



FundSuiteArc Version 2.8.0 Release Notes

ArcReporting 2.8.0

Revised: 9/26/2017



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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

No changes in this product release require any immediate action to be carried out by users.





Enhancements Requiring User Decisions

No changes in this product release require any decisions to be made by users.





Important Notes

1. The *Calculate single fund holdings* button and calculation status label were removed from the **Fund Holdings** page.





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 to ArcReporting

1. Ability to import calculation sheet components

Users now have the ability to load calculation sheet structure components directly into a financial workbook template from an Excel source file.

2. Multi-language support for image libraries

Users now have the ability to manage image content at a language level. This functionality will allow users to create multi-language shareholder reports using the same image records in a given library, but display different content per language.

3. Support for fund-level period closing (locking) and historic data entry

Users can now close funds on an individual basis using a new "Fund-level Locking" mechanism. This will allow users to turn off additional calculations for a single fund and enter historic data on a per fund basis if required.



Enhancements to ArcReporting

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



1. Ability to import calculation sheet components

DFS ID: 182515

Overview

Users now have the ability to load calculation sheet structure components directly into a financial workbook template from an Excel source file.

What's New

1. A *Get import template* button was added beneath the grid on the *Calculation Sheets* tab of the **Financial Workbook Templates** page.
 - a. Clicking the button allows the user to open/save a *CalculationSheetImport.xlsx* Excel template.
2. An *Import data* button was added beneath the grid on the *Calculation Sheets* tab of the **Financial Workbook Templates** page.
 - a. Import functionality is designed to allow users to quickly seed calculation sheets with sections and items.
 - b. Users can build out calculation sheet formulas using the drag-and-drop/pick-and-choose features currently in FundSuiteArc.

Note:

The import feature will not create a new calculation sheet; users must manually create a new, empty calculation sheet, into which components are subsequently loaded.

- c. Columns in the data source file are as follows:
 - i. *Section* (required)
 - A. The value in this column indicates the section of the calculation sheet that the record is to be part of (e.g., *Assets*, *Liabilities*, etc.).

ii. *Section Total*

- A. The value in this column denotes whether or not the calculation sheet section that the record is to be a part of will display a total (i.e., *TRUE* or *FALSE*). A value of *FALSE* will be loaded for any given row by default, if no value is provided in the source file for that row.

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

iii. *Section Total Rounding Level*

- A. The value in this column specifies the rounding level of the section total (e.g., *1 Decimal*, *000's (suppressed)*, etc.).

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

iv. *Item Name*

- A. The value in this column is the name of the calculation sheet item (e.g., *Cash at Bank*, *Taxe d'abonnement*, etc.).

v. *Item Type*

- A. The value in this column denotes the type of the calculation sheet item (e.g., *Holdings*, *Financial Workbook*, etc.).

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

vi. *Class Behavior*

- A. The value in this column specifies the class behavior of the calculation sheet item (e.g., *Single row/column*, *Multiple rows/columns (per class)*, etc.).
 1. This value is ignored if the item type does not support class behavior.

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

vii. *Class*

A. The value in this column is the base class, if the calculation sheet has a class behavior of *Single row/column*.

1. This value is ignored if the item type does not support class behavior.

viii. *Item Rounding Level*

A. The value in this column specifies the rounding level of the calculation sheet item (e.g., *1 Decimal, 000's (suppressed)*, etc.).

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

ix. *Horizontal Total Exchange Rate Type*

A. The value in this column denotes the exchange rate type that should be used when calculating the horizontal total (e.g., *Closed, Average*, etc.).

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

x. *Use simplified formula for horizontal total*

A. The value in this column denotes whether or not the calculation sheet should use the sum of already-totaled calculation sheet horizontal totals, if the current item is a sum of calculation sheets (i.e., *TRUE* or *FALSE*).

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

xi. *Trial Balance Rounding Level*

- A. The value of this column specifies the value source that should be used when trial balance items are mapped into a calculation sheet (i.e., *Footed - Primary Rounding Level*, *Footed - Secondary Rounding Level* or *Raw Value*).

Note:

The import template has data validation on this column to prevent the user loading an incorrect value into FundSuiteArc.

Additional Information

Data can only be imported into a blank/empty calculation sheet; the import will fail on attempt to load into a sheet with existing sections, items, etc.

Process Changes

Users may now import the structure of calculation sheets into FundSuiteArc, rather than manually creating each calculation sheet item.



[Demonstration video](#)

2. Multi-language support for image libraries

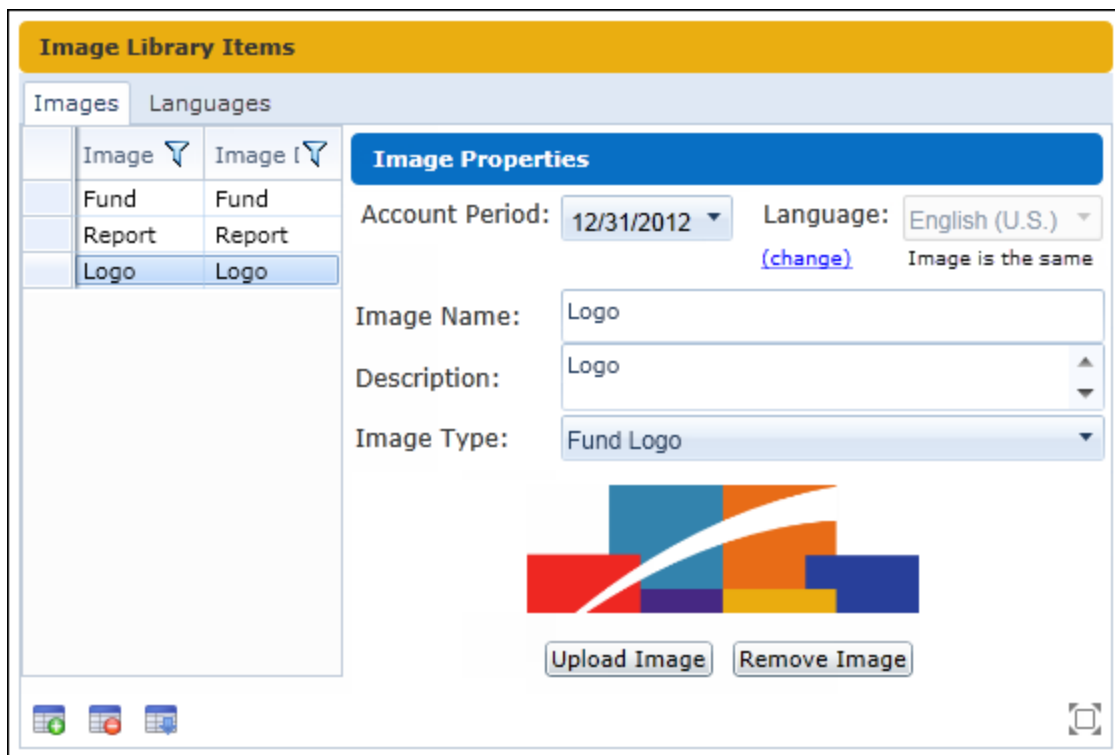
DFS ID: 182283

Overview

Users now have the ability to manage image content at a language level. This functionality will allow users to create multi-language shareholder reports using the same image records in a given library, but display different content per language.

What's New

1. An *Images* tab was added to the *Image Library Items* section of the **Image Libraries** page.



- a. This tab is simply a "container" for the functionality that existed in previous versions of FundSuiteArc.

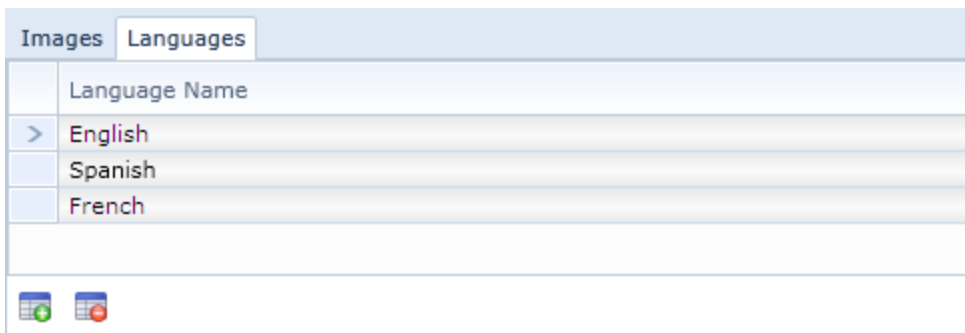
2. The existing *Account Period* drop-down list was moved within the new *Images* tab and existing *Image Properties* section.
3. A *Language* drop-down list was added at upper-right of the existing *Image Properties* section.
 - a. The read-only text *Image is the same for all languages* displays by default beneath the drop-down list for newly-created image records.
 - b. A clickable (*change*) link is displayed at left of the read-only text, in association with the *Language* drop-down list.
 - i. Clicking the link when the read-only text states *Image is the same for all languages* will cause a **Please Confirm** pop-up dialogue to display, with the following message:

The current image will be used initially for all languages for this account period. A distinct image can then be specified for each language. Do you want to continue?

 - A. If the *Accept* button is clicked, the following occurs:
 1. The dialogue closes.
 2. The *Language* drop-down list enables, allowing any language currently added to the *Languages* tab to be selected.
 3. The uploaded image will be associated with the selected language for the image record.
 4. The read-only text beneath the *Language* drop-down list changes to read *Image is different for each language*.
 - B. If the *Cancel* button is clicked, the dialogue closes, and the uploaded image continues to be associated with all languages used by the image library.
 - ii. Clicking the link when the read-only text states *Image is different for each language* will cause a **Please Confirm** pop-up dialogue to display, with the following message:

The image for the currently-selected language will be used for all languages for this account period. Do you want to continue?

- A. If the *Accept* button is clicked, the following occurs:
 1. The dialogue closes.
 2. The *Language* drop-down list disables.
 3. The uploaded image will be associated with all languages for the image record.
 4. The read-only text beneath the *Language* drop-down list changes to read *Image is the same for all languages*.
 - B. If the *Cancel* button is clicked, the dialogue closes, and the uploaded image continues to be associated only with the selected language.
4. A *Languages* tab was added to the *Image Library Items* section of the **Image Libraries** page.



- a. The grid on the tab is pre-populated with the baseline language of a given complex.
 - b. Users can add and remove languages on the tab using the *Add new item to grid* and *Remove item from grid* buttons, respectively.
5. When a user produces an output document via the **Project** page, the image(s) rendered in output will correspond to the language specified in the *Language* drop-down list for the project.

Additional Information

When running blacklink drafts, users are no longer required to change the image name to show that a change has been made.

Process Changes

Users can now have multiple, language-specific versions of the same image to produce shareholder reports in the languages supported by a given project.



[Demonstration video](#)

3. Support for fund-level period closing (locking) and historic data entry

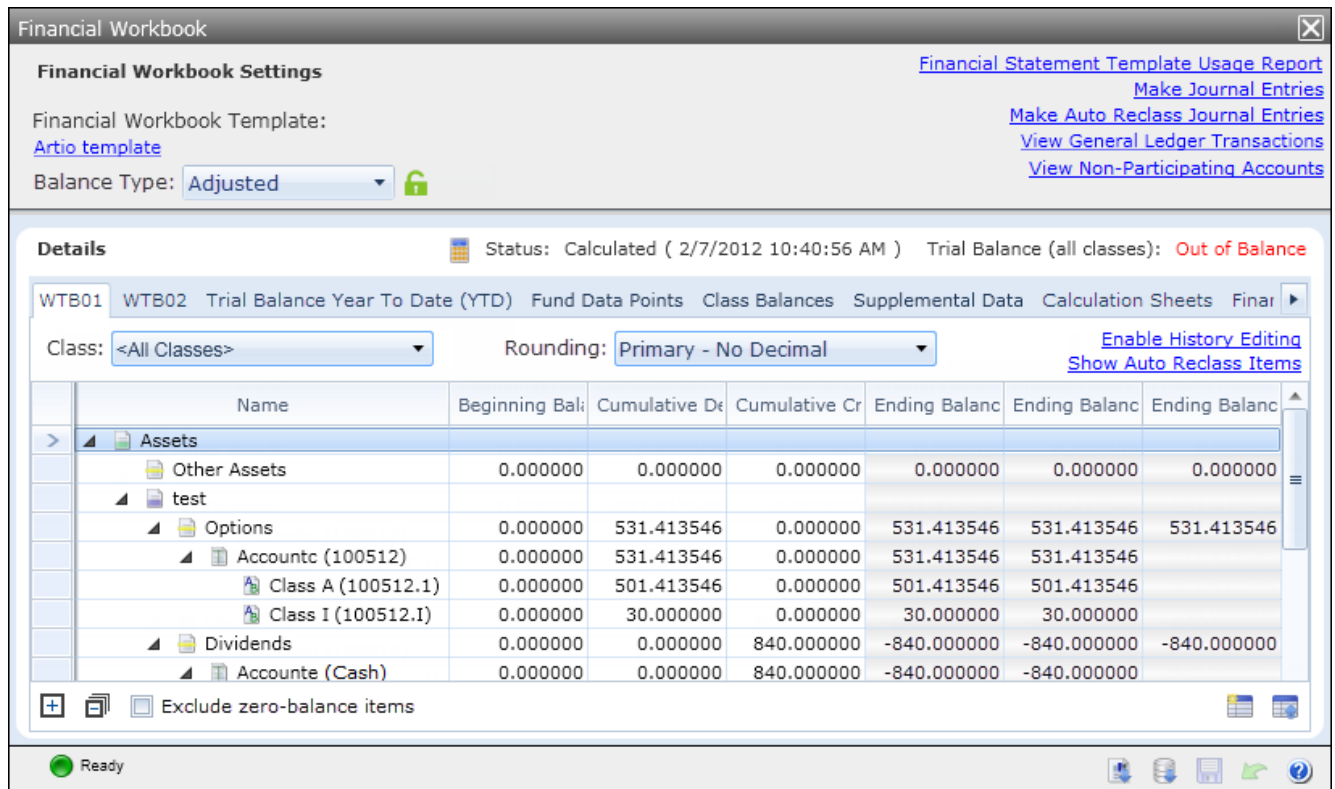
DFS ID: 172956

Overview

Users can now close funds on an individual basis using a new "Fund-level Locking" mechanism. This will allow users to turn off additional calculations for a single fund and enter historic data on a per fund basis if required.

What's New

A *Lock/Unlock* toggle button was added at right of the existing *Balance Type* drop-down list on the **Financial Workbook** page, whose image and tool tip vary dependent on the state of the currently-selected fund, account period and balance type combination.




The screenshot shows the 'Financial Workbook' window with the following details:

- Financial Workbook Settings:**
 - Financial Workbook Template: [Artio template](#)
 - Balance Type: **Adjusted** (with a lock icon)
 - Navigation links: [Financial Statement Template Usage Report](#), [Make Journal Entries](#), [Make Auto Reclass Journal Entries](#), [View General Ledger Transactions](#), [View Non-Participating Accounts](#)
- Details:**
 - Status: Calculated (2/7/2012 10:40:56 AM)
 - Trial Balance (all classes): **Out of Balance**
 - Class: **<All Classes>**
 - Rounding: **Primary - No Decimal**
 - Buttons: [Enable History Editing](#), [Show Auto Reclass Items](#)
- Trial Balance Table:**

Name	Beginning Bal	Cumulative De	Cumulative Cr	Ending Balanc	Ending Balanc	Ending Balanc
Assets						
Other Assets	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
test						
Options	0.000000	531.413546	0.000000	531.413546	531.413546	531.413546
Accountc (100512)	0.000000	531.413546	0.000000	531.413546	531.413546	
Class A (100512.1)	0.000000	501.413546	0.000000	501.413546	501.413546	
Class I (100512.I)	0.000000	30.000000	0.000000	30.000000	30.000000	
Dividends	0.000000	0.000000	840.000000	-840.000000	-840.000000	-840.000000
Accounte (Cash)	0.000000	0.000000	840.000000	-840.000000	-840.000000	

Note:

The button is hidden if the currently-selected account period in ArcReporting has a *Status* of *Closed* for the specified complex.

1. When calculations for the currently-selected fund, account period and balance type combination are unlocked (the default state), the button displays the "unlocked" image () and its tool tip is *Lock calculations for this fund, account period and balance type*.

- a. When the button is clicked, the following **Please Confirm** pop-up dialogue displays:

Locking calculations for this fund, account period and balance type will disconnect the values for this balance set from any associated financial and/or holdings data; any edits made to these values will not affect any other calculated values. Do you wish to proceed?


- i. Clicking the *Yes* button on the dialogue causes the following to occur:

- A. The dialogue closes.

- B. Values for the currently-selected fund, account period and balance type combination are locked for editing, meaning that they are disconnected from all calculations pertaining to other linked financial and/or holdings data. Any edits made to values for the currently-selected fund, account period and balance type combination will not affect any other calculated values.

Note:

- The calculations trigger for financial and holdings data is stopped when a fund is in this state. This includes calculations that would occur by previewing or outputting project components.
- The fund/account period/balance type can be re-connected with linked financial and/or holdings data, but at the risk of overwriting any values that were manually entered while the fund/account period/balance type combination was locked.

- C. The button displays the "locked" image () and its tool tip is *Unlock calculations for this fund, account period and balance type*.

- D. The calculation status for the currently-selected fund, account period and balance type combination is set to *Locked*.

- E. The *Calculate workbook* button is disabled.
 - F. The *Journal Entries* link is disabled.
 - G. The *Show Auto Reclass Items* link is disabled.
 - H. The *Class Balances* tab is disabled for editing.
 - I. The *Supplemental Data* tab is disabled for editing.
 - J. The *Horizontal Totals* tab is disabled for editing.
- ii. Clicking the *No* button on the dialogue causes the dialogue to close, and for calculations for the currently-selected fund, account period and balance type combination to remain in an unlocked state.
2. When calculations for the currently-selected fund, account period and balance type combination are locked, the button displays the "locked" image (🔒), and its tool tip is *Unlock calculations for this fund, account period and balance type*.
- a. When the button is clicked, the following **Please Confirm** pop-up dialogue displays:

Calculations for this fund, account period and balance type are currently disconnected from associated financial and/or holdings data that may exist. Unlocking calculations for this balance set will cause any values that were manually entered while the fund/account period/balance type combination was locked to be overwritten. Do you wish to proceed?

 - i. Clicking the *Yes* button on the dialogue causes the following to occur:
 - A. The dialogue closes.
 - B. Values for the currently-selected fund, account period and balance type combination are unlocked, meaning that they are connected to all calculations pertaining to other linked financial and/or holdings data. Any edits made to values for the currently-selected fund, account period and balance type combination will affect other calculated values.
 - C. Any values that were manually entered while the fund/account period/balance type combination was locked are overwritten.
 - D. The button displays the "unlocked" image (🔓), and its tool tip is *Lock calculations for this fund, account period and balance type*.

- E. The calculation status for the currently-selected fund, account period and balance type combination is set to *Not Calculated*.
 - F. The *Calculate workbook* button is enabled.
 - G. The *Journal Entries* link is enabled.
 - H. The *Show Auto Reclass Items* link is enabled.
 - I. The *Class Balances* tab is enabled for editing.
 - J. The *Supplemental Data* tab is enabled for editing.
 - K. The *Horizontal Totals* tab is enabled for editing.
 - ii. Clicking the *No* button on the dialogue causes the dialogue to close, and for calculations for the currently-selected fund, account period and balance type combination to remain in a locked state.
 3. A *Lock/Unlock Fund Calculations* user right was added to ArcReporting to govern access to the corresponding toggle button (the button is hidden if the right is not assigned to the current user).

Additional Information

- Any changes applied to portfolio statement templates, financial workbook templates, data loads, libraries, etc. will not flow through to any fund that has been locked. The fund will function as if its account period were closed.
- When an account period is closed via the **Fund Report Settings** page, the calculation status for any fund that was previously locked will update to *Closed*. If a user re-opens the period, funds previously locked will go back to a *Locked* state.
- When a user exports information via the Financial Workbook Export, the output file will display the status of a locked fund as *Calculated* rather than *Locked*. For closed account periods, the status of a given fund will display as *Closed* in Financial Workbook Export output files.

Process Changes

Users no longer have to wait for all of their funds to be finished during a reporting cycle before they can shut/close funds. They can now do it on a per fund basis.



[Demonstration video](#)



Closed Defects

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



Product	DFS ID	Module/Location	Description
ArcFiling/ ArcReporting	152205 (IM16- 710017, IM16- 707959 & IM16- 707912)	Archive	Increased the scope of the <i>Clear All Incomplete Dataloads</i> purge and reject logic to account for all data load types.
ArcFiling/ ArcReporting	153136 (IM16- 202976)	Holdings data import	Fixed a defect that caused a <i>Multiple captions specified in load for this fund's security caption library on CUSIP</i> warning to display when a security held in two separate funds was loaded.
ArcFiling/ ArcReporting	181587 (IM17- 032204)	Tabular Data Templates	Updated output schema to allow for spanned rows to pass through to the rendering engine and not throw composition errors.
ArcFiling/ ArcReporting	182284 (IM17- 035168)	Project	Fixed a defect that prevented users from unlocking a given project and its components.
ArcFiling/ ArcReporting	182907 (IM17- 042620 & IM17- 038242)	Fund Report Settings	Fixed a defect that caused synchronization issues when users attempted to push "blank" assignments from a complex level to a fund level.
ArcFiling/ ArcReporting	182931 (IM17- 038506)	Project	Corrected an issue that caused an <i>Object reference not set to an instance of an object</i> error message to display on attempt to generate PDF output.
ArcFiling/ ArcReporting	183055 (IM17- 038348)	Style Sheets	Added support for the <i>85x11in</i> tray size.
ArcFiling/ ArcReporting	183661	Holdings data import	Optimized category data loading logic for improved performance.
ArcFiling/ ArcReporting	183671	Project	Optimized calculation of portfolio values for improved performance.

Product	DFS ID	Module/Location	Description
ArcFiling/ ArcReporting	183890 (IM17- 049226)	Portfolio Statement Templates	Updated logic to prevent duplicate output style items from being added to a portfolio statement cell.
ArcFiling/ ArcReporting	181432 (IM17- 030950)	Same Security Prior Period Report	Optimized the time it takes to produce the report for large data sets.
ArcReporting	156339 (IM16- 728093)	Footnote Preview and Assignment	Fixed a defect that prevented users from adding footnotes that were previously deleted.
ArcReporting	165699 (IM16- 747981 & IM17- 038160)	(multiple locations)	Corrected a logic flaw that caused issues when attempting to suppress values based on <i>Raw Value</i> .
ArcReporting	170746 (IM17- 011929)	Project Templates	Fixed a defect that caused unlinked tables in a given project to be linked again when a user synchronized any change to the project's template, if there was no language assigned to the template.
ArcReporting	172882 (IM17- 020367)	Project	Updated logic to prevent duplicate items showing the project tree.
ArcReporting	172889 (IM17- 019435)	Project	Fixed a defect that caused an incorrect component subtype name to display if the project had multiple output types assigned to it.
ArcReporting	173040 (IM17- 019491)	Chart Templates	Fixed a defect that caused a <i>We're sorry</i> error message to display when a user tried to preview a chart that had been linked to a deleted portfolio statement template.
ArcReporting	173430 (IM17- 021048)	Financial Workbook Templates	Updated logic to prevent duplicate output style items from being added to a financial statement template cell.

Product	DFS ID	Module/Location	Description
ArcReporting	177321 (IM17-028313)	Financial Workbook	Fixed a defect that prevented class repeat information from populating in the file produced by the Financial Workbook Export.
ArcReporting	181709 (IM17-033400)	Financial Workbook Templates	Updated <i>Rounded to Zero Display</i> logic to work for financial statement templates, when a user maps <i>Calculation Sheet Item</i> data points directly to the output settings for a given template.
ArcReporting	182120 (IM17-034394)	Project	Fixed a defect that prevented footnote text from appearing in portfolio statements, if multiple languages were selected in the footnote library.
ArcReporting	182394 (IM17-035300)	Financial Workbook Templates	Fixed a defect that caused all data points in a financial statement template to suppress if multi-language features were used.
ArcReporting	182829 (IM17-037896)	Portfolio Statement Templates	Fixed a defect that suppressed columns of data in continued group column header item types.
ArcReporting	182891	Financial Workbook	Optimized calculation sheet calculation logic for improved performance.
ArcReporting	182945 (IM17-039778)	Portfolio Statement Templates	Fixed a defect that merged footnote assignments if the custom footnote separator value was blank.
ArcReporting	183145 (IM17-039074 & IM17-040169)	Project	Fixed a defect that prevent historic data from showing in financial statements when a given fund's fiscal year end had changed.
ArcReporting	183195 (IM17-042948, IM17-043100 & IM17-041724)	Project	Fixed a defect that caused financial statements using <i>Set individual page spread settings</i> to show spread pages with no fund repeating.

Product	DFS ID	Module/Location	Description
ArcReporting	183219 (IM17-040346)	Fund Holdings	Updated the Fund Holdings page to pull the category caption for the selected language, rather than display <i>[No Caption Available]</i> .
ArcReporting	183319 (IM17-042268)	Financial Workbook Templates	Enabled the existing <i>Delete Trial Balance Definitions</i> user right to prevent users not assigned that right from deleting full financial workbook templates.
ArcReporting	183676 (IM17-044508)	Portfolio Statement Templates	Updated portfolio statement footnote ordering logic to allow for user-defined footnote ordering, including footnotes not participating in auto-symbol ordering.
ArcReporting	183722 (IM17-046230)	Financial Statement Template Output Settings	Updated design to allow users to select class-level information on pivoted statements, enabling use of the <i>Rounded to Zero Display</i> setting.
ArcReporting	183851 (IM17-045789)	Footnote Preview and Assignment	Updated design to allow users to manage child-level footnote assignments to portfolio statements on the parent funds.
ArcReporting	184003 (IM17-046897)	Financial Workbook Templates	Fixed a defect that suppressed fund-level footnotes in a <i>Fund by Class</i> pivoted financial statement.
ArcReporting	184036 (IM17-047886)	Project	Fixed a defect that set a limit to the number of external documents that could be inserted into a given project.
ArcReporting	184163	Footnote Libraries	Implemented code optimizations in both portfolio and financial libraries for quicker load times of textual content.
ArcReporting	184281 (IM17-052378)	Currency Caption Libraries	Resolved a defect that restricted the number of languages associated with a given library/currency caption.



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