waystone

Pre-Processing Module (PPM)
Release Notes
Version 1.8

August 26, 2021

HST SOLUTIONS
Custom Software Development
Mobile Apps | **Cloud Apps**

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- ## PPM 1.8

  - ### Okta Integration

    Log in to the PPM application will now be authenticated using Okta.

  - ### Calculations / Manipulations of Templates

    Following the creation and development of PPM templates; PPM can perform additional calculations and/or manipulations for template files outputted by PPM.

  - ### New Manipulation Steps

    (i) **Transpose Data:** a manipulation step in the PPM application to transpose data in a worksheet has been added.

    (ii) **Find A Value In A Given Column Name And Replace:** a new manipulation step that will find a value in a given column name and replace it with the desired value has been added to the PPM application.

  - ### Mouse Pointer issue on PPM Status popup

    When hovering over the download buttons on the PPM Status pop-up, the Standard/Normal Pointer was turning into a Text Pointer rather than a Link Pointer. This has been fixed

  - ### Dashboard filter issue upon Session Timeouts

    When a user used the filter on the Insights dashboard and a session would time out on the PPM application and the user logs in again, the previously filtered criteria was being held and could not be cleared using the 'Clear Filter' button. The filter could only be reset by pressing Ctrl + F5. This has now been fixed.

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➢ **Issue with icon alignment in Step 6 of Jobs**

The edit/delete icons have been properly aligned on the manipulation steps.

➢ **Issues in Remedial Action page:**

o The preview of errors logged was not loading. This has been fixed.

o The dates were being sorted using days rather than date. This has been corrected.

- ## PPM 1.7.2

  - ➤ **Cosmetic Changes**

    - o **Application Rebranding**

    In line with the company rebranding to Waystone, the PPM application has undergone a branding update in accordance with the branding guidelines set forth.

    - o **Menu-bar Changes**

    PPM has also been restructured to a side-menu based application, in lieu of a top menu-bar. The changes to the structures of the options in the menus are as follows:

Before	Now		
	Location	S0	S1
Dashboard	Side Navigation Bar	Dashboard	Insights
Remedial Action			Remedial Action
SDP	Side Navigation Bar	Data Source	Source
SDP Connection			Connection
File Contents			Content
Execution Plan Wizard	Side Navigation Bar	Job Scheduling	Jobs
Fund Scheduler Setup			Schedules
Calendar Template			Calendar
Application			Application
Application Template			Application Template
Config	Side Navigation Bar	Settings	Config
Manage User			User
Role & Permission			Roles
Info	Header	'Icon Only'	
Username	Header	'Icon Only'	Username
			Log Out

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➢ **Additional Verification Step in the RiskCore Automatic Data Load API**

The API has been enhanced to block automatic data loads to RiskCore for files with missing fields like securities/positions instead of treating them as 'excluded'.

For example, when there is a failed cash line out of 5 in a file, none of the cash file will be uploaded, making the error easier to identify when viewing the data extract.

➢ **Issue with Manual Run for Tasks without Data Load Configured**

When performing a manual run on a task whose execution plan did not have a RiskCore template selected (hence no automatic data load configured), PPM would still prompt a user on whether they want to append/overwrite the automatic load. This has now been fixed.

➢ **Issue when Running Bulk Operations in the Data Dashboard**

In the data dashboard, when a user selected multiple schedules/execution plans to run, the spinner would not stop. This has been fixed.

• PPM 1.7.1

➢ **Creation & Development of PPM Templates**

PPM will now have the functionality to create application and file content wise specific expected pre-processed file templates.

Users will be able to configure multiple delivery paths as per the generated template and map the required fields of the template with the source fields for different applications.

- ## PPM 1.7

This release absorbed the scope of [PPM v1.5.1](#) which had been disabled in v1.6 and onwards

- ➢ **RiskCore file delivery**

    - When configured, PPM will automatically push preprocessed files to RiskCore via an API.

    - The file will be loaded on RiskCore using the specified template in the configuration.

    - A column on the Data Dashboard has been added to show the 'Load Status' which will represent the status of the automatic load into RiskCore or any other external application.

    - A remedial page has been added that will show the execution plans that have failed at destination application's end.

- ## PPM 1.6.4

  1. **User Integration and Permissions**

     - Previously, the PPM application was accessed via a 'generic' username/password created within the application. This username/password could technically be shared with any internal user. This prevented the business from managing privileges at a user level. We have now integrated LDAP to authenticate credentials for the application.
     - The ability to enable/disable the below permissions per role now exists:
       - SDP
       - SDP Connection
       - Execution Plan Wizard
       - Fund Scheduler Setup
       - Data Dashboard
       - Manage User
       - Configuration
       - File Contents
     - The ability to create a role (that cover multiple configs of the above) and assign it to a user has also been added.

  2. **Facilitation of file delivery to external file paths**

     - The functionality to push pre-processed files that are currently delivered in PPM to internal file paths has been added into the 'SDP connection' menu. For example, an MDO FTP for consumption into Rabbit can now be added into PPM. Protocol's like SMB Share, FTP, SFTP and Email options have been added in the Delivery Config section.
     - A new step has been added into the Execution Plan wizard named 'File Delivery' (Step 8). A user will be able add the delivery path from there.

  3. **'Save favourite' issue fixed on Data Dashboard filter**

     - An issue where users were unable to save favourites has been fixed.

  4. **Cosmetic Changes:**

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- Removal of Text: The text "DMS" has been removed from wherever it is present in the application - including the login page, menu bar, headers, footers and on load/wait graphics.

  NB: "DMS" has not been removed from the data entered into the application.

- ## PPM 1.6.3

  1. **Scheduler Modification**

      - Previously, the scheduler was hardcoded to run a maximum number of 3 times a day. This restriction has now been removed.

  2. **Tab Delimiter added in Execution Plan Steps**

      - The functionality to pre-process tab-separated source files in PPM has been added.

• PPM 1.6.2

1. **Data Dashboard Enhancement**

   - Previously, the 'Client' had to be selected before 'Fund', 'File Contents', or 'Source Data Provider' can be filtered.

   - Now, the same 'Client' selection functionality has been applied to 'Fund', 'File Contents' and 'Source Data Provider'

2. **File Name Modification for Files with Same Names**

   - Previously, files with the same names when dropped into the server were being overwritten. An enhancement has been added to rename files with the same names.

3. **Enable / Disable Button on Email Settings**

   - An enable/disable button has been added on the email settings for PPM in the front-end of the application.

   - When enabled, PPM will send email notifications as per usual to the specified email IDs in the 'To' text box and vice-versa for when it is disabled.

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PPM 1.6.1

1. Scheduler Settings and Frequency

- Previously, whenever the scheduler started, it processed all the execution plans from today's effective date, as well as all the previous pending execution plans; meaning it continued to fetch 'missing' files indefinitely. This was causing the scheduler to overload.

- The Scheduler has now been 'capped' to 1 week after the scheduled receive date.

- A user will still have the ability to run the execution plan at a later date, if required.

2. Performance Optimization in the PPM Fund Scheduler Setup

- Optimized waiting time while scheduled tasks from previous years are loading.

3. Provision of 'Reset' button on Fund Scheduler

- A 'Reset' button has been added to the Execution Plan Wizard menu and on the Fund Scheduler Setup page.

- This button will reset scheduled tasks from all calendar years.

4. New manipulation steps

- A new manipulation step that removes line breaks that are in an excel field in the top row has been added.

- This manipulation step will also take care of an issue in RiskCore where moving backwards from preview mode on Centaur templates was causing all the fields to disappear.

- A manipulation step to delete blank rows has also been added.

5. Info and Release Note Feature

- An 'Info' button has been added to the top menu bar of PPM that will provide version information.

- It will also provide an option to download all the various release notes, as well as the PPM User Manual.

6. Migrate Fund/Client Sync feature enhancement

- 'Migrate Fund/Client' Sync feature in the PPM application can be automated now rather than being a manual step only.

- It will have the ability to run at the same frequency as the execution plan scheduler, for example.

- ## PPM 1.6

  ### 1. Tag Execution Plan with Additional Information

  - The user can tag multiple application names with the Execution plan template.

  - The user can assign a DMS User as the primary owner of each execution plan, along with a secondary owner. This is the person responsible for ensuring that the file is received and processed, while also following up with non-DMS parties in case the file does not come in.

  - The primary and secondary external contact points (i.e. the people) should be tagged with the Execution plan by the source data provider side. These are the people that will be followed up on by the DMS users mentioned in the previous point.

  ### 2. Cosmetic Changes

  - The Data Dashboard has been made as the landing/home page.

  - The Data Dashboard tab is placed to the left side of the menu.

  - The filter has been added to the name (both first name and last name) within the Manage User section.

  ### 3. Calendaring Feature

  The following features have been implemented in this release:
  - Ability to create a generic template calendar.

  - The ability to apply this calendar to an execution plan from the fund schedular setup.

  - The ability to copy this template calendar, edit it and save it with a different name (clone it), so that a new template can be quickly and easily created.

  - The ability to lock-down a calendar once it has been set up so as to restrict any changes made to it.

  As calendars are usually used on a yearly basis, it is suggested to have each template calendar apply to a specific year.
  A calendar can apply to many execution plans, but an execution plan can only have one calendar.

  ### 4. Favorite List for Each User
  The user will now have the ability to create a favorite list which will bookmark the following search parameters (which are taken from the Data Dashboard):

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- Client
- Fund
- SDP
- The sliding date range currently within the Data Dashboard UI i.e. 'T-2', 'T-1', 'Today', etc.
- File Contents

5. Additional Features

- When the FTP authentication fails, the file fetch operation will stop for the remaining files for the same SDP.

- In the Manipulation step, a new option is added as - "Find A Value In A Given Column Name and Delete All Rows Below First Found".

6. Data Dashboard Optimization
Performance optimized on data dashboard section.

- ## PPM 1.5.1

  1. In the Execution Plan, an option for mapping the execution plan with RiskCore Import template was added.

  2. The pre-processed file from the PPM application will be pushed to RiskCore via an API to process the file and insert the records into the RiskCore database.

  3. In the "Data Dashboard", a column has been added to display the file processing status in RiskCore.

NB: All the above had been disabled for PPM versions 1.6 through 1.6.4 because the validation for this process required further development. They have now been reintroduced into PPM application.

- ## PPM 1.5

1. A new option to delete multiple Execution plans in "Execution Plan Wizard" has been added.

2. In the Manipulation steps, a new option has been added as - "Delete specific column".

3. Additional text added in the log file that will help users pinpoint where the File Reading and Identification fell over:

   - File Not Identified due to EffectiveDate

   - File Not Identified due to FileContents

   - File Not Identified due to FundName

4. In the Manipulation steps, a new option has been added as "Delete a specific range of columns".

5. A new page for File Contents has been added to Add, Edit and Delete functionality.

6. In the "Fund Scheduler" section under the "Execution Plan Wizard", a user can manually insert a number into "As at" and "From to" dates.

7. In "Data Dashboard", a "Run" button has been added on the top of the grid to run multiple selection of Execution plans.

8. In the Manipulation steps, a new option has been added as - "Rename Specific Cell".

9. In the "Data Dashboard", a functionality has been added to save filters so that they can be restored when the user reloads a page or comes back to the page after visiting a sub-page.

10. In the Data Dashboard - Predictive text as first step to filter and then load the Client dropdown.

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- ## PPM 1.4

  1. In the Manipulation steps, a new option has added as - "Find Value in a Given Column Name and Delete Entire Row of All Other Occurrences (Excluding the Top Row)".

  2. In the Manipulation steps, a new option is added "Convert a Column Format (Custom to General)".

  3. Admin user can retrieve SDP names from [Entity] table where SourceDataProvide = "Yes", by clicking on "Migrate Fund / Client" button under Manage User.

  4. In the File Manipulation Step, the following changes have been applied:

     - The Manipulations are in alphabetical order.

     - Color code changed depending on the action type.

  5. The format of the delivered files (file output naming convention) from the PPM application has been changed from "Fund Name + File Contents + Date" to "Fund Name + Date + File Contents".

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- ## PPM 1.3

   1. During Pre-Process, all the files having extension .xlsm will be converted into .xlsx file.

   2. In the Manipulation steps, a new option is added to ungroup columns and rows.

   3. In the Manipulation steps, a new option is added to unhide columns and rows.

   4. Pre-Processed files to default to no-password is required when original file is password protected.

   5. In the Fund scheduler, an item "Semi-Annual" has been added to the Frequency tag drop down.

   6. During manipulation, issue fixed for "Delete All Blank Columns" rule which was not working.

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- ## PPM 1.2

1. The application will push a pre-processed file to a folder on the DMS drive (e.g. \\dms-ire-na2\vol_Risk_FUNDDATA_Client\) once the file pre-processed successfully.

2. A new feature to give access permission to specific menu(s) / tab(s) for a User has been added.

3. During Pre-Process, all the files having extension .xls will be converted into .xlsx file.

4. An option to "Unwrap All Cells" in the manipulation step to remove "Wrap text" from Top row of excel file has been added.

5. Some modifications have been made to the UI as follows:

    - Characters ":" have been removed from UI.

    - Rename "Widgets" to "Manipulation Rules" in Manipulation Step.

6. In the SDP connection, mandatory field validation has been removed for the following fields: Address, Email, and Phone.

7. In the Execution plan, an SDP Connection issue was fixed (message will be displayed if connection does not exist against a SDP).

8. Fix - During SDP creation, if a connection is already used in an Execution plan, a user cannot change the SDP of an SDP connection.

9. In the Dashboard, an issue was fixed where Download feature appeared to stop working when selecting multiple files and a specific date range was selected.

10. During manipulation, issue fixed for "Delete All Blank Columns" rule which was not working.

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- ## PPM 1.1

   1. In the Fund Scheduler Setup – We have added following additional functionality – Date Range, Weekdays, and Weekly.

      User can select a Date Range (from – to) that allows for recurrence:

      - Daily option – Select all weekdays within the range (excluding holidays).

      - Weekly option – e.g. 5th July, 12th July, 19th July etc., all the way to 20th Dec (excluding holidays).

      - Monthly option – Select the last working day of each month (excluding holidays).

   2. The application can now also fetch .pdf file(s).

   3. Client Name is added in the filter option in Data Dashboard.

   4. "Yesterday" to always point as last weekday (excluding Holidays) e.g. if Today = Monday then Yesterday = Friday in Dashboard.

   5. Execution Plan Wizard - Clicking the step will bring the user to the specific location.

   6. Set the default value to "None" for the following dropdowns: Client, Fund Name, File Contents, and Source Data for Dashboard.

   7. ":" has been removed from naming convention in Dashboard.

   8. There is an option to select multiple Pre-processed files in one go and download them in the dashboard.

   9. In the Dashboard, the date range works with the "Report Expected" field instead of "File Expected".

   10. Added T-2 and T-3 dates in dashboard. e.g., for Today (4th July), yesterday, then the user will have options to select 2nd July, 29th June.

11. Added a "switch" button under Manage User, so that Admin user can get it to feed from the "clientSubscritpion" and "Entity" tables.

12. File Path Checking was fixed.

13. SDP name containing "|" character was removed, which is one of the invalid character in windows operating system for directory path/file name.

14. Replace Value functionality has been fixed in File Manipulation.

15. CDN (Content Delivery Network) issue was fixed. The plugins have been included in the application locally.