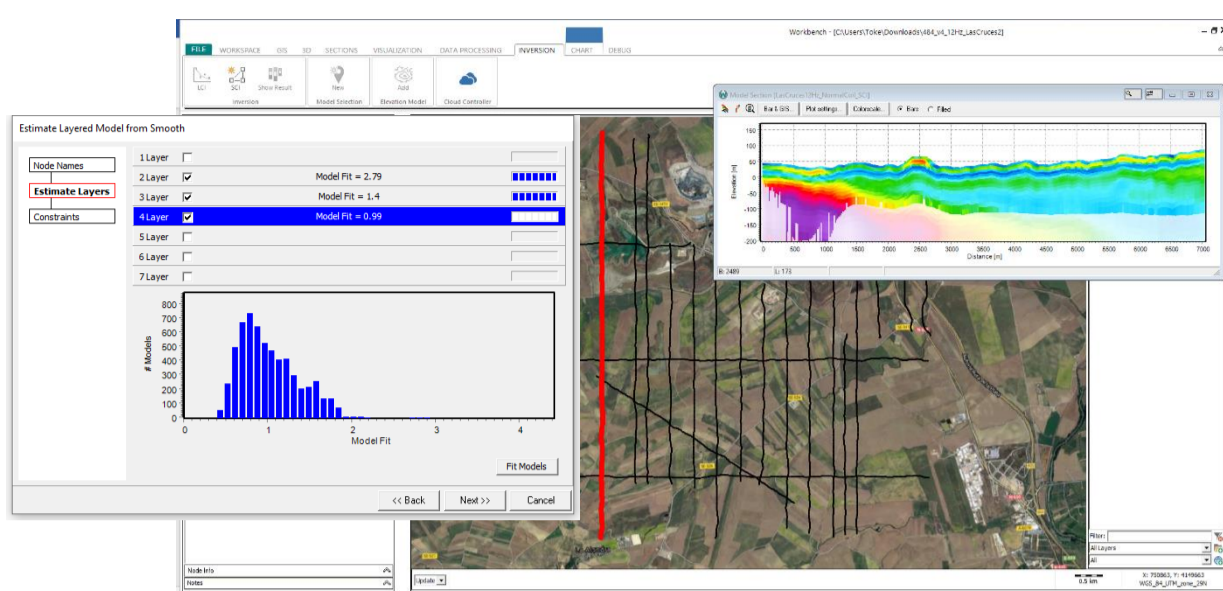


NEW WORKBENCH & RES3DINV RELEASED



The new Workbench 6.5 is released with new features. Some of them are:

- New SCI inversion tool**
 New tool to create a few-layered inversion from existing smooth layer models. With this tool, it is possible to calculate the model fit for a number of layers in a few-layer model. This model fit will help selection the best estimated number of layers for the inversion. Get help with the tool by using the F1 help function in Workbench.
- Tempest importer**
 The importer for the airborne Tempest system now supports data units in PPM and receiver pitch and roll for inversion.
- Firebird database**
 Workbench now uses an embedded Firebird engine. The installed Firebird service from previous versions is no longer used.
- New importer for the Loupe EM profiling system**
 The ground based TEM module in Workbench now includes an importer for the data files from the Loupe EM system. With the importer it is possible to see and edit the instrument specifications.
- Export profiles with batch tool**
 Profile images can now be created and exported with fixed scales for the Batch Profiles tool.
- Topography on ERT model**
 Add topography to ERT model selections from LCI inversions.
- More features and fixes in the [release history](#)

New Res3DInv released

Res2Dinv 3.19.0 has been released with significant performance improvements.

For large data sets, four sub-procedures have gained a large performance boost. For example, our testing indicates that a data set with about 110,000 point electrodes and 650,000 measurements took more than two hours to load and prepare for inversion in older versions. With the new version, this was now completed in about a minute.

One of the optimized sub-procedures also improves the performance of the grid-editing capabilities within the 'Display/edit grid and view point electrodes' feature. Here, the user can refine the model grid interactively by adding horizontal or vertical grid lines. Earlier each click would result in a recalculation that could take several minutes. Now, the recalculation is so fast that the response of the program is only a few seconds for the largest data set. This practically enables the use of this feature for large data sets.

The new features are:

- Very large reduction of time spent by several procedures called during load of large datasets: Check of data positions, electrode number calculations, check of topography data and calculations of nearest point electrodes.
- Less restrictive limitations for the number of electrodes allowed in a given data set for professional and enterprise license.
- For the 'Splice large survey grids' (enterprise license only), the possible number of subdivisions in each horizontal dimension has been increased.

See all features and fixes in the [release history](#)