



Revised: 3/7/2012

FundSuiteArc Version 1.6.0 Release Notes

ArcFiling 1.6.0

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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 will 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.

Enhancements Common to Multiple Products

1) FundSuiteArc home page enhancements

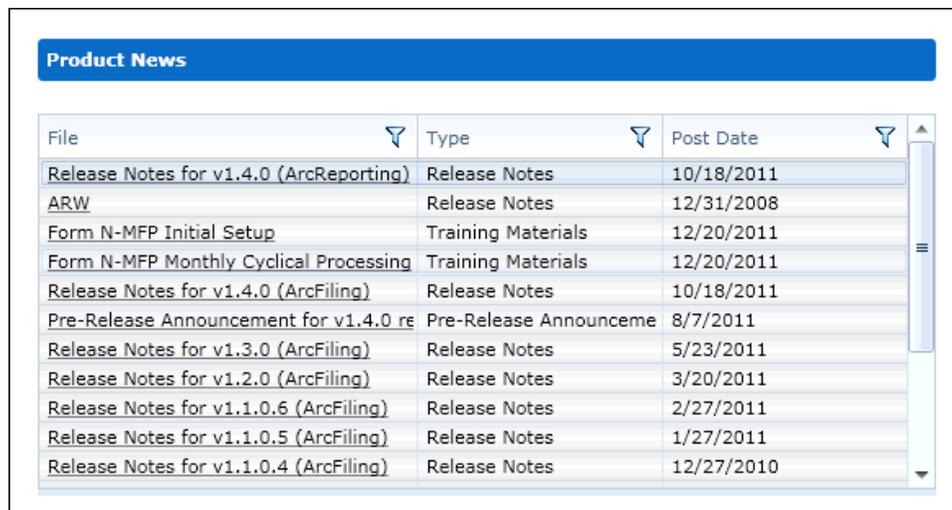
Overview

FundSuiteArc has incorporated the concept of versioning the Release Notes and other documents, giving users access to materials that correspond to the products purchased. Clients now have access to the Release Notes that correspond to the specific product(s) purchased from within the application.

What's New

As users log into FundSuiteArc, they are brought to a page identified as the "landing page". This page was modified by moving Release Notes from the ANNOUNCEMENTS section to a new PRODUCT NEWS section, located at lower-right of the screen. This section displays Release Notes and other materials, according to product licensing.

The PRODUCT NEWS section is displayed as a grid on the landing page, with columns offering the description of each file, the type of each (*Release Notes*, *Training Materials*, etc.), and the date of the file's posting.



File	Type	Post Date
Release Notes for v1.4.0 (ArcReporting)	Release Notes	10/18/2011
ARW	Release Notes	12/31/2008
Form N-MFP Initial Setup	Training Materials	12/20/2011
Form N-MFP Monthly Cyclical Processing	Training Materials	12/20/2011
Release Notes for v1.4.0 (ArcFiling)	Release Notes	10/18/2011
Pre-Release Announcement for v1.4.0 re	Pre-Release Announceme	8/7/2011
Release Notes for v1.3.0 (ArcFiling)	Release Notes	5/23/2011
Release Notes for v1.2.0 (ArcFiling)	Release Notes	3/20/2011
Release Notes for v1.1.0.6 (ArcFiling)	Release Notes	2/27/2011
Release Notes for v1.1.0.5 (ArcFiling)	Release Notes	1/27/2011
Release Notes for v1.1.0.4 (ArcFiling)	Release Notes	12/27/2010

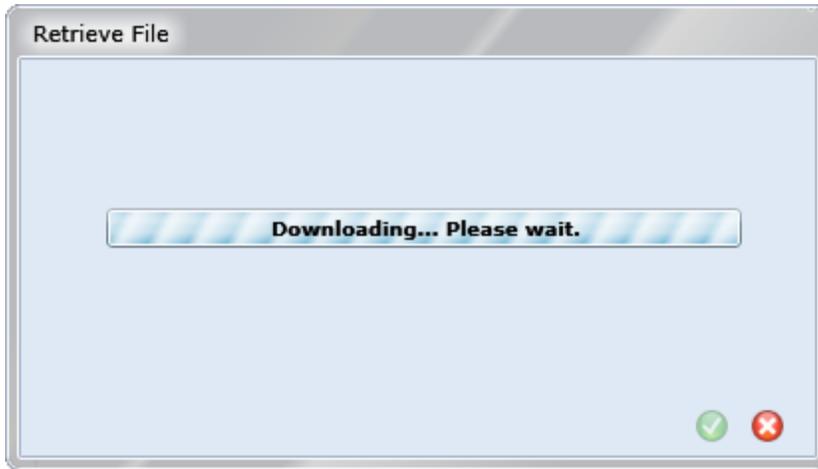
The grid is sorted by POST DATE (descending), TYPE (ascending) and then by FILE (ascending). Users have the ability to sort the grid by clicking on any column header. Users may also filter the items displayed by clicking the filter icon at upper-right of each column and providing the appropriate criteria; this is the standard filter functionality available on other grids within FundSuiteArc.

Please Note:

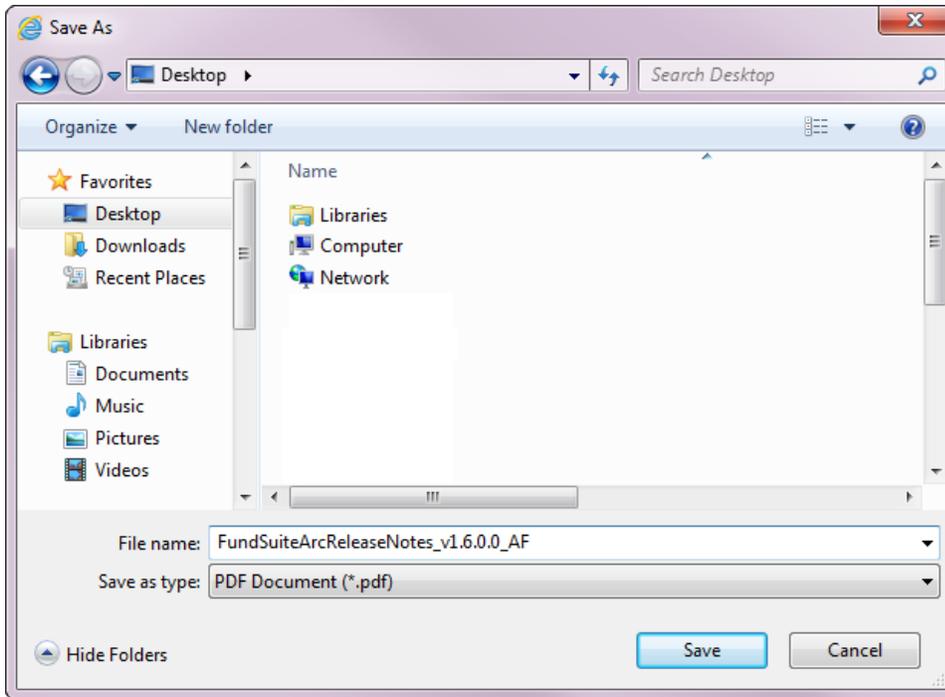
Grid sorting and filtering is not retained once a user logs out of FundSuiteArc, but is retained while the user navigates to other pages/products during the same login session.

Accessing materials from the PRODUCT NEWS grid

1. Clicking the link in the FILE column of the grid for the desired item causes the **Retrieve File** dialogue to appear.



2. Once the file is downloaded, the user may click the OK button  to save the file, or the CANCEL button  to cancel saving.
3. Clicking the OK button  causes the Windows **Save As** dialogue to appear.



4. Users may save the file to a local or network drive by providing a file name, and then clicking the SAVE button.

Please Note:

The SAVE AS TYPE drop-down list will default to the type of file which corresponds to the selected file (e.g., .doc, .htm, .pdf, .txt, .xls, etc.). Release Notes documents are provided in PDF format.

Process Changes

No changes to current processes are required.

2) Excel export of previewed portfolio and financial statements

Overview

The requirement to export portfolio statements and financial statements in Excel is a preference supported by many of our clients. Reviewing documents in Excel format enables our users to utilize Excel features common to current review practices.

What's New

FundSuiteArc now provides users functionality to export both portfolio statements and financial statements from the preview pane of the **Project** page.

Upon opening the **Project** page and clicking on the respective portfolio or financial statement, FundSuiteArc will render a preview of the statement on the COMPONENTS tab. To export the statement, users can follow the steps outlined below.

1. Click the EXPORT PORTFOLIO PREVIEW button  at lower-right of the tab.
2. Click the YES button on the confirmation message which appears to proceed with the export.
3. Click the OK button on the message which indicates that the output request was submitted successfully.
4. Click the OUTPUT QUEUE button  at upper-right of the screen to either view the output or save it to a local or network drive.
 - a. To view the statement export...
 - i. Click the VIEW link in the VIEW OUTPUT column of the grid.
 - ii. Choose an option in from the pop-up dialogue which appears.
 - A. Click the OPEN button to view the file now.
 - B. Click the SAVE button to save the file to a local or network drive and view later.
 - C. Click the CANCEL button to close the pop-up dialogue and do neither view nor save the file.
 - b. To save the statement export...
 - i. Click the VIEW link in the SAVE OUTPUT column of the grid.
 - ii. Click the OK button  to save file to a local or network drive.

Process Changes

No changes to current processes are required.

3) Fund Holdings dataload/data import enhancements

Overview

Several enhancements to the Holdings dataload/data import were developed in this release. These new features were added to FundSuiteArc either to add clarification or to enhance existing functionality.

What's New

1. A SECURITY ATTRIBUTES tab was added to the **Holdings Import** and **Holdings Load Options** pages, on which users can specify load options pertaining to Demand Feature Issuers, Enhancement Providers and Guarantors.
2. Options were added to the lower portion of each tab on the **Holdings Import** and **Holdings Load Options** pages, which allow users to set load options with a single click. This new feature is available for both push-button data imports and automated FTP dataloads, in conjunction with options for security captions, categorization, balances and other attributes.
3. Informational text was added to each tab of the **Holdings Import** and **Holdings Load Options** pages to provide users guidance as to the behavior/impact of selecting particular options.

The specifics for each tab are as follows.

- SECURITY CAPTIONS tab

<input type="checkbox"/> Coupon	<input type="checkbox"/> Repo Used For Diversification
<input type="checkbox"/> Maturity Date	<input type="checkbox"/> Security Has Demand Feature Enhancements
<input type="checkbox"/> Final Legal Maturity Date	<input type="checkbox"/> Security Has A Guarantee
<input type="checkbox"/> Illiquid Security	<input type="checkbox"/> Security Has Enhancements
Select all Clear all	
Selected check box:	<input checked="" type="checkbox"/> Data from the source file will be loaded, even if the source file contains a zero or blank value.
Cleared check box:	<input type="checkbox"/> Data in the source file will be ignored. Values from the most recent account period end will be rolled forward.
<i>Note: For new securities, the overwrite option will be ignored and data from the source file will be loaded.</i>	

- SELECT ALL link
 - Clicking the link causes all check boxes on the tab to be selected.
 - When any given check box is selected data from the source file for the corresponding field will be loaded, even if the source file value is zero (0) or blank.
- CLEAR ALL link
 - Clicking the link causes all check boxes on the tab to be cleared.
 - When any given check box is cleared, data in the source file for the corresponding field will be ignored, and data from the most recent account period end will be rolled forward.
- It is important to note that for new securities, the overwrite option specified for any given field will be ignored and data from the source file will be loaded.

• SECURITY CATEGORIZATION tab

Industry Minor	Always Overwrite
NMFP	Always Overwrite
Scroll bar Category 1	Always Overwrite

[Never Overwrite \(all\)](#) Data in the source file will be ignored. Values from the most recent account period end will be rolled forward.

[Always Overwrite \(all\)](#) Data in the source file will be loaded, unless the source file contains a zero or blank value. If the source file contains a zero or blank value, values from the most recent account period end will be rolled forward.

[Overwrite if Previously Uncategorized \(all\)](#) Data in the source file will be loaded only if the security is new to the category library. If the security exists in the category library, values from the most recent account period end will be rolled forward.

- NEVER OVERWRITE (ALL) link
 - Clicking the link causes the Load Option for all category types listed on the tab to be set to *Never Overwrite*.
 - When the Load Option for any given category type is set to *Never Overwrite*, data in the source file for that category type will be ignored, and values from the most recent account period end will be rolled forward.
- ALWAYS OVERWRITE (ALL) link
 - Clicking the link causes the Load Option for all category types listed on the tab to be set to *Always Overwrite*.
 - When the Load Option for any given category type is set to *Always Overwrite*, data in the source file for that category type will be loaded, unless the source file value is zero (0) or blank. In that case, values from the most recent account period end will be rolled forward.
- OVERWRITE IF PREVIOUSLY UNCATEGORIZED (ALL) link
 - Clicking the link causes the Load Option for all category types listed on the tab to be set to *Overwrite if Previously Uncategorized*.
 - When the Load Option for any given category type is set to *Overwrite if Previously Uncategorized*, data in the source file for that category type will be loaded only if the security is new to the category library. If the security already exists in the library, values from the most recent account period end will be rolled forward.

• SECURITY BALANCE tab

<input type="checkbox"/> Exclude Capital Support Value	<input type="checkbox"/> Option Premium	<input type="checkbox"/> Yield
<input type="checkbox"/> Expiration Date	<input type="checkbox"/> Proceeds	<input type="checkbox"/> Yield Date
<input type="checkbox"/> Fully Col Repo	<input type="checkbox"/> Purchase Cost	
<input type="checkbox"/> Include Capital Support Value	<input type="checkbox"/> Reset Date	

[Select all](#) [Clear all](#)

Selected check box: Data from the source file will be loaded, even if the source file contains a zero or blank value.

Cleared check box: Data in the source file will be ignored, unless values for the field do not currently exist in the database. Data for previous account periods will not be rolled forward.

Note: For new securities, the overwrite option will be ignored and data from the source file will be loaded.

- SELECT ALL link
 - Clicking the link causes all check boxes on the tab to be selected.
 - When any given check box is selected data from the source file for the corresponding field will be loaded, even if the source file value is zero (0) or blank.

- CLEAR ALL link
 - Clicking the link causes all check boxes on the tab to be cleared.
 - When any given check box is cleared, data in the source file for the corresponding field will be ignored, unless values for the field do not currently exist in the database. Data for previous account periods will not be rolled forward.
 - It is important to note that for new securities, the overwrite option specified for any given field will be ignored and data from the source file will be loaded.

- SECURITY ATTRIBUTES tab

Demand Feature Issuers:	<input type="text" value="Never Overwrite"/>
Enhancement Providers:	<input type="text" value="Never Overwrite"/>
Guarantors:	<input type="text" value="Never Overwrite"/>
Never Overwrite (all)	Data in the source file will be ignored. Values from the most recent account period end will be rolled forward.
Always Overwrite (all)	Data in the source file will be loaded. Values from the most recent account period end will be ignored.
Append to Existing Values if Different (all)	Data in the source file will be loaded only if different from the values from the most recent account period end. Existing values from the most recent account period end will remain intact.

- DEMAND FEATURE ISSUERS drop-down list
 - Affects the DEMANDFEATUREISSUERNRSROLIST, DEMANDFEATUREISSUERNRSRORATINGLIST and DEMANDFEATURELIST field values.
- ENHANCEMENT PROVIDERS drop-down list
 - Affects the ENHANCEMENTPROVIDERLIST, ENHANCEMENTPROVIDERNRSROLIST, ENHANCEMENTPROVIDERNRSRORATINGLIST and ENHANCEMENTTYPELIST field values.
- GUARANTORS drop-down list
 - Affects the GUARANTORLIST, GUARANTORNRSROLIST and GUARANTORNRSRORATINGLIST field values.
- NEVER OVERWRITE (ALL) link
 - Clicking the link causes the load option for all attributes listed on the tab to be set to *Never Overwrite*.
 - When the load option for any given attribute is set to *Never Overwrite*, ALL previous assignments in the fields affected by the attribute will roll forward, and data in the source file will be ignored.
- ALWAYS OVERWRITE (ALL) link
 - Clicking the link causes the load option for all attributes listed on the tab to be set to *Always Overwrite*.
 - When the load option for any given attribute is set to *Always Overwrite*, ALL previous assignments in the fields affected by the attribute will be cleared out, and will be replaced with data in the source file.
- APPEND TO EXISTING VALUES IF DIFFERENT (ALL) link
 - Clicking the link causes the load option for all attributes listed on the tab to be set to *Append to Existing Values if Different*.
 - When the load option for any given attribute is set to *Append to Existing Values if Different*, ALL previous assignments in the fields affected by the attribute will be rolled forward, and any data in the source file that differs from the previous assignments will be added (appended) to them.

Process Changes

No changes to current processes are required.

4) Export/Import portfolio statement templates - Phase 1 of 2

Overview

Different complexes may share the same portfolio template structure. FundSuiteArc allows users to create portfolio templates at the Complex level but not between complexes. Having the ability to share portfolio templates is a benefit for clients.

Phase 2 of this functionality will be completed in version 1.7.0. At that time most settings found in the Portfolio Statement Templates will be retained when templates are exported/imported or copied.

What's New

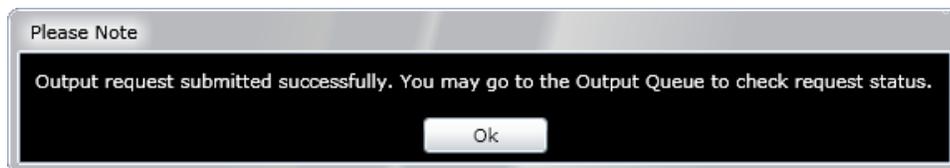
The portfolio statement template functionality has been enhanced to include the ability to export a template from one database or complex and re-import that same template to another database or complex. The new functionality added to FundSuiteArc includes the ability to import/export a portfolio template. In general, users will utilize the export functionality prior to the import functionality. The export functionality will create an XML file that FundSuiteArc can make use of during import.

Exporting a Portfolio Statement Template

1. Identify the database and respective portfolio statement template needed.
2. Open the **Portfolio Statement Templates** page.
3. Select the portfolio template in the listing grid.
4. Click the EXPORT PORTFOLIO STATEMENT TEMPLATE button .
5. Click the YES button on the pop-up message which indicates that an XML file will be produced.



6. Click the OK button on the pop-up message which indicates that your request for output was submitted.



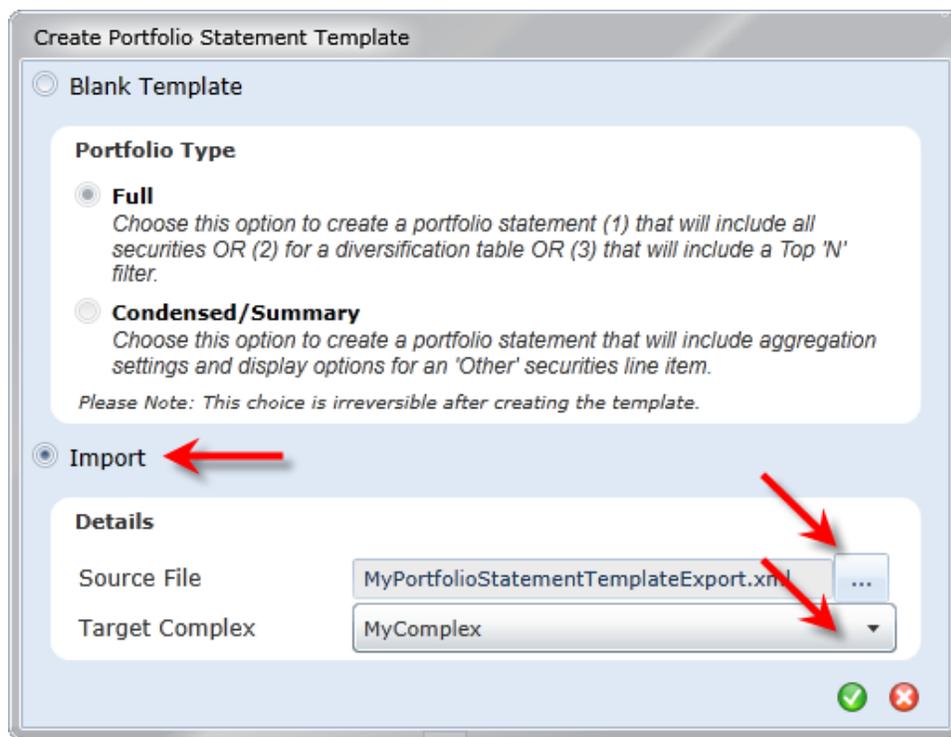
7. Click the OUTPUT QUEUE button  at upper-right of the screen.
 - a. Select the *Portfolio Template Export (XML)* row in the grid which represents your export.
 - b. To view the statement export...
 - i. Click the VIEW link in the VIEW OUTPUT column of the grid.
 - ii. Choose an option in from the pop-up dialogue which appears.
 - A. Click the OPEN button to view the file now.
 - B. Click the SAVE button to save the file to a local or network drive and view later.
 - C. Click the CANCEL button to close the pop-up dialogue and do neither view nor save the file.

- c. To save the statement export...
 - i. Click the VIEW link in the SAVE OUTPUT column of the grid.
 - ii. Click the OK button  to save file to a local or network drive.

Importing a Portfolio Statement Template

1. Identify the database which requires the (exported) portfolio statement template.
2. Open the **Portfolio Statement Templates** page.
3. Click the ADD button at lower-right of the page.

The **Create Portfolio Statement Template** pop-up dialogue appears.



- a. Select the IMPORT option button.
- b. Click the BROWSE button  at right of the SOURCE FILE field to locate the exported portfolio template which you saved previously.
- c. Use the TARGET COMPLEX drop-down list to identify the complex with which the imported portfolio statement template will be associated.
- d. Click the ACCEPT button  at lower-right of the dialogue.

Additional Information

- During portfolio statement template import, data from the source file will be used to create a new statement template. By default, the name of the new template will be prepended with the term *Import of*, and appended with a series of numbers representing the date/time at which the new template was created. The name of the new template may be edited at any time after its creation.

Example: The import of a portfolio statement template named *Equity Funds* from one database to another on February 17, 2012, at 9:38:57 AM would produce a new template in the target database named *Import of Equity Funds 2172012 93857*, by default.

- IMPORT option scenarios, with associated error messages
 - If the IMPORT option was selected and an issue is encountered with regard to the XML content of the specified source file, FundSuiteArc will return the following message.
"The selected source file does not contain valid XML. Please review the file contents prior to importing, or create a new file for import, and retry."
 - If the IMPORT option was selected, but the specified source file selected was created using another FundSuiteArc product (i.e., ArcReporting is in use and the file was created by exporting a ArcFiling template), FundSuiteArc will return the following message.
"The selected source file was produced using a different FundSuiteArc product than the one into which you are attempting to import. Please select a compatible file for import, and retry."
- During portfolio statement template import, FundSuiteArc will carry out validation logic against certain information found in the source template and respond as indicated below.
 - Category Type Code
 - If a category type code used in the source template does not exist in the destination database, it will be added to the Category Types library.
 - The CATEGORY TYPE name and *Code* of the new record in the library will be the code of the category type being imported.
 - The category type DESCRIPTION will be populated with the text *Auto-generated during import* in order to alert users as to how the record was created.

Example: Category type code of *ST2* was imported, which did not exist in the destination database.

Category Types		
Listing		
Category Type	Code	Description
CO	CO	Auto-generated during import
CS	CS	Auto-generated during import
GI	GI	Auto-generated during import
IT	IT	Auto-generated during import
Security Type	ST	ST
ST2	ST2	Auto-generated during import

- Category Library Code
 - If a category exception exists in the source template, a corresponding record will be added to the Category Libraries library.
 - The LIBRARY NAME of the new record in the library will be the code of the category library being imported.
 - The category library DESCRIPTION will be populated with the text *Auto-generated during import* in order to alert users as to how the record was created.

Example: The category exception *Sec Type 2*, with a category library code of *STL2*, was imported.

Category Libraries				
Listing				
Complex	Category Type	Library Name	Description	
MyComplex	CS	CSL	Auto-generated during import	
MyComplex	GI	GI-2-2	Auto-generated during import	
MyComplex	IT	IT-2-2	Auto-generated during import	
MyComplex	Security Type	ST	Auto-generated during import	
MyComplex	ST2	ST2L	Auto-generated during import	

- Category Code
 - If a category exception exists in the source template, a corresponding category will be added to the Category Libraries library.
 - The CATEGORY NAME and *Code* of the new category in the library will be the code of the category being imported.

Example: The category exception *Sec Type 2 - Cash*, with a category code of *CASH*, was imported.

Category Libraries													
Detail													
Complex:	MyComplex												
Library Name:	ST2L												
Code:	ST2L												
Description:	Auto-generated during import												
<table border="1"> <thead> <tr> <th>Categories</th> <th>Languages</th> <th>Total Caption</th> </tr> </thead> <tbody> <tr> <td>Account Period:</td> <td>2/29/2012</td> <td>Lang</td> </tr> <tr> <td>Category Name</td> <td>Codes(separated with comma)</td> <td></td> </tr> <tr> <td>CASH</td> <td>CASH</td> <td></td> </tr> </tbody> </table>		Categories	Languages	Total Caption	Account Period:	2/29/2012	Lang	Category Name	Codes(separated with comma)		CASH	CASH	
Categories	Languages	Total Caption											
Account Period:	2/29/2012	Lang											
Category Name	Codes(separated with comma)												
CASH	CASH												

- Languages
 - If a language code used in the source template does not exist in the destination database, it will be added to the Languages library and to the LANGUAGES tab of the new template in the destination database.
 - The NAME and CODE of the new language in the library will be the code of the language being imported.
- Column Header
 - Column header values specified in the source template for the default category type, and for each category exception in the template structure (applicable only for ArcReporting templates), will be specified for the new template in the destination database.
- Total Investments
 - All options specified on the SETTINGS tab for the source template will be specified for the new template in the destination database.

- Other Assets
 - Options specified on the SETTINGS tab for the source template will be specified for the new template in the destination database, but if the PULL VALUE FROM FINANCIAL WORKBOOK option is selected, the workbook and associated item from which to pull will not carry over; the workbook will need to be specified manually.
- Net Assets
 - Options specified on the SETTINGS tab for the source template will be specified for the new template in the destination database, but if the PULL VALUE FROM FINANCIAL WORKBOOK option is selected, the workbook and associated item from which to pull will not carry over; the workbook will need to be specified manually.

Process Changes

No changes to current processes are required.

Closed Defects

Product	Module / Location	Description
ArcFiling	Dataload / Data Import	Fixed defect in the N-MFP (XML) import that caused the following fields not to import from the source XML file. <ul style="list-style-type: none"> • Issuer CIK • N-MFP Notes • Category Notes
ArcFiling/ArcReporting	Dataload / Data Import	Fixed defect that caused a security's issuer not to overwrite / roll forward correctly.
ArcFiling/ArcReporting	Fund Holdings	Fixed defect that prevented the NEW SECURITIES SINCE... filter from displaying information for all funds in a fund group.
ArcFiling/ArcReporting	Fund Report Settings	Fixed defect where an excessive number of fund types created an issue with the scroll bar on the CATEGORY LIBRARY tab of the Fund Report Settings page, which forced users to increase screen resolution in order to view all category types while making category library assignments.
ArcFiling/ArcReporting	Holdings Import	Fixed defect in the Holdings push-button data import when FINAL LEGAL MATURITY DATE and/or EXPLANATORY NOTES values are blank in the data source file and corresponding overwrite options are set to not overwrite.
ArcFiling/ArcReporting	Maintenance Libraries	Fixed access to FundSuiteArc maintenance libraries if Windows regional date setting was specified as <i>DD/MM/YYYY</i> .
ArcFiling/ArcReporting	Data Extract	Fixed excessive memory usage defect specific to data extracts.