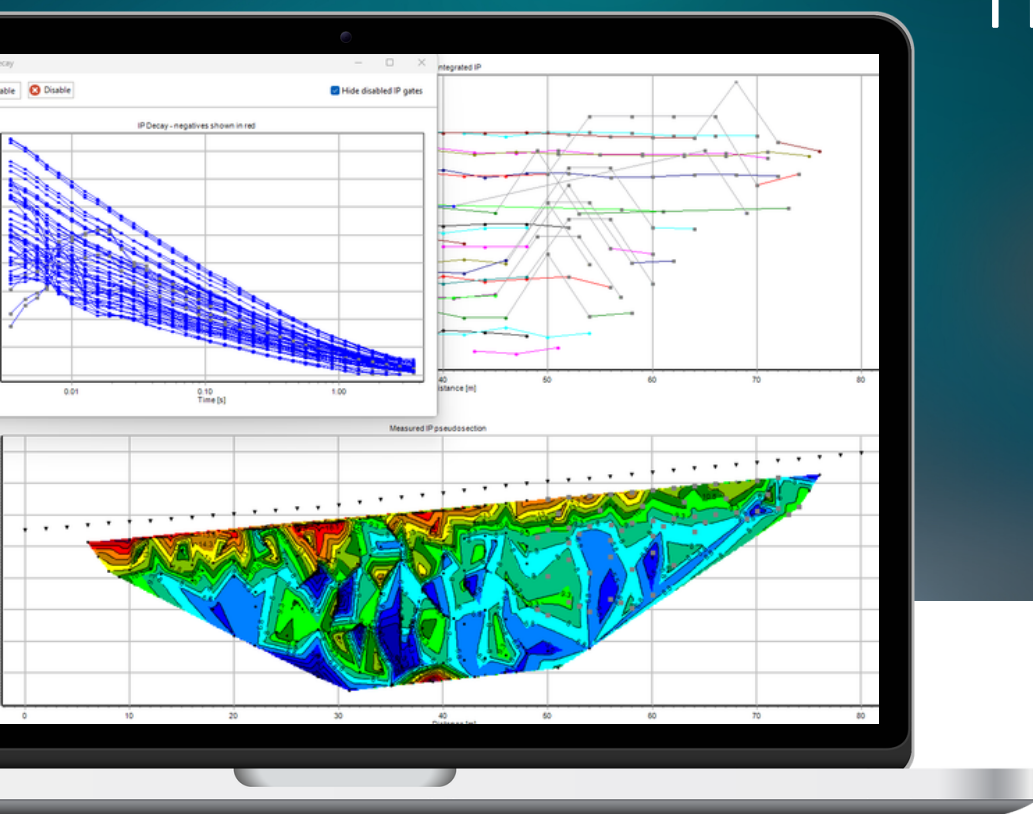




Res2DInv 2026.2 Release Notes

Export georeferenced grids. Control IP decay data.

This release focuses on improving how results move into Oasis montaj and Leapfrog, and how data is prepared for inversion. It makes it easier to bring crooked sections across with spatial alignment preserved, review IP decay data, and work with fixed regions and water surfaces before running an inversion.

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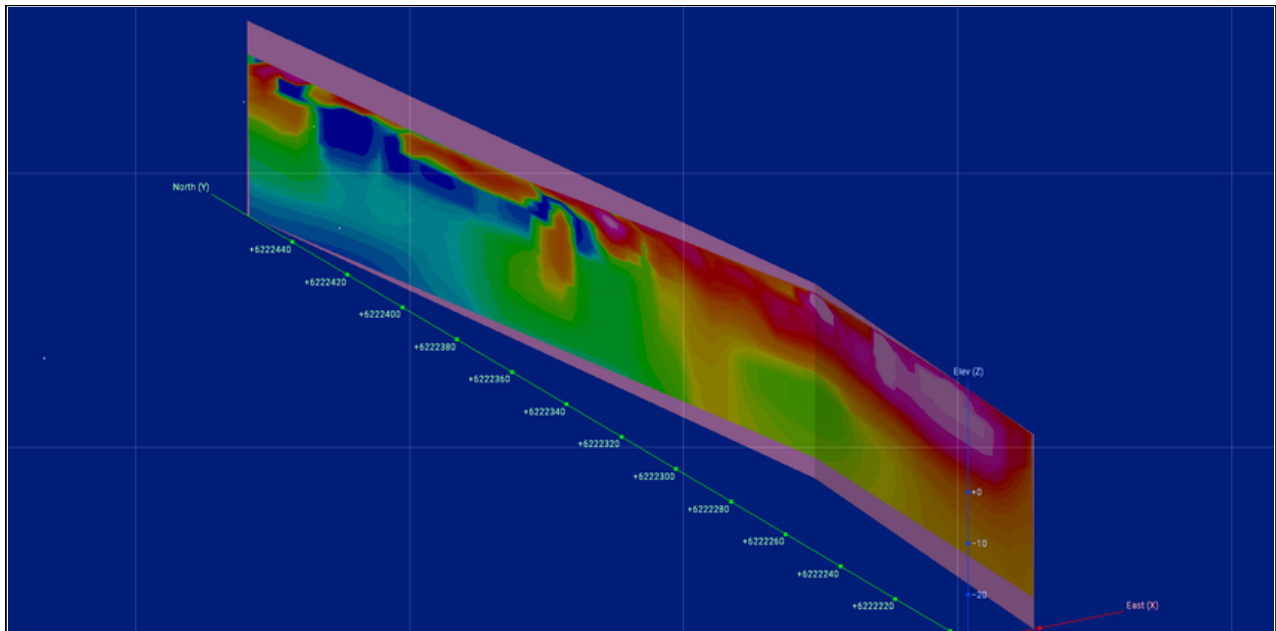
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New and improved features

Export georeferenced grids

Keep results aligned when moving to Oasis montaj and Leapfrog

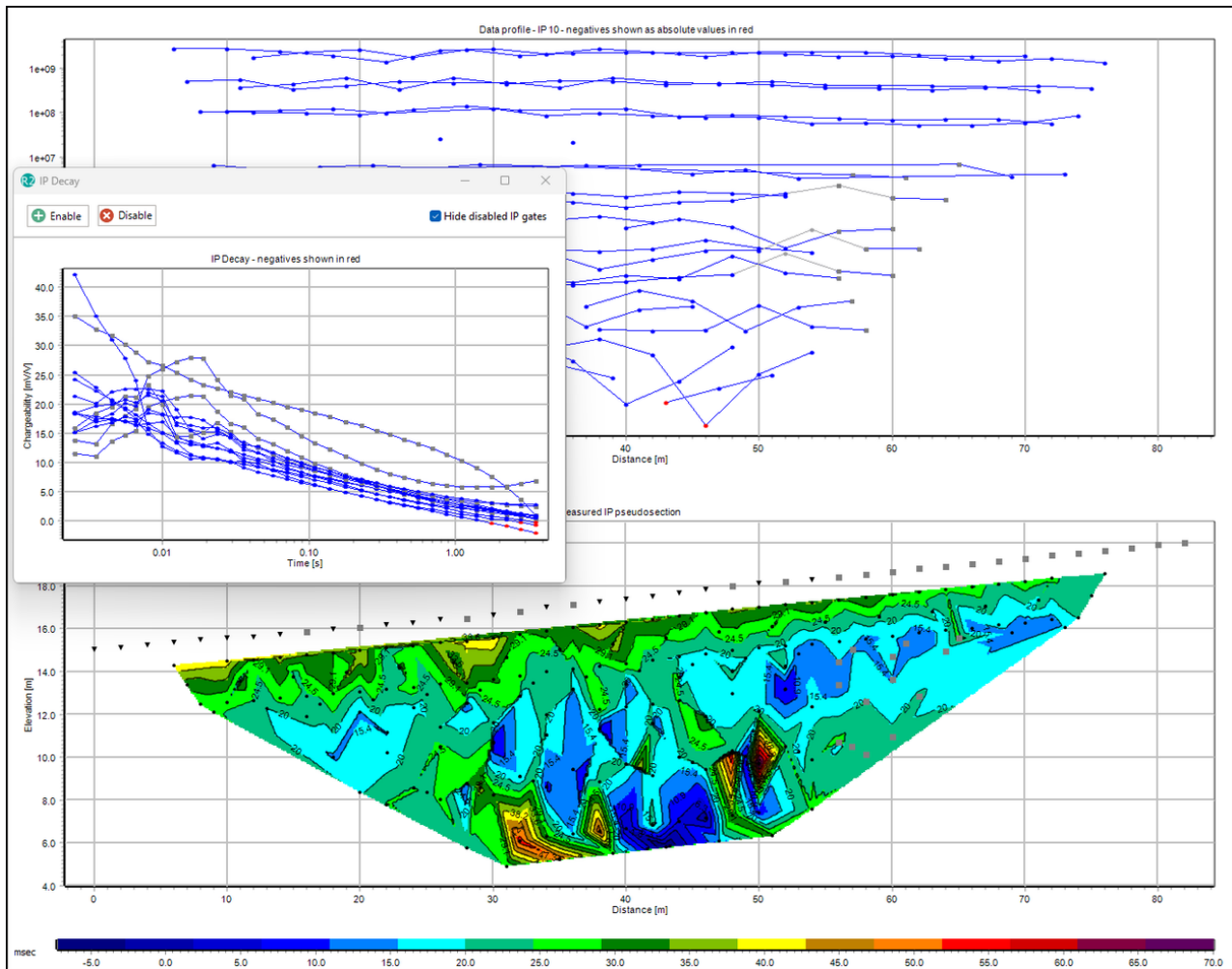
Export georeferenced grids directly to Geosoft format, preserving spatial alignment when working in Oasis montaj and Leapfrog. Straight and crooked section grids are supported, removing the need for manual alignment after export.



Take control of full IP decay data during preparation

Isolate the most relevant IP decay signals before inversion

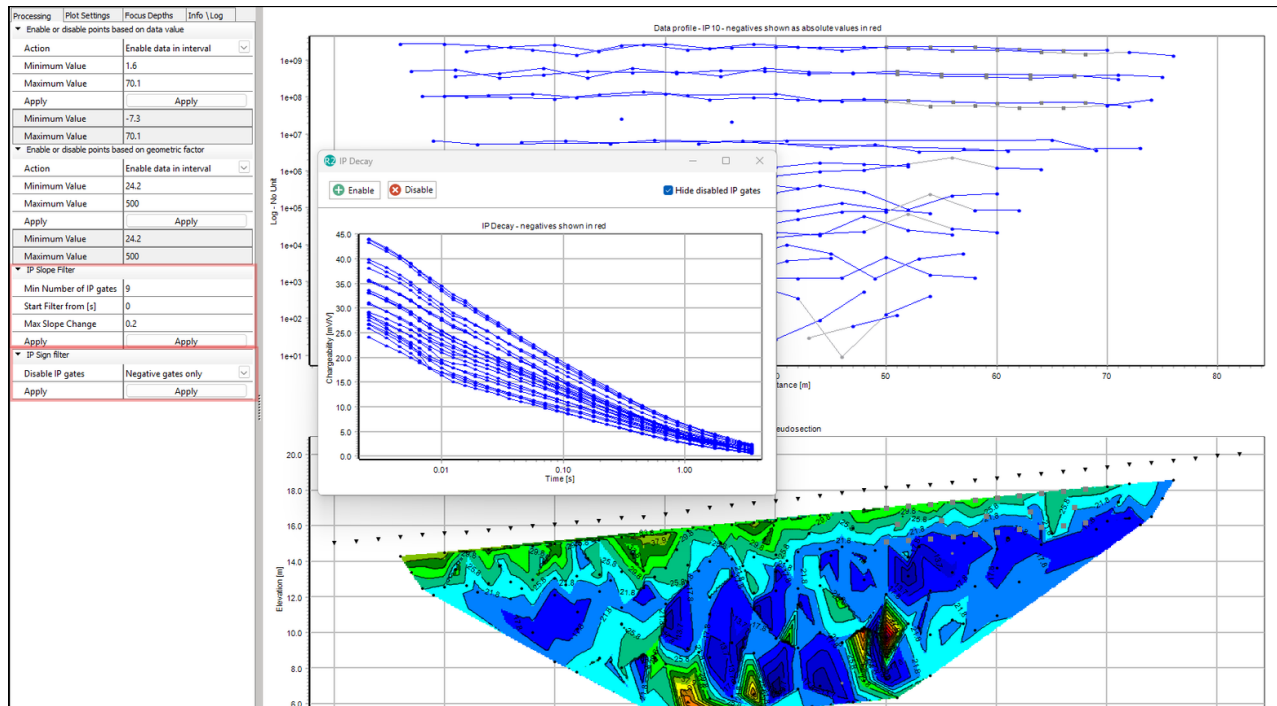
Working with full IP decay provides more control during data preparation, with options to disable entire curves, reducing the need for repetitive gate-by-gate cleanup. Disabled points can also be hidden in both the profile and decay plots, making plots easier to read and improving autoscaling during QC.



Refine IP processing without repeating earlier cleanup

Test processing choices without losing work

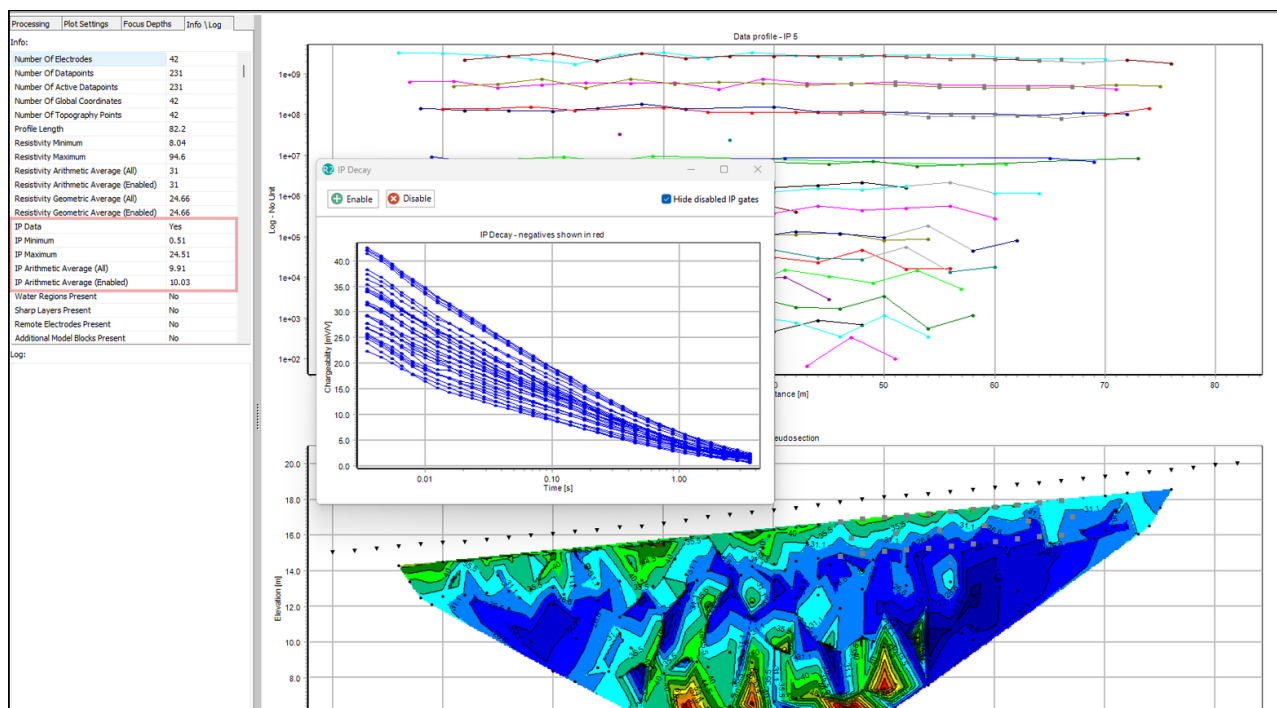
Manual cleanup is now preserved when applying full decay IP processing filters. Slope and sign filters are handled separately, giving more control over how decay data is filtered. This supports an iterative workflow, allowing processing decisions to be refined without resetting earlier edits or rebuilding the dataset.



Compare IP decay data consistently across views

Spot differences without re-adjusting displays

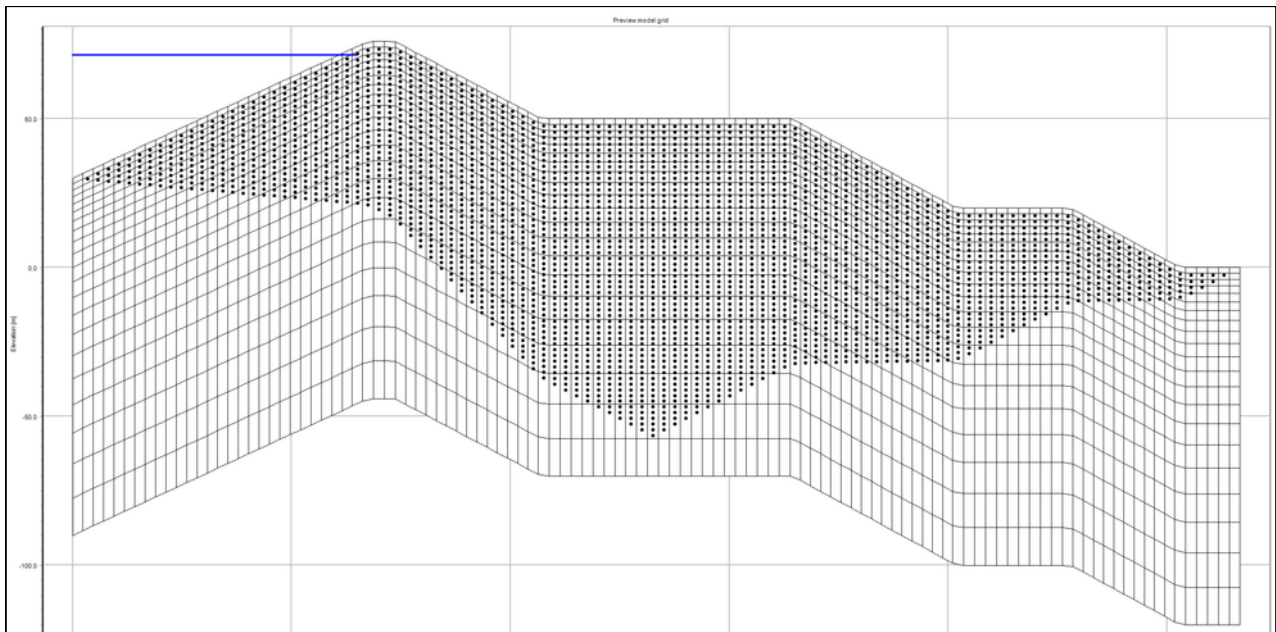
Colour scale changes applied to an IP window or integrated IP can now be applied consistently across all IP windows and integrated IP views. Full IP decay details are also shown in the dataset information tab. This makes it easier to compare IP behaviour across views and datasets while keeping visual context consistent during review.



Use fixed regions and water surfaces in model setup

View and edit inversion constraints before running inversion

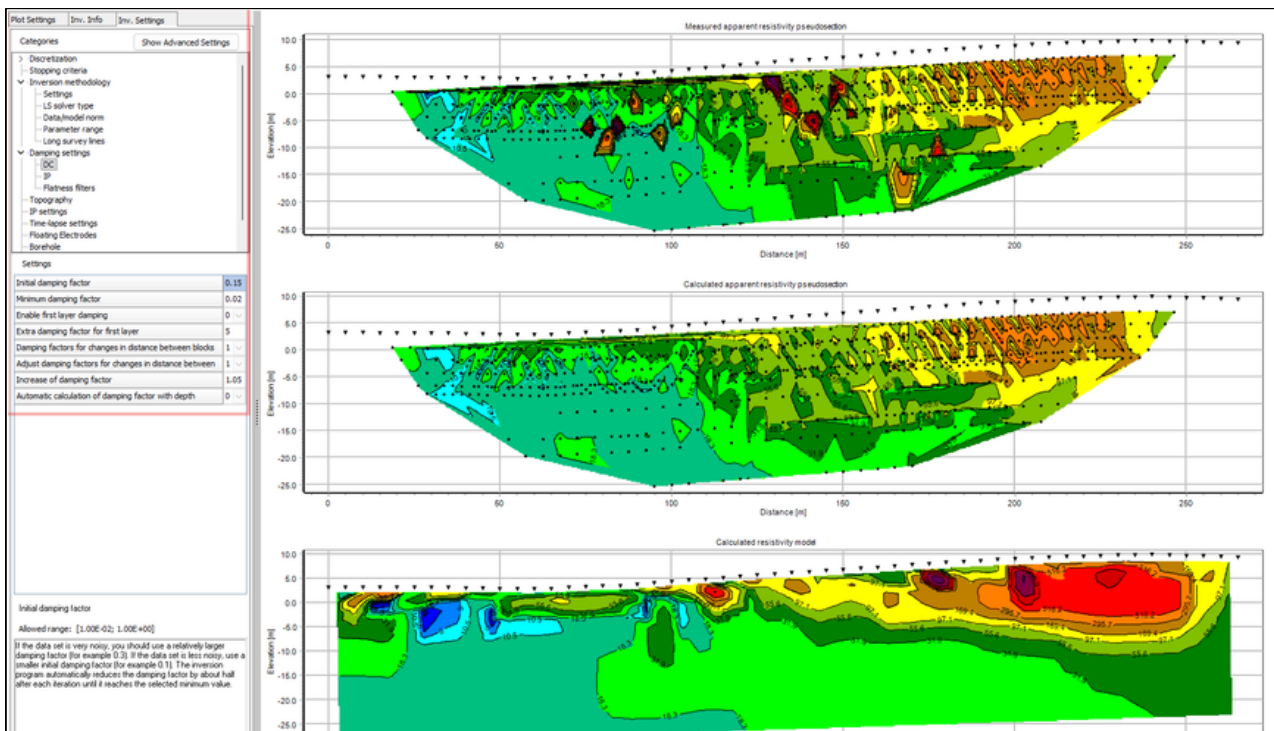
Fixed regions and water layers are now visible in the interface and can be edited before inversion. This makes it easier to check and adjust how fixed regions and water layers are applied when setting up a model.



Reuse inversion settings from existing results

Build on previous models with less setup

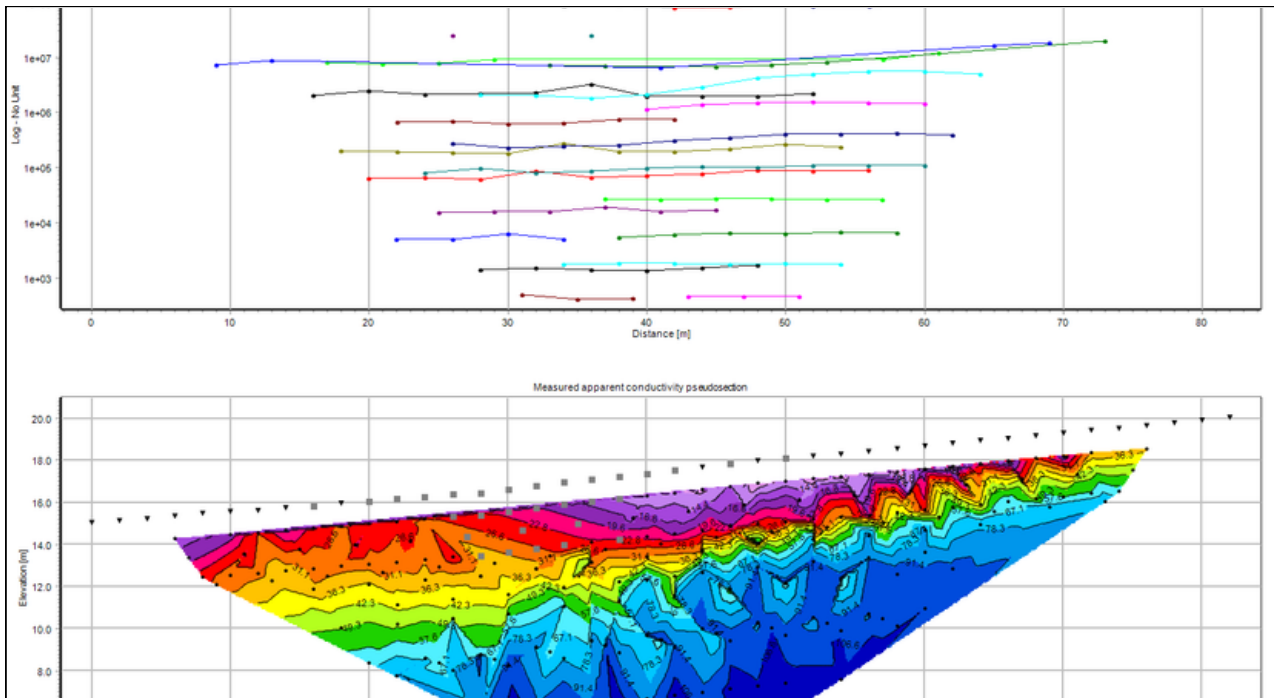
When loading an existing model, the inversion settings used to create it are now visible and can be saved for reuse. This supports consistent setup across projects and reduces repeat configuration when building on earlier results.



Undo the most recent processing step without restarting

Recover quickly during data preparation

You can now undo the most recent processing step, whether it was a manual edit or a filter application. This makes it easier to test changes, review outcomes, and step back when needed without reloading or rebuilding the dataset.



What's changed in this release

New features

- Export georeferenced crooked sections to Geosoft grid format
- View fixed regions and edit resistivity and weight
- View water layers and edit resistivity, IP and elevation
- Undo the most recent processing step, including manual edits and applied filters
- View inversion settings from an imported model (.r2r file)
- Save inversion settings from an imported model to an .ivs file
- Use the 'Merge .dat files' tool on a single file (for reversing a profile)
- Preserve original coordinates when merging .dat files
- Improved performance for large borehole datasets

Electrode editor

- Copy and paste multiple cells from a spreadsheet
- Use the Tab key to move one cell to the right

Full-decay IP

- Enable or disable entire IP decay curves
- Enable or disable specific IP gates across the dataset
- Hide disabled points in profile and decay plots to improve auto-scaling of y-axes
- Apply colour scale changes across all IP windows and integrated IP
- Use separate slope and sign filters for full-decay IP
- Preserve manual edits when applying IP filters
- View full-decay IP details in the dataset information tab
- Support for 'NaN' values on import

Corrected bugs

- Integrated IP not recalculated after applying an IP processing filter
- Logarithmic colour scales applied incorrectly to IP windows with negative values
- Global coordinates not preserved when saving .dat files with borehole information
- When merging .dat files, reversed profiles could mirror distance around the first electrode
- Inversion could fail for index-based file formats when electrode spacing was very small