **Add/Edit Exclusion Type** dialogue (invoked via the **Condensed** sub-tab to the **Statement Detail** tab for templates of type **Condensed**), for exclusions of type **Attribute**.

- b. *Intercompany Transactions* and *Related Party Transactions* selections were added to the existing **Field** drop-down list on the **Add/Edit Filter Exclusion** dialogue (invoked via the **Filter** sub-tab to the **Statement Detail** tab).
 - c. *Intercompany Transactions* and *Related Party Transactions* selections were added to the existing **Field** drop-down list on the **Add/Edit Filter Inclusion** dialogue (invoked via the **Filter** sub-tab to the **Statement Detail** tab).
 - d. *Intercompany Transactions* and *Related Party Transactions* selections were added to the existing **Column Name** drop-down list on the **Add/Edit Stacking Specification** dialogue (invoked via the **Stack** sub-tab to the **Statement Detail** tab for categories, category exceptions or groups).
 - e. Statement template export/import and copy functionality was updated to support the new **Intercompany Transactions** and **Related Party Transactions** fields.
4. **Intercompany Transactions** and **Related Party Transactions** data points were added to the list box on the **Data Points** tab of the **Portfolio Statement Template Output Settings** page, when **Security** is the specified data point type.
 5. *Intercompany Transactions* and *Related Party Transactions* selections were added to the **Field by which to group** drop-down list on the **Add Formula Element** dialogue (invoked via the **Calculation Sheets** tab of the **Financial Workbook Templates** page), for elements of type *Holdings Detail*.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

6. Ability to adjust horizontal totals for cross-holding investment

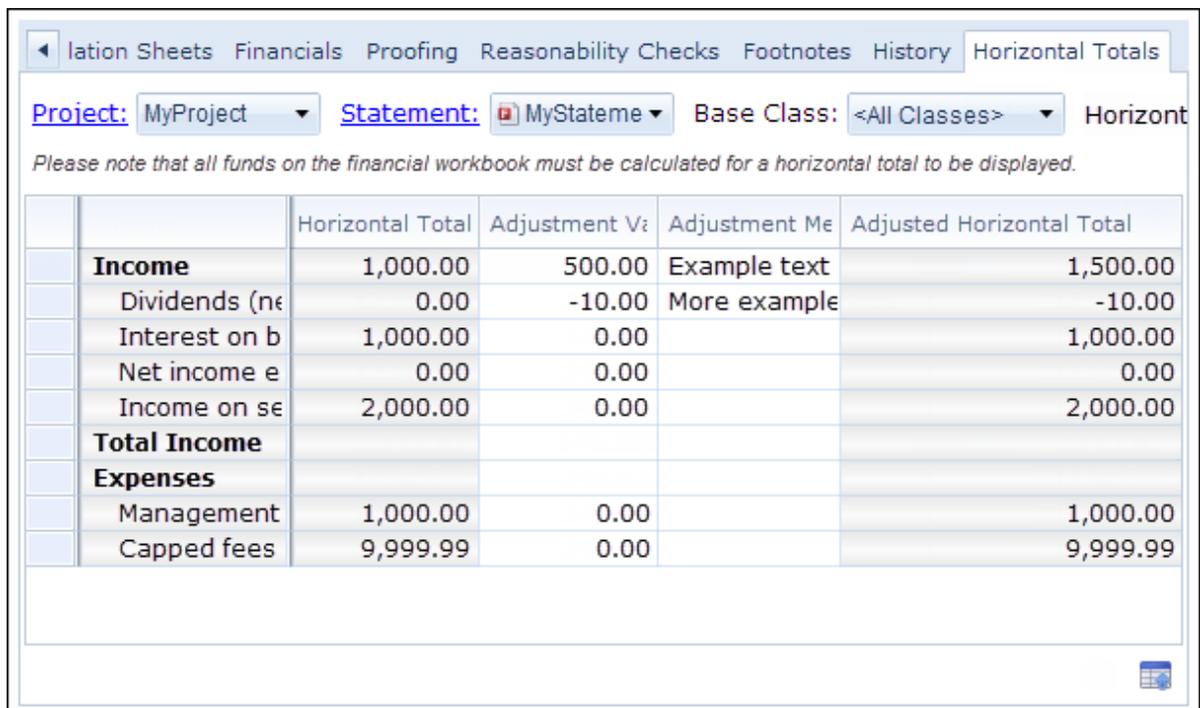
RRD ID: 52635

Overview

Users can now view and adjust current and prior period horizontal totals for financial statement templates. This functionality will allow users to modify the horizontal total to account for fund cross-holdings, mergers, etc.

What's New

1. An *Adjust Horizontal Totals* user right was added as a child to the existing *Open Financial Workbook Page* right.
 - a. Users that have this right will be able to make adjustments to certain values on the new *Horizontal Totals* tab of the **Financial Workbook** page.
2. A *Horizontal Totals* tab was added to the **Financial Workbook** page.



	Horizontal Total	Adjustment Va	Adjustment Me	Adjusted Horizontal Total
Income	1,000.00	500.00	Example text	1,500.00
Dividends (ne	0.00	-10.00	More example	-10.00
Interest on b	1,000.00	0.00		1,000.00
Net income e	0.00	0.00		0.00
Income on se	2,000.00	0.00		2,000.00
Total Income				
Expenses				
Management	1,000.00	0.00		1,000.00
Capped fees	9,999.99	0.00		9,999.99

Note:

This tab is only displayed if the *Enable horizontal totaling for workbook* check box is selected for the template associated with the workbook.

- a. A **Project** drop-down list is displayed at upper-left of the tab.
 - i. Available selections are projects that are associated with the currently-selected account period, whose template specifies use of the currently-selected fund via its **Funds** tab, and the use of the current financial workbook via its **Settings** tab.
 - A. *(none)* is the default selection if more than one project is listed in the drop-down list.
 - B. If there is only one project in the drop-down list, the default selection of the drop-down list is that project.
- b. A **Statement** drop-down list is displayed at right of the **Project** drop-down list.
 - i. Available selections are all financial statements (standard- and pivoted-orientation) in use in the selected project and language.
 - A. *(none)* is the default selection if more than one statement is listed in the drop-down list.
 - B. If there is only one statement in the drop-down list, the default selection of the drop-down list is that statement.
 - ii. Only statements contained in chapters relevant to the currently-selected fund are displayed (*i.e.*, *All Funds - Single* or *All Funds - Repeat* [for that fund only] for spreads).
- c. A **Base Class** drop-down list is displayed at right of the **Statement** drop-down list.
 - i. Available selections are as follows:
 - A. *<All Classes>* (default selection)
 - B. *<the Base Class Name value of each base class represented by the class(es) associated with the currently-selected fund, in alphabetical order>*

Note:

Classes associated with the selected fund will display even if those classes do not display on the selected financial statement.

- d. A **Horizontal Total** drop-down list is displayed at right of the **Base Class** drop-down list.
 - i. All possible selections are as follows:
 - A. *Horizontal Total Period 1* (default selection)
 - B. *Horizontal Total Period 2*
 - C. *Horizontal Total Period 3*
 - D. *Horizontal Total Period 4*
 - E. *Horizontal Total Period 5*
 - ii. Available selections are based on the account period types associated with the current financial statement template.

Example:

If a financial statement template only has *Current Account Period* and *Fiscal Year End 1st prior*, the drop-down list selections are filtered to only *Horizontal Total Period 1* and *Horizontal Total Period 2*.

- iii. Numeric values in the grid on the tab update automatically when the drop-down list selection is changed.
- e. A grid is displayed beneath the **Project**, **Statement**, **Base Class** and **Horizontal Total** drop-down lists.
 - i. The values in the grid reflect those associated with the specified account period, **Balance Type** and **Horizontal Total**.

Note:

If the specified account period is closed, all columns of the grid are read-only.

- ii. The following columns are displayed in the grid, in the following order from left-to-right:
 - A. <no column header label>
 - 1. Cells in this column are read-only.
 - 2. Cells in this column display the name/caption of the statement line item.

3. Text in this column is displayed in bold text for rows that represent sections and section totals.

B. *Horizontal Total*

1. Cells in this column are read-only.
2. The value for any given cell in the column represents the calculated horizontal total of the line item (*i.e.*, the final rounded and footed value that will display in output).
3. If the current workbook has never been calculated, all values in the column are *0.00*.

C. *Adjustment Value*

1. Cells in this column are editable for users that have the *Adjust Horizontal Totals* user right via one or more assigned user roles. If a user does not have this right, the cells in the column are read-only.
2. The default value for all cells in rows representing detail line items is *0.00*.
3. If a user had previously entered values in any cells of the grid for the specified account period, *Balance Type* and *Horizontal Total*, those values are displayed in the grid.
4. Users can enter any numeric value in any cell of a row representing a detail line item.
5. The adjustment value specified is considered to be at the exchange rate of the horizontal total (*i.e.*, it is a one-to-one adjustment, with no conversion).

Note:

Any adjustments made to prior periods (even if they are closed) will be pushed to those periods for output purposes, similar to functionality associated with the *History* tab. If users do **not** wish for these changes to be pushed to the prior period, they must ensure that the period's project is **locked**.

D. *Adjustment Memo*

1. Cells in this column are editable for users that have the *Adjust Horizontal Totals* user right via one or more assigned user roles. If a user does not have this right, the cells in the column are read-only.
2. All cells in rows representing detail line items are <blank> by default.
3. If a user had previously entered values in any cells of the grid for the specified account period, *Balance Type* and *Horizontal Total*, those values are displayed in the grid.
4. Users can enter any alphanumeric value in any cell of a row representing a detail line item.
5. The maximum character length of the cell is 1024.

E. *Adjusted Horizontal Total*

1. Cells in this column are read-only.
2. The value for any given cell in the column represents the calculated *Horizontal Total* value of the line item, plus the specified *Adjustment Value* value for that line item.
3. If an update is made to any *Adjustment Value* value, the corresponding *Adjusted Horizontal Total* value refreshes to reflect the adjusted value (*i.e.*, *Horizontal Total* value + *Adjustment Value* value).

Note:

No vertical totaling takes place.

- iii. Pivoted statements display in standard orientation in the grid.
- iv. Numeric values in the grid update automatically when any of the drop-down list selections on the tab is changed.
- v. Numeric values in the grid update automatically if/when a user updates values in calculation sheet items associated with the currently-selected *Statement*, and then recalculates the financial workbook.

- vi. All adjustments are stored per project, representing values for that period for that group of funds.
 - vii. The columns in the grid may not be re-ordered by the user.
 - viii. The columns in the grid do not allow for data filtering.
 - ix. Users may not click column headers for the purpose of sorting data in the grid.
 - x. Users may not group data in the grid.
 - xi. A horizontal split bar is positioned by default after the first column of the grid.
 - A. Users can grab the split bar by clicking and holding the left mouse button, and then drag it to any column further left or right in the grid.
 - xii. A standard **Export data** button is displayed at lower-right of the grid.
- f. If the workbook's account period is open for the complex, then the calculation engine will recalculate and foot the numbers that display on each **Working Trial Balance** tab, and on the **Calculation Sheet** tab.
- i. The result of these calculations is stored to the database.
 - ii. Each time the numbers are recalculated, the numbers in the database are updated.
 - iii. The order of calculations is as follows:
 - A. Working trial balances.
 - B. Portfolio statement templates referenced by the financial workbook.
 - 1. The first step when calculating a portfolio is to verify that the working trial balance is in a **Calculated** state.
 - C. Calculation sheets.
 - D. Horizontal totals.

- g. If the workbook's account period is closed for the complex, then the calculation engine will not run at all; the numbers are pulled from the database and displayed on the page. These numbers will represent the result of the calculation engine when it ran for the last time while the account period was open for the complex. These values are "locked down" (read-only).

Note:

Users with proper permissions can edit the numbers for closed account periods via the **History** tab. In this case the numbers that display in the trial balance will display based on the edited numbers for that closed period.

- h. When displaying values (project preview and document output), the following horizontal total data points pull their values from the **Adjusted Horizontal Total** column of the **Horizontal Totals** tab on the **Financial Workbook** page:
- i. *Horizontal Total Period 1*
 - ii. *Horizontal Total Period 2*
 - iii. *Horizontal Total Period 3*
 - iv. *Horizontal Total Period 4*
 - v. *Horizontal Total Period 5*

Process Changes

No changes to current processes are required.



[Demonstration video](#)

7. Ability to view and map to any column of a multi-column calculation sheet

RRD ID: 55636

Overview

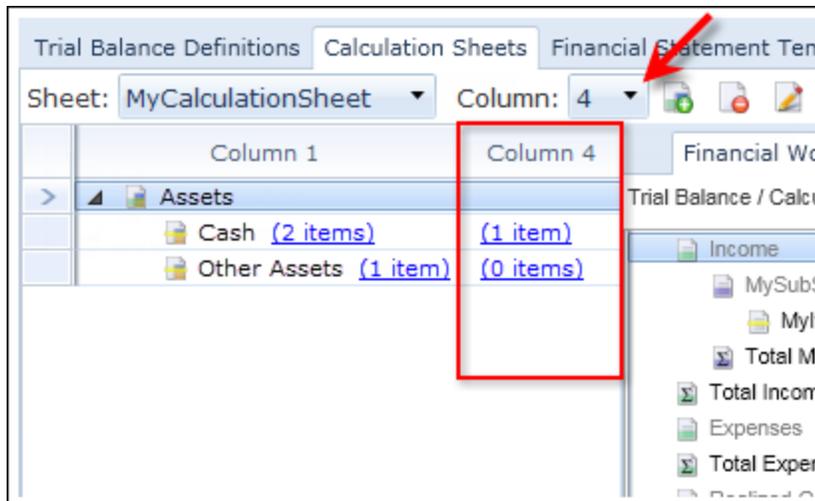
Users can now preview the mappings of columns other than **Column 1** via the **Calculation Sheets** tab of the **Financial Workbook Templates** page, for multi-column calculation sheets. Users can switch between columns to view the number of items contained in the specified column.

What's New

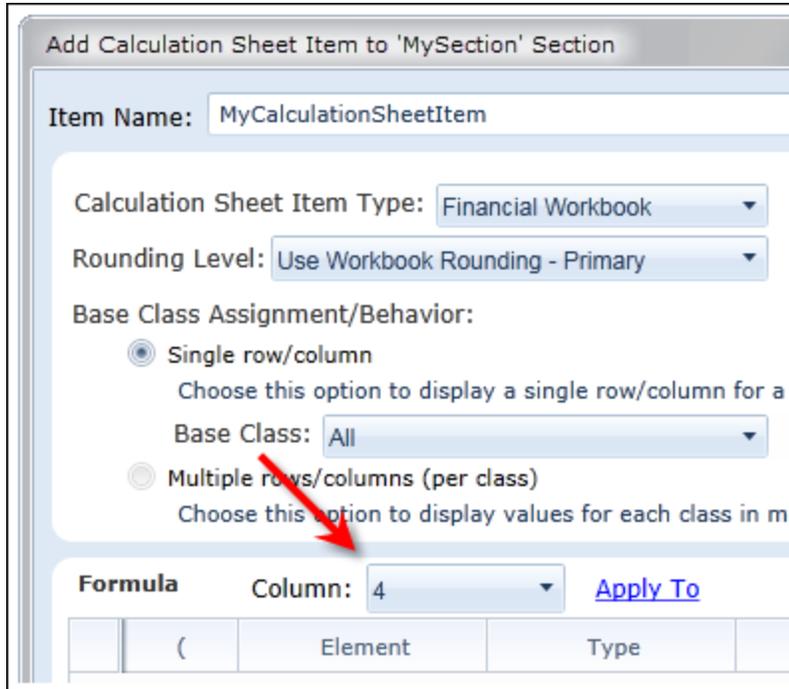
A **Column** drop-down list was added to the **Calculation Sheets** tab of the **Financial Workbook Templates** page, which allows users to preview the mapping details of additional columns (*i.e.*, 2-10) in the grid on the tab.



1. The additional column preview displays the specified column number, as well as the number of items mapped to that column.



- a. Users can map items to the specified column (*i.e.*, 2-10) via the existing drag-and-drop functionality in FundSuiteArc.
- b. Users can click the hyperlink in the column for any calculation sheet item to view/edit mapping information for the specified column via the **Edit Calculation Sheet Item** pop-up dialogue.



Add Calculation Sheet Item to 'MySection' Section

Item Name: MyCalculationSheetItem

Calculation Sheet Item Type: Financial Workbook

Rounding Level: Use Workbook Rounding - Primary

Base Class Assignment/Behavior:

- Single row/column
Choose this option to display a single row/column for a
- Multiple rows/columns (per class)
Choose this option to display values for each class in m

Base Class: All

Formula Column: 4 [Apply To](#)

	(Element	Type	

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

8. Ability to edit closed-period financial balances for which no balance set exists

RRD ID: 63664

Overview

Users can now edit historical values on the **History** tab of the **Financial Workbook** page in closed periods for which no previous balance set existed. In addition, a new **Rounding Level** column was added to display which rounding level was in place the last time values were calculated in an open period.

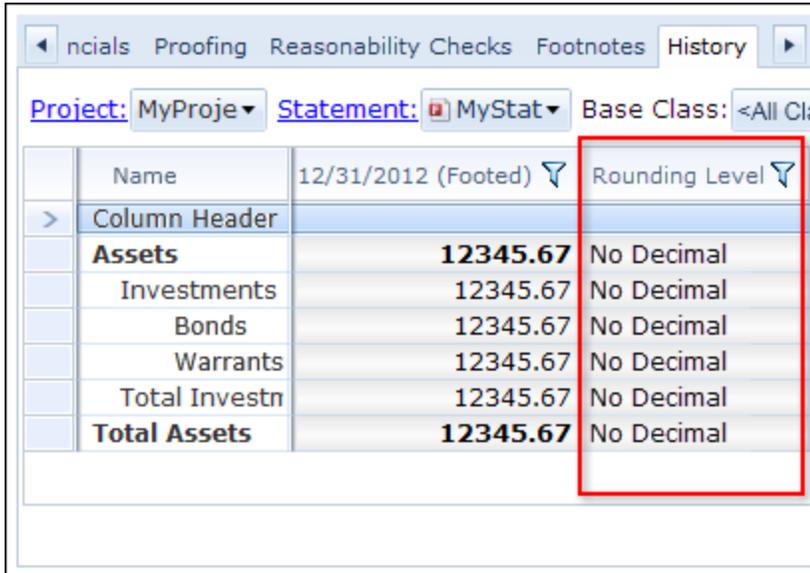
What's New

1. Users can now edit historical values for closed account periods for which no balance set exists via the **History** tab of the **Financial Workbook** page. This was not possible in previous versions of FundSuiteArc; the grid on the tab was not accessible for editing.
 - a. After a user makes updates to one or more values and clicks the **Save** button at lower-right of the page, a balance set for the period is automatically created.

Note:

A user can only manually update the values in order to create the balance set. If a user tries to import a the values into the **History** tab, a balance set is not created and values will not be updated.

2. A **Rounding Level** column was added to the grid on the **History** tab of the **Financial Workbook** page.



The screenshot shows a software interface with tabs: 'ncials', 'Proofing', 'Reasonability Checks', 'Footnotes', and 'History'. Below the tabs are filters: 'Project: MyProje', 'Statement: MyStat', and 'Base Class: <All Cl:'. A table is displayed with the following data:

Name	12/31/2012 (Footed)	Rounding Level
Column Header		
Assets	12345.67	No Decimal
Investments	12345.67	No Decimal
Bonds	12345.67	No Decimal
Warrants	12345.67	No Decimal
Total Investn	12345.67	No Decimal
Total Assets	12345.67	No Decimal

- a. This column displays the rounding level for each line item as of the last time the statement was calculated.
 - i. When **Footed** is the specified **Value Type** selection, users can designate the rounding level for each line item in a closed period; the column is read-only when either **Raw** or **Rounded** is the specified **Value Type** selection.
 - A. If a user makes a change to the **Footed** rounding level for a given line item, that rounding level is also displayed for both the **Raw** and **Rounded** value type for the line item.
 - B. A tool tip displays when the cursor moves over the **Value Type** drop-down list to indicate that the rounding level can only be changed for the **Footed** value type.

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

9. Default horizontal total exchange rate setting for calculation sheets

RRD ID: 66202

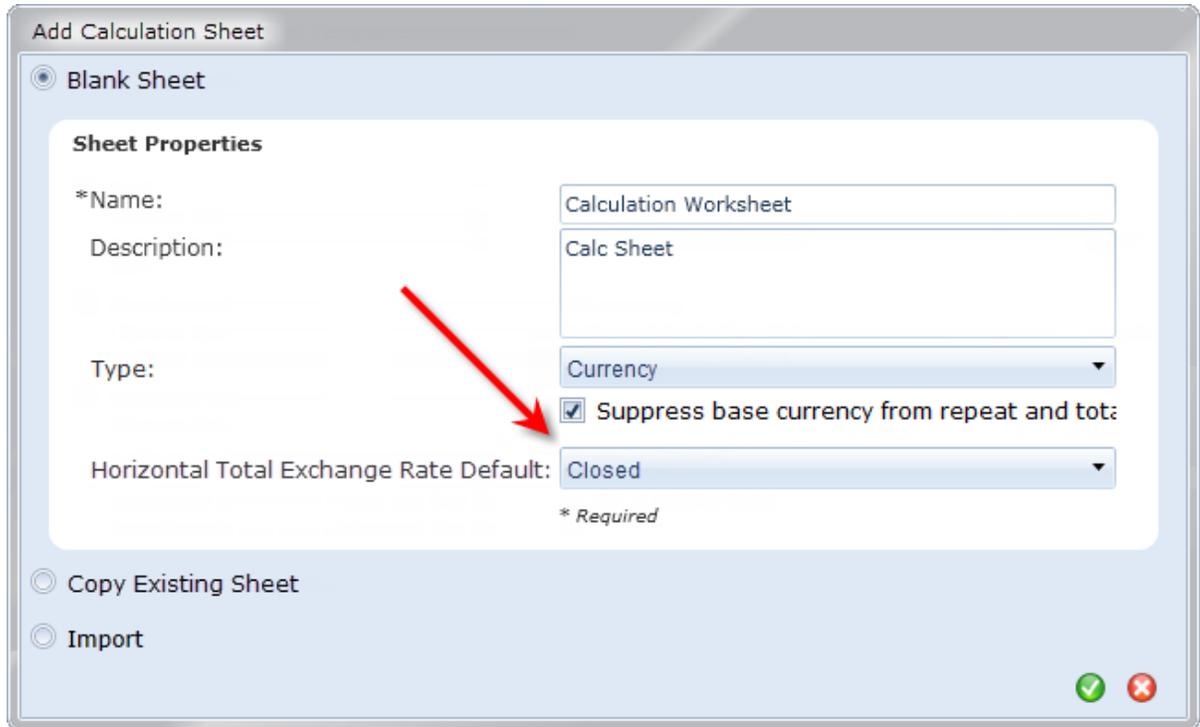
Overview

FundSuiteArc was enhanced to allow users to designate a default **Horizontal Total Exchange Rate Type** at the calculation sheet level, when horizontal totaling functionality is enabled in the associated financial workbook template. Once the default exchange rate type is specified, any new items added to the calculation sheet will automatically be set to use it.

What's New

In previous versions of FundSuiteArc, users had to specify the **Horizontal Total Exchange Rate Type** for each item added to a given calculation sheet. In version 2.4.0, users can designate a default exchange rate type at the calculation sheet level, which will be applied to each calculation sheet item that has its rate type set to *Use default*.

1. A **Horizontal Total Exchange Rate Default** drop-down list was added to the existing **Add Calculation Sheet** dialogue (invoked via the **Calculation Sheets** tab of the **Financial Workbook Templates** page), in association with the **Blank Sheet** option.

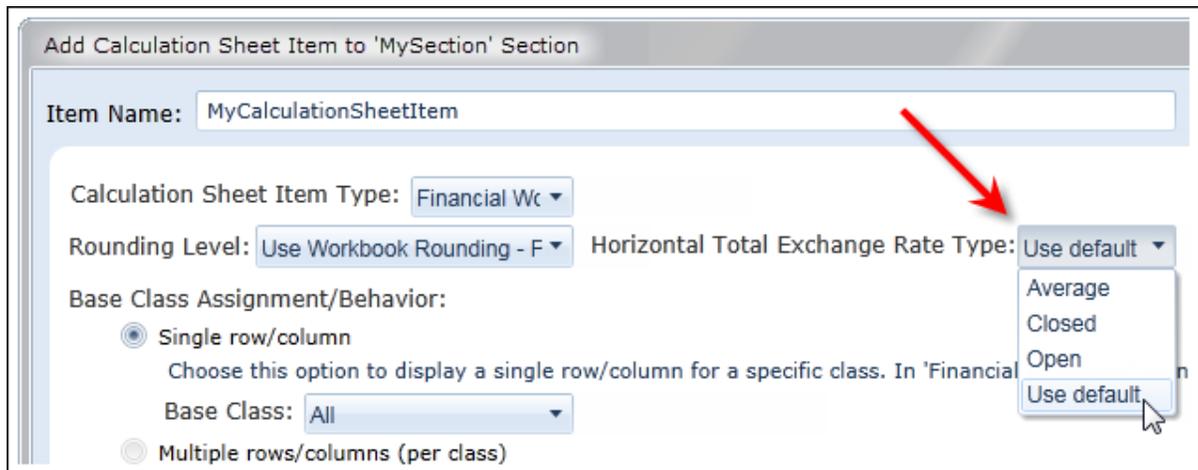


Note:

- The drop-down list only displays when the **Enable horizontal totaling for workbook** check box is selected for the current template via the **Horizontal Totaling** tab of the page.
- The drop-down list does **not** display when **N-SAR** is the specified **Type** selection.

2. Users can specify one of the following exchange rate types:
 - a. **Closed** (default selection)
 - b. **Open**
 - c. **Average**

3. A *Use default* selection was added to the existing **Horizontal Total Exchange Rate Type** drop-down list on the **Add/Edit Calculation Sheet Item** dialogue (invoked via the **Calculation Sheets** tab of the **Financial Workbook Templates** page).



- a. When a user adds a new calculation sheet item, the *Use default* selection is automatically specified, such that the item will use the exchange rate type designated at the calculation sheet level.
 - i. Users can specify a different exchange rate type for each item, if desired.

Note:

Upon database update to 2.4.0, the **Horizontal Total Exchange Rate Type** drop-down list selection will be set to *Use default* for any existing calculation sheet item whose selection had been *Closed*; the drop-down list selection will remain unchanged for any calculation sheet item previously set to *Open* or *Average*.

4. The **Calculation Sheet Template Audit Report** page and associated output file were updated to reflect any changes made with respect to the default horizontal total exchange rate type.
 - a. **Horizontal Total Exchange Rate Default** was added as a possible **Sub Type** value for report rows representing an **Action Type** of either *Add Calculation Sheet* or *Edit Calculation Sheet* (i.e., when horizontal totaling is enabled for a given workbook and a change is made to the **Horizontal Total Exchange Rate Default** drop-down list selection as a user adds or edits a calculation sheet).
 - b. A value of *Use default* will now display in the **Before** or **After** column of the report for rows with a **Sub Type** value of **Horizontal Total Exchange Rate Type**, when that selection was or is specified in the **Horizontal Total Exchange Rate Type** drop-down list as a user adds/edits a calculation sheet item.

Process Changes

No changes to current processes are required.



[Demonstration video](#)

10. Ability to specify market value calculation basis for any category, group or exception level

RRD ID: 66205

Overview

Users now have the ability to define the **Market Value Calculation Basis** at any level of category, category exception or group. In previous versions of FundSuiteArc, the ability to define **Market Value Calculation Basis** was limited to the outermost level of category, category exception or group.

What's New

The **Market Value Calculation Basis** grid in the **Settings** section of the **Statement Detail** tab on the **Portfolio Statement Templates** page now displays a clickable link in the **Basis** column for all category, category exception, group, and group exception levels for the **Total Investments** statement node (not just for the outermost level).

Settings

Item Type: Total Investments [Output Settings](#) 

Total Investments Captions

Change Caption Based on: Account Period

	Language	Caption	
>	English	Total Investments	
	Spanish	Inversión Total	

Market Value Calculations Basis ⓘ

		Basis
	Asset Type	Market Value
	Security Type	Market Value
	Country	Market Value
	SHORT-TERM INVESTMENTS	Market Value
	Security Type	Market Value
	Credit Default Swaps	Unrealized Value



1. All existing calculation basis settings at the outermost level will remain "as is" following database update to version 2.4.0.
2. Upon database update to 2.4.0, all existing calculation basis settings for inner categories, exceptions and/or groups will default to the **Basis** setting that is currently specified for the parent category/exception/group.
3. Following database update to 2.4.0, users can click the **Basis** link at any level to invoke the **Edit Calculations Basis** pop-up dialogue and specify the appropriate setting (i.e., [Market Value](#), [Market Value Ask](#), [Market Value Bid](#) or [Unrealized Value](#)).

Process Changes

No changes to current processes are required.

 [Demonstration video](#)

11. Increased maximum "Rows Per Page" value for Fund Holdings page

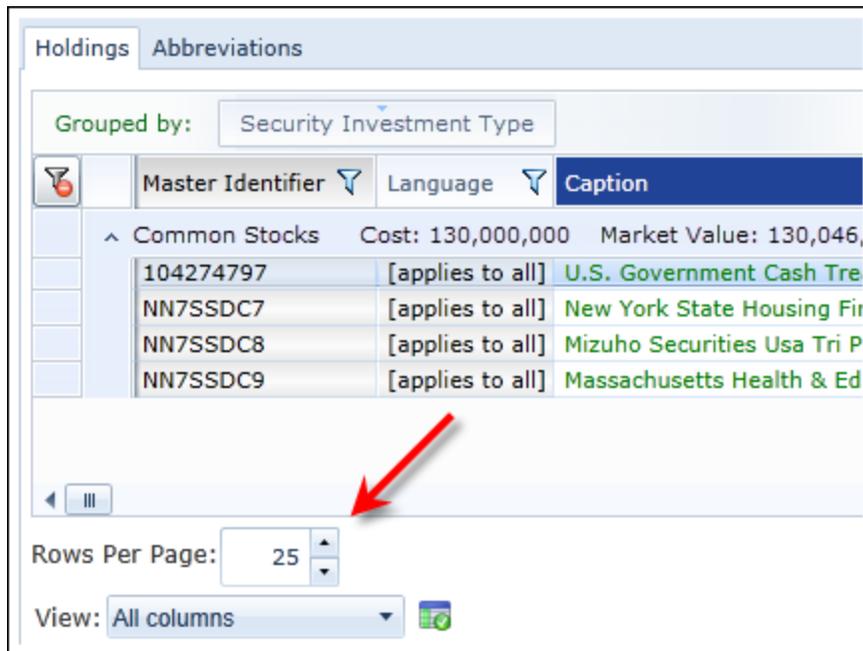
RRD ID: 84321

Overview

In previous versions of FundSuiteArc, users could not display more than 1,000 rows per page in the grid on the **Holdings** tab of the **Fund Holdings** page. Consequently, it was not always possible to view or export the complete set of holdings for particularly large funds.

What's New

Users can now specify a maximum of 10,000 rows in the **Rows Per Page** spinner control at lower-left of the **Holdings** tab on the **Fund Holdings** page. This allow users to return a complete set of holdings for large funds to the **Fund Holdings** page, if needed.



Note:

The amount of data requested (*i.e.*, rows per page and number of columns) will impact the amount of time the grid will take to update and display the data. Therefore, the **Rows Per Page** spinner is set to **25** by default, which allows for consistent performance when opening the **Fund Holdings** page.

The following behaviors/functionality on the **Holdings** tab of the page remain unchanged:

1. When the tab is clicked/opened the first time, the default value of the **Rows Per Page** spinner is **25**.
2. The minimum possible value of the **Rows Per Page** spinner is **25** (any value less than **25** is not allowed).
3. When the user clicks either the **Increase value** or **Decrease value** buttons of the **Rows Per Page** spinner control, the spinner value is incremented/decremented by **25** (*e.g.*, when incrementing the value changes from **25** to **50**, to **75**, to **100**, etc.).

Process Changes

No changes to current processes are required.



[Demonstration video](#)

12. Additional support for class-level supplemental data values and data types

RRD ID: 90701

Overview

In version 2.3.0, support for class-level supplemental data and additional data point types (*i.e.*, *text* and *date*) were added. Certain features were not included at that time, but were subsequently added in version 2.4.0.

What's New

1. A **Class Code** column was added to the grid on the **Details** tab of the **Archive Details** page, when viewing data for loads of type *Supplemental Data*.
2. The Excel file downloaded via the **Export data** button on the **Supplemental Data** tab of the **Financial Workbook** page now supports class-level data points by displaying an additional row per class. The file also supports an additional row for all three data point types (*i.e.*, *text*, *date* and *numeric*).
3. The existing Financial Workbook Supplemental Data Export file (generated via the **Supplemental Data** tab of the **Financial Workbook** page) now displays each class-level data point as a separate row.
4. Several worksheets in the existing Financial Workbook Export file (generated via the **Financial Workbook** page) were enhanced to support class-level supplemental data points.
 - a. The **Supplemental Data** worksheet was updated as follows:
 - i. Supplemental data points of types *text* and *date* are now supported/exported.
 - ii. Each class-level data point displays as a separate row.
 - iii. A **Class** column was added to identify the class name for each row that displays a class-level data point; fund-level data points display the term *None/All*.
 - iv. Data in the worksheet is sorted by **Item Name**, then by **Class** values.
 - b. When a user adds a class-level supplemental data point to a trial balance line item, the data point will now appear as a row per class under the line item in the (**All Classes**) trial balance worksheet, and as a single row in each respective class-level trial balance worksheet in the export file.

5. The existing Supplemental Data Audit Report now captures the import of fund-level data points of types *text* and *date* into FundSuiteArc.
6. A **Class Name** column was added to both the preview grid of the **Supplemental Data Audit Report** page, and to the export file of the report.
 - a. The class name for each class-level supplemental data point that appears in the report displays in the column.
 - b. Fund-level data points display the term *None/All* in the column.

Process Changes

No changes to current processes are required.



[Demonstration video](#)



Closed Defects

The following issues were addressed in this release of FundSuiteArc products.

Product	RRD ID	Module/Location	Description
ArcReporting	20140 (IM14-014980)	Project	Fixed a defect that prevented the Number of Funds from evaluating correctly in text snippets using conditional data points.
ArcReporting	20502 (IM13-358199)	Dataload	Fixed a defect that caused General Ledger dataloads to fail if the data source file contained new accounts at the currency level.
ArcReporting	24675	Holdings Batch Replace	Fixed a defect that caused the Select all feature to select all items meeting the specified search criteria, including any that were removed from the grid by means of applying a column filter.
ArcReporting	26542 (IM14-174588, IM15-036201)	Footnote Libraries - General Ledger	Fixed a defect that prevented conditional footnotes from evaluating within financial footnotes.
ArcReporting	47065	Financial Workbook	Corrected a defect that caused an application "white screen" crash if the name of a given class across calculation sheets contained a dash (-).
ArcReporting	61367 (IM15-195058)	Tabular Data Template Output Settings	Fixed a defect that removed mapped data points from cells when the cells were spanned.
ArcReporting	62584 (IM15-203631)	Portfolio Statement Template Output Settings	Fixed a defect that caused all rows within a column header to span if one row's span settings were edited.
ArcReporting	64419 (IM15-238551)	Text Snippet Audit Report	Fixed a defect in which users were not able to generate the Text Snippet Audit Report when specifying [All] as the search criteria selection for both Editing User and Snippet Name .

Product	RRD ID	Module/Location	Description
ArcReporting	65383 (IM15-259730)	Project Templates	Fixed a defect that caused the available fund(s) for a given financial statement in a project to be missing in the Funds to Display list box on the Item Detail sub-tab of the Project Templates page.
ArcReporting	66207	Financial Statement Template Output Settings	Fixed a defect concerning line items that contained current and prior period values in which zero suppression was applied. FundSuiteArc will no longer suppress the line item if the prior period contains a value greater than 0 and the current period contains a value less than 0.
ArcReporting	66621 (IM15-242344)	Project	Fixed a defect that resulted in no indicator (?) display for page/note references within text snippets, when previewed via the Project page.
ArcReporting	66858 (IM15-278828)	Project Templates	Fixed a defect in which the horizontal total was calculated incorrectly when the Selected fund(s) option was specified for a given financial statement in the Funds to Display section of the Item Detail sub-tab on the Project Templates page.
ArcReporting	66870	Financial Statement Template Output Settings	Fixed a defect that prevented suppression settings being copied to a new template after using the financial statement template copy feature.
ArcReporting	66995 (IM15-275459)	General Ledger Transactions	Fixed a defect that prevented the users from using the search functionality on manually-entered journal entries.
ArcReporting	68040	Financial Workbook	Fixed a defect wherein the total column of a multi-column calculation sheet was not adjusted on the Calculation Sheets tab of the Financial Workbook page when a user decreased the number of columns within it via the associated template.

Product	RRD ID	Module/Location	Description
ArcReporting	68043	Financial Workbook	Fixed a defect that caused column 10 of a multi-column calculation sheet to display before column 2 in the grid on the Calculation Sheets tab of the Financial Workbook page.
ArcReporting	68050	Attribute Usage Report	Fixed a defect that prevented the Attribute Usage Report from outputting values when user applied a Fund Group filter to the report.
ArcReporting	68392 (IM15-311550)	Custom Data Point Libraries	Fixed a defect wherein custom conditional data point return values did not respect fund-level rounding.
ArcReporting	68477 (IM15-317913)	Security Libraries	Fixed a defect that prevented users from utilizing the Issuer drop-down list on the Edit Security Caption dialogue, via the Security Libraries page.
ArcReporting	68568 (IM15-306502)	Financial Statement Template Output Settings	Fixed a defect that caused incorrect output for statements with class repeat sections.
ArcReporting	68672 (IM15-313329)	Portfolio Statement Template Output Settings	Fixed a defect that reverted user-specified formatting on data points of type Date (e.g., maturity, reset, etc.).
ArcReporting	68689 (IM15-308546, IM15-419717)	Portfolio Statement Template Output Settings	Fixed a defect that prevented users from adding more than one column header row to a statement node.
ArcReporting	68836 (IM15-240564)	Financial Statement Template Output Settings	Fixed a defect that caused cell-level formatting to be overwritten with the formatting of the first row, when multiple rows were assigned to a single statement node.

Product	RRD ID	Module/Location	Description
ArcReporting	80681 (IM15-294847)	Portfolio Statement Template	Fixed and defect that caused an on-screen error message to display when portfolio statements performed consolidation logic.
ArcReporting	83605 (IM15-338336)	Financial Workbook	Fixed a defect that caused column mapping to incorrectly repeat for each column within a given multi-column calculation sheet.
ArcReporting	84325 (IM15-278828)	Project Templates	Fixed a defect wherein the system calculated a horizontal total for all funds in a given workbook; not just the funds assigned to a statement.
ArcReporting	85248 (IM15-348866)	Global Holdings Review	Fixed a defect that caused an on-screen error message to display if a user searched for securities with <i><All></i> as the specified <i>Investment Type</i> filter.
ArcReporting	88485 (IM15-356247)	Financial Workbook	Fixed a defect that caused calculation sheets to not respect fund-level rounding settings.
ArcReporting	88759 (IM15-130506)	Portfolio Statement Template Output Settings	Fixed a defect that prevented single security logic from outputting correctly when dealing with multiple category exceptions.
ArcReporting	89079 (IM15-374165)	Portfolio Statement Templates	Fixed a defect that caused currency exclusions to be ignored within currency legends.
ArcReporting	90278	Custom Data Point Libraries	Fixed a defect that inserted additional spaces to custom conditional data point return values.
ArcReporting	90280	Custom Data Point Libraries	Fixed a defect that prevented conditions evaluating when using the <i>Semi-Annual</i> account period type as a condition.

Product	RRD ID	Module/Location	Description
ArcReporting	90347 (IM15-393934)	Financial Statement Template Output Settings	Fixed a defect that ignored the raw setting of zero suppression for financial statement templates.
ArcReporting	90350 (IM15-392658)	Portfolio Statement Templates	Fixed a defect that caused secondary portfolio statements to ignore the rounding of the primary statement when set to pull from primary calculations.
ArcReporting	90355	Portfolio Statement Templates	Fixed a defect that caused blank rows to be inserted into the grid on the Aggregate sub-tab, which users could not subsequently delete.
ArcReporting	90640	Calculation Sheet Account Mapping Audit Report	Fixed a defect that displayed calculation sheets of type Conditional in the incorrect order.
ArcReporting	90650	Project	Fixed a defect that caused return values for static and custom conditional data points of type System Data Point to display as zero, if the user specified fund-level rounding for the return data point.
ArcReporting	90706 (IM15-407699)	Project Templates	Fixed a defect that removed all project template assignments when syncing with a document structure template.
ArcReporting	90737 (IM15-410900)	Financial Workbook Templates	Fixed an issue with the Available Items sub-tab for financial statement templates, which caused the scroll bar to go off screen (<i>i.e.</i> , to not be visible).
ArcReporting	91217 (IM15-416181)	Financial Workbook	Fixed issues with entering historic data to trial balances, which caused error messages to display.

Product	RRD ID	Module/Location	Description
ArcReporting	91500 (IM15-420429)	Project	Fixed a defect that caused static and custom conditional data points to return as <i>undefined</i> if no return values were specified.
ArcReporting	91583 (IM15-416126)	Project	Fixed a defect that caused static conditional data points to return as <i>undefined</i> when a <i>Snippet</i> return value was specified.
ArcReporting	91811 (IM15-419726)	Financial Workbook	Fixed a defect that caused historical uploads to mismatch on rounding level of calculation sheets.
ArcReporting	92462 (IM15-440391)	Financial Workbook	Fixed an issue wherein the financial statement template preview does not populate class data if the class Load Code(s) value is not specified via the Funds page.
ArcReporting	95965 (IM15-439827)	Financial Workbook	Fixed a defect within the class balance load preview.
ArcReporting	95966 (IM15-440796)	Financial Workbook	Fixed an issue that prevented historical data from being entered correctly.
ArcReporting	96107 (IM15-452328)	Portfolio Statement Template Output Settings	Fixed defects that caused an error message to display when trying to suppress rows based on fields containing <i>NULL</i> values.
ArcReporting	96972 (IM15-457898)	Portfolio Statement Templates	Fixed a defect that prevented formula names from updating in the statement until a new node was added to the structure.

Product	RRD ID	Module/Location	Description
ArcReporting	97890 (IM15-432676)	Financial Workbook	Fixed a defect that did not update the calculation status of the financial workbook when uploading supplemental data.
ArcReporting	98187 (IM15-465048)	Document Structure Templates	Fixed an issue that caused the Push Template Changes dialogue to erroneously display on screen when users saved a template that was not attached to a project template.
ArcReporting	98212 (IM15-433210)	Portfolio Statement Template Output Settings	Fixed an issue that caused all subtotals to be spanned, when users specified the spanning of only one.
ArcReporting	98269 (IM15-427926)	Portfolio Statement Templates	Fixed a defect that had removed <i>Currency Code (security)</i> from the list of fields on which to aggregate.
ArcReporting	98462 (IM15-445477)	Project Templates	Corrected a defect that displayed all funds on each page of a spread regardless of what settings the user specified.
ArcReporting	99060 (IM15-480178)	Text Snippet Usage Report	Fixed a defect that prevented libraries with <i>(Any)</i> specified for its Production Team from appearing in the Text Snippet Usage Report.
ArcReporting	99251 (IM15-426455)	Portfolio Custom Sort Profiles	Fixed a defect that allowed users view portfolio custom sort profiles associated with any complex, even if they did not have access to a given complex.
ArcReporting	99783 (IM15-443588)	Shared Legend Templates	Fixed a defect that prevented shared legends from populating correctly when templates are shared between multiple shared legends.

Product	RRD ID	Module/Location	Description
ArcReporting	99785 (IM15-483910)	Project Output	Fixed a defect that allowed bad data to be stored in the SQL database, which caused blacklining to fail.
ArcReporting	101016 (IM15-461098)	Financial Statement Template Mapping Audit Report	Fixed a defect that caused invalid error messages to display in the Output Queue.
ArcReporting	101406 (IM15-502764)	Project	Fixed a defect for <i>All Funds - Repeat</i> groups, whereby values for data points output multiple times in financial statements, based upon the number of funds within the repeat group.
ArcReporting	101796 (IM15-466142)	Fair Value Reports	Fixed a defect that caused footing of fair value tables to be incorrect.
ArcReporting	102434 (IM15-553548)	Financial Workbook	Corrected a defect that caused calculation sheets to pull in the same value for holdings category (<i>i.e.</i> , market value ask and market value bid always return market value).
ArcReporting	102984 (IM15-645103)	Financial Workbook	Fixed a defect that did not set all funds to <i>not calculated</i> after a user changed mapping via the Financial Workbook page.
ArcReporting	105906 (IM15-656024)	Financial Statement Template Output Settings	Fixed a defect that prevented advanced suppression from evaluating when using the <i>Semi-Annual</i> account period type as a condition.
ArcFiling/ ArcReporting	26840	Fund Holdings	Corrected a defect that caused duplicate securities to display on the Holdings tab of the Fund Holdings page following a push-button (Excel) data import, if the affected securities had previously been manually added to the fund.

Product	RRD ID	Module/Location	Description
ArcFiling/ ArcReporting	66208 (IM15- 050212)	Securities Audit Report	Fixes were implemented to ensure that user-defined filtering settings within the Securities Audit Report are reflected in report output.
ArcFiling/ ArcReporting	83604 (IM14- 348932)	Project Output	XML generation was modified to ensure that existing hyperlinks and any newly-added hyperlinks are properly tagged and display as expected.
ArcFiling/ ArcReporting	90173 (IM15- 267998)	Project	Spanned cells of portfolio statements that did not previously display correctly in statement preview via the Project page were updated to display as expected.
ArcFiling/ ArcReporting	90802 (IM15- 414154)	Securities Audit Report	Fixed defects that caused fund and category exceptions to be excluded from the report.



Closed Defects - SP2

The following issues were addressed in the 2.4.0 Service Pack 2 release of FundSuiteArc products.

Product	RRD ID	Module/Location	Description
ArcReporting	110355	Financial Workbook Templates	Fixed a defect that caused portfolio statement formula items' market value level 1, 2 and 3 to display as <i>0.00</i> , when pulled into a calculation sheet.
ArcReporting	110356	Financial Workbook Templates	Fixed a defect that prevented the ability to suppress financial statement template items based on <i>Raw</i> value.



RR DONNELLEY

Corporate Headquarters
35 West Wacker Drive
Chicago, Illinois 60601
U.S.A

800.424.9001
www.rrdonnelley.com
www.financial.rrd.com
Copyright © 2016 R. R. Donnelley & Sons Company
All rights reserved.