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SensibleAI Forecast Release Notes

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Release PV9.1.0 SV410

The theme of this release is functional improvements for SensibleAI Forecast, including enhanced data source management, streamlined project configuration, centralized feature package management, expanded feature options, and usability refinements.

Compatibility

Use OneStream Software platform version 9.1.0 or later with this version and Xperiflow version 4.1.0 or later.

Enhancements

Data Source Updates

- Enabled bulk data source refresh jobs, allowing users to update multiple source tables simultaneously.

- Surfaced information about originally configured data sources for targets, features, and data source updates.

- Blocked updates when data frequency does not match the original expected frequency.

Project Configuration Dashboard

- Delivered a unified dashboard that provides access to all configurations for a given SensibleAI Forecast project.

- Implemented import/export functionality to allow project configurations to be reused when seeding new projects.

Feature Package Manager

- Built a centralized manager for configuring feature packages, grouping related events and generators that can be shared across multiple projects.

Events

- Created Events and Events imported from Feature Packages can bypass Feature Selection.

- Event Transformation settings can be applied to created Events and Events from imported Feature Packages.

Feature Library

- Added three new generators:

  - [Hospitals by Country | World](#)

  - [Hospital Beds by Country | World](#)

  - [ICU Beds by Country | World](#)

Prediction Summary Web Dashboard

- Removed the plain-text prediction explanation summarizing top features for specific dates when selecting values in the Forecast vs. Actuals visualization.

- Added tooltip summaries displaying prior historical actuals when viewing the full training data range.

- Events are displayed correctly on the Forecast vs. Actuals page for grouped models.

- Restored the Group Name column to the Targets pane.

Consumption Groups

- Removed the "Don't Exclude Any Models" option from the Global Model Exclusion input to align with the intended exclusion workflow..

- Improved the consumption group creation workflow through clearer descriptions, refined selection options, and added contextual guidance for each choice.

BUX Compatibility

- Resolved styling and functionality issues to ensure proper operation within BrowserUX.

Self-Service Enablement

- Reconfigured solution input fields to use clearer, more descriptive labeling to support effective self-service.

Monitor System User Interface

- Enhanced the user interface with an overview page that guides users through system concepts.

- Upgraded the flag and filter parameter input workflow and added the ability to review flag and filter details in a drop-down window.

- Improved the results page to display relevant data in a clear, easily digestible format.

Fixed Issues

- Resolved reference error for unprocessed feature sources.

- Clicking the progress button without selecting a job in AI Services Log no longer causes an object reference error.

- Default Cross Validation selection refreshes the page to display advanced configurations.

- Deleting the only project no longer causes a styling error on the Home page.

- Updating the timezone redirects the user to the correct page.

- The Run Simulator button uses new run names as intended.

- Health page sorts correctly in chronological order.

- Forecast Snapshots on the Configure Forecasts page display actual target statistics instead of rounded numbers.

- Users cannot complete a data source update when the frequency of the new data does not match the original frequency.

Known Issues

- In BrowserUX, downloading results from the Project Configuration, Pipeline Arena Summary, and Analysis Forecast pages is not accessible.

- Filling out multiple drop-down boxes within Source Data Upload, Feature Data Upload, or Data Update dialog input forms quickly will fill in with defaulted dimension values instead of persisting the previously selected values. It is recommended to avoid clicking through fields rapidly.

- Within the Pipeline Arena page or the Analysis Forecast page, navigating from the Waterfall or Periodic Explanations views to the Tug Of War view will result in the Tug Of War plot only taking up half the screen. It is recommended to click a dropdown from the model arena table to fix the width of the Tug Of War visual.

- Within the Pipeline Arena page or the Analysis Forecast page, when viewing the Periodic Explanations page, feature names may extend outside of their cell bounds and overlap with the cell values. It is recommended to expand the width of the column by clicking and dragging on the column divider.

- Within the Pipeline Arena page, Analysis Forecast page, Artifacts page on the Runs page of STU, or when inputting parameters for Routine Runs within STU, users may see tooltips over buttons that do not make sense. The first tooltip that is displayed will be correct but subsequent ones may be the same as the first one.

- Within the Pipeline Arena or the Analysis Forecast page, the PolyElasticNet and Cubist Model variants will generate Feature Impact results but will not generate Feature vs. Actual plot data.

- The solution does not block you from making project model build alterations while that project is being copied. It is recommended to avoid making alterations to the project while it is being copied.

- When running model builds that leverage Hierarchical Forecasting with reconciliation, it is possible for targets to disregard the Allow Negative Targets setting and produce forecasts with negative target values.

- When projects are running pipelines or other costly jobs consuming more than 75% of server resources, page rendering speeds may increase by 25%.

- On a project restart, previously configured events may be removed. It is recommended to revisit events and assignments after restarting a project.

- Users are not blocked from running the restart job while a project copy is running. This is not recommended as the projects may end up being in different states. It is recommended to avoid running a restart job (or any other job) while a project is being copied.

- Direct export of SensibleAI Forecast DMF tables that utilize hierarchical forecasting will require manual intervention to populate unused dimension columns with real values.

- If the user has already processed a set of flags and filters in the monitor system, the results page reflects the results of that processing. However, if the user deletes or updates their flags and filters but does not process them, the results page is still accessible and consists of the results pertaining to their latest processing run.

Contacting Support

Contact OneStream Support by registering at:

[Support - OneStream Software](#)