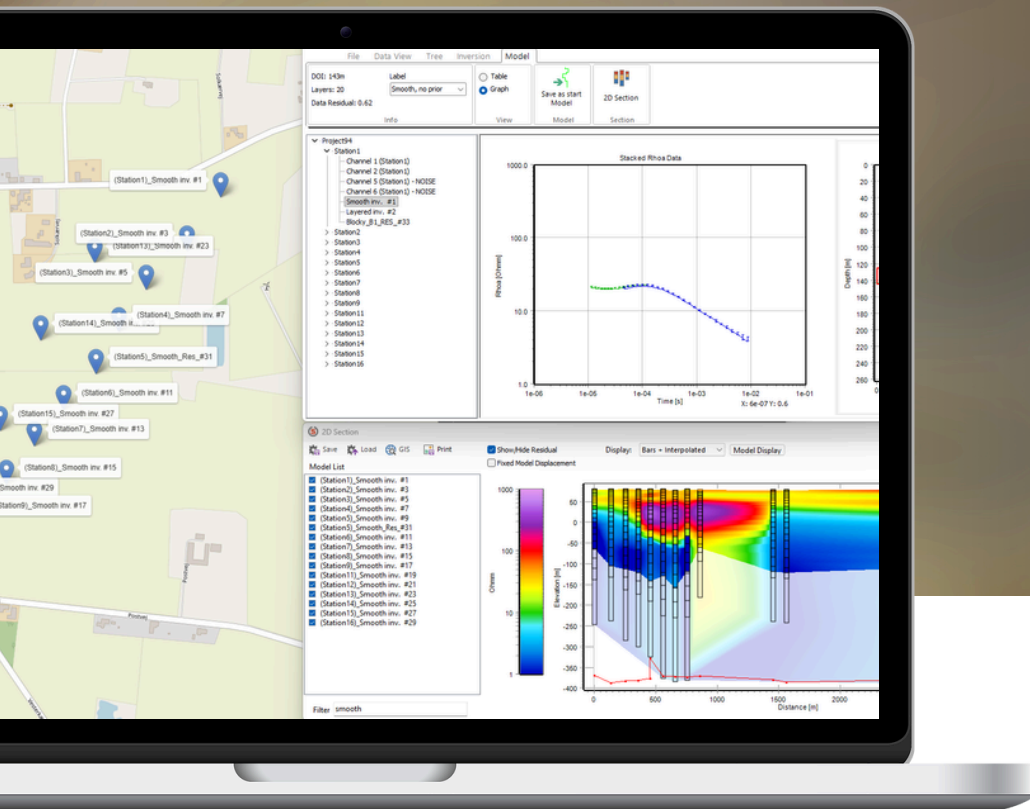




new
release



SPIA 2026.2 Release notes

Export the right data. Keep locations consistent.

This release introduces new options for preparing data for export and reviewing sounding locations across projects. The release adds sounding-position export with optional labels, automatic shapefile generation, model-type selection, and improved model filtering. New project-location views make it easier to review sounding locations across projects, while import validation identifies and excludes datasets with mismatched EPSG information before they are added to a project.

In addition, SPIA 2026.2 includes usability improvements and corrected issues across coordinate-system handling, model workflows, and data display.

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New and improved features

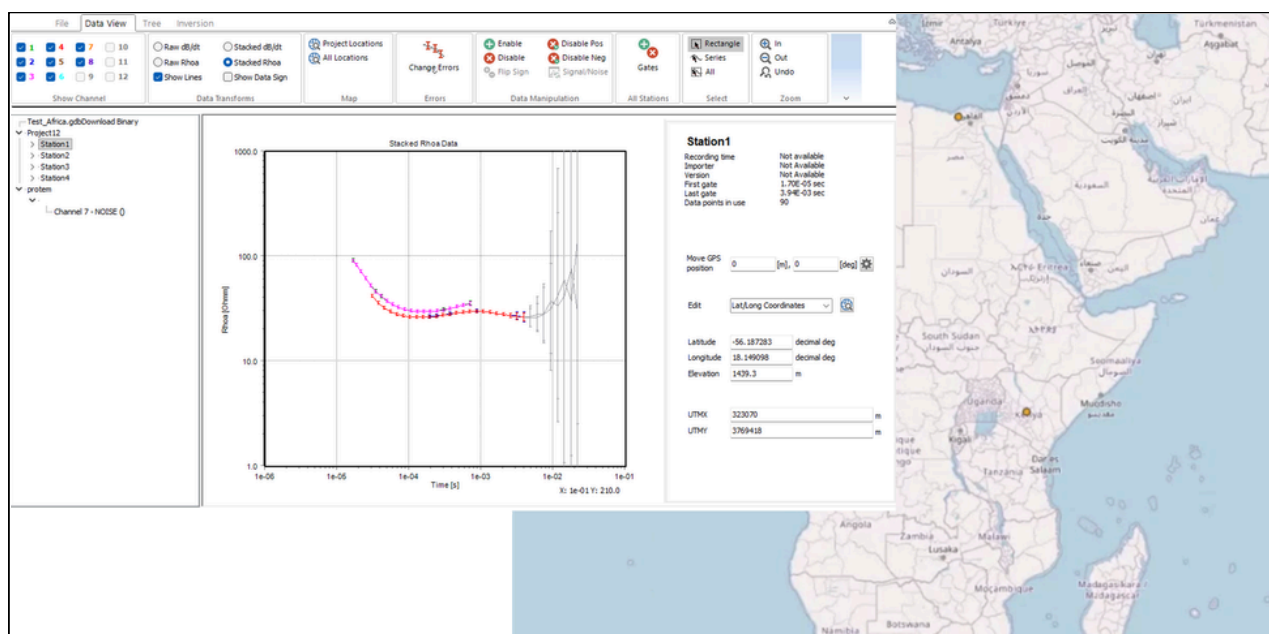
Prepare data for downstream use

SPIA 2026.2 introduces new options for exporting sounding positions alongside raw or stacked data. Sounding positions can now be exported in shapefile format, with the option to include labels.

Position labels help retain the identity of individual soundings when exported locations are displayed on a map. Sounding positions and exported data can now be produced together as part of the same export workflow, making it easier to export location information alongside the output data.

The release also improves model export filtering. Projects containing multiple inversion results can now be filtered by model type before export. Users can select blocky, smooth or layered models and combine multiple model-name terms when narrowing the export list. Once the required models have been selected, they can be exported using the existing export options.

A smaller usability enhancement keeps the selected file tab highlighted when working across files and windows, making it easier to identify the active workspace.

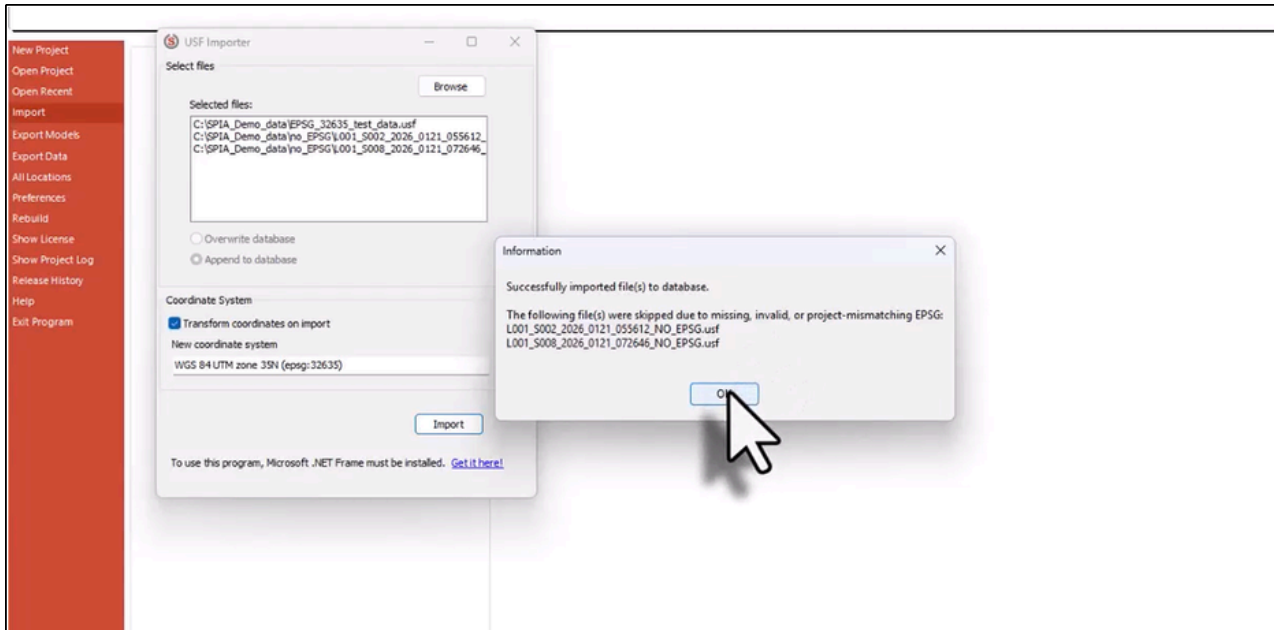


Keep sounding locations organised

A SPIA database can contain multiple projects. SPIA 2026.2 introduces additional ways to review sounding locations across those projects using OpenStreetMap. Users can open separate map tabs for individual projects or display soundings from all projects in a database on a single map. This makes it easier to review sounding locations when working across multiple projects.

Each project can be displayed separately, while the combined view displays soundings from every project in the active database. The same location views can also be accessed from the File menu.

SPIA 2026.2 also enhances data import validation. During import, SPIA identifies and excludes datasets with mismatched EPSG information before they are added to a project. Users are informed which datasets were excluded, helping maintain consistency when combining data from different sources.



Technical release details

New features

Data management

- Enhanced data export with sounding-position export options, optional labels and automatic shapefile generation for selected soundings.
- Improved model export filtering with model-type selection and support for order-independent multi-part filters.
- Added visual highlighting for selected file tabs to make the active tab easier to identify.

Spatial referencing

- Added new map views to display locations for the active project or the entire database using OpenStreetMap.
- Enhanced data import validation by ensuring imported data matches the project's coordinate system (EPSG) and providing clear feedback for incompatible data.

Corrected bugs

- Corrected the validation message displayed when no channels are selected for inversion.
- Fixed an issue where EPSG coordinate transformations in SPIA were not applied correctly.
- Improved renaming by ensuring updated sounding names are displayed consistently throughout the application.
- Fixed an issue where the selected IP mode was not retained when using Advanced Run All.
- Fixed an error that could occur when using Disable Positive or Disable Negative options with no data loaded.