



## FundSuiteArc Release Information

### • **Version 1.1.0 - Release Date: November 12<sup>th</sup>, 2010**

#### ◦ **ArcFiling Product**

1. **Holdings Load Options Page** - Improvements to automated dataload functionality.
  - a. Duplicate CUSIP functionality (includes adding the MASTER IDENTIFIER & BALANCE INSTANCE fields and updating the dataload format/structure accordingly).
  - b. Fixed issue with loading new securities when the ALWAYS OVERWRITE option is not selected.
  - c. Ability to update existing balance records.
  - d. Granular Holdings load options that allow users to specify overwriting for any/all Security Captions, Security Categories and Security Balance fields.
  - e. Ability to load and assign NRSRO and ratings for Items 37 (Demand Feature Issuers), 38 (Guarantors) & 39 (Enhancement Providers).
2. Finalized Form N-MFP filing functionality (ability to send/receive information from the SEC).
3. **XML Disclosure Profiles Page** (New) - Accessed via the **N-MFP** menu section of the FILINGS ADMINISTRATION tab.
  - a. Ability to specify ratings agencies to use by Category of Investment for Items 34 & 34 (a).
  - b. Ability to display **N/A** (or equivalent) for Items 34, 34 (a), 37 (b), 37 (c), 38 (b), 38 (c), 39 (c) & 39 (d).
4. Auto-create and assign account periods during dataload and fund holdings import operations.
5. Ability to manually create multiple project instances.
6. Text management character-level formatting capability expanded.
  - a. **Text Libraries Page** - Now supports the ability to insert hyperlinks.
  - b. **N-MFP Project Page** - Standard output types (PDF, Word, Excel) now support the ability for to recognize and display bold, italic, underline and hyperlinks as specified in the text editor.
7. **Fund Holdings Page** - Allows saving of "partial" changes to holdings record information.
  - a. Example: A change to the categorization of a security does not also require the specification of an issuer for that holding in order to save.

8. **Fund Holdings Page** - Data Import functionality has been streamlined and enhanced.
  - a. Data Import now uses functionality identical to the automated Holdings Dataload, which allows for loading of all holdings data points through just one button on the page.
  - b. Excel source file format/structure matches the standard automated dataload format.
  - c. Granular overwrite options allow for the selection of specific columns in the Excel source file.
  - d. Ability to load and assign NRSRO and ratings for Items 37 (Demand Feature Issuers), 38 (Guarantors) & 39 (Enhancement Providers).
9. **Fund Holdings Page** - Ability to display holdings by a selected fund group, in addition to by complex or a specific fund. (*Note: Only supported if all funds share the same libraries.*)
  - a. Support for filtering to show only new securities when displaying holdings by fund group.
  - b. Filtering on new securities is now also supported when displaying holdings by complex.
10. Issuers are now assigned to holdings via the **Security Library Page**, rather than through the **Security / Investment Master Page**.
11. Provided an **N-MFP Review Report**, which allows for the review of N-MFP data in a "friendly" Excel format prior to submission of the XML filing to the SEC.
  - a. The report is generated automatically whenever an N-MFP project is output in **N-MFP (XML)** format.
  - b. The report can be viewed and/or saved through either the **Output Queue** or the DRAFTS / PROOFS tab of the **N-MFP Project Page**.
12. Support for Percent of Par (Principal Amount) on FundSuiteArc screens and in output.
  - a. **Fund Holdings Page** - Percent of Par calculation updated.
  - b. **Portfolio Statement Templates Page** - Supports selection of Percent of Par on CALCULATIONS tab.
  - c. **Portfolio Statement Template Output Settings Page** - Supports selection and formatting of Percent of Par for display in statement preview and output.
13. **Portfolio Statement Templates Page** - Corrected statement output logic to ensure that the sort order specified on the SORTING tab is respected when the CAPTION column is not topmost in the list.
14. **Portfolio Statement Template Output Settings Page** - Corrected statement output logic to prevent the appearance of a schema validation error for statements whose template includes a Total Investments line with no corresponding column mapping (i.e., where the line item is for calculation purposes only; not for display).
15. **Repo Holdings Collateral Page** - Support for additional SEC requirements.
  - a. Ability to specify a Category of Investment description for each collateral record for repurchase agreements in the new REPO COLLATERAL NOTES field (needed if the collateral type is **Other Instrument**).
  - b. Added 2 new fields (CUSTOM COUPON RATE TEXT and DISCLOSE CUSTOM COUPON RATE TEXT) to support reporting **N/A** or (**none**) for Item 32 (c) of Form N-MFP.

16. Ability to search for holdings by any security identifier (CUSIP, SEDOL, ISIN, Wertpapier, Valoren or Custom Identifier) in several FundSuiteArc pages.
  - a. **Fund Holdings Page**
  - b. **Security / Investment Master Page**
  - c. **Security Libraries Page**
17. **Output Queue** - Enhancements to refresh and saving functionality.
  - a. Added a SAVE button, which allows users to save files directly to a local or network directory. This button bypasses the need to explicitly specify that Internet Explorer allow downloads.
  - b. Increased the size of the **Output Queue** window.
  - c. The FOR column of the queue now displays the name of the fund group associated with N-MFP Data Extract requests when the EXTRACT DATA PER FUND GROUP option has been selected.
  - d. Added an AUTOREFRESH check box option in the **Output Queue** window to allow users to turn the auto-refresh functionality off, if desired.
  - e. Added an OUTPUTQUEUEREFRESHTIMEINSECONDS setting to the **Settings Page** in the Platform Administration area to allow clients to determine the Output Queue refresh speed. The default auto-refresh interval is **5** seconds.
  - f. Addressed an issue where the queue showed output as complete, yet users received an error stating otherwise.
18. Support of **8-**, **801-**, **84-** and **85-** prefixes for FILE NUMBER value in several maintenance libraries (Administrators, Advisers, Agents, etc.).
19. **Project Templates Page** - Displays alert message upon save of template changes, reminding user to re-synchronize the template with its associated projects via the PUSH OUT CHANGES link on the ADMINISTRATION tab.