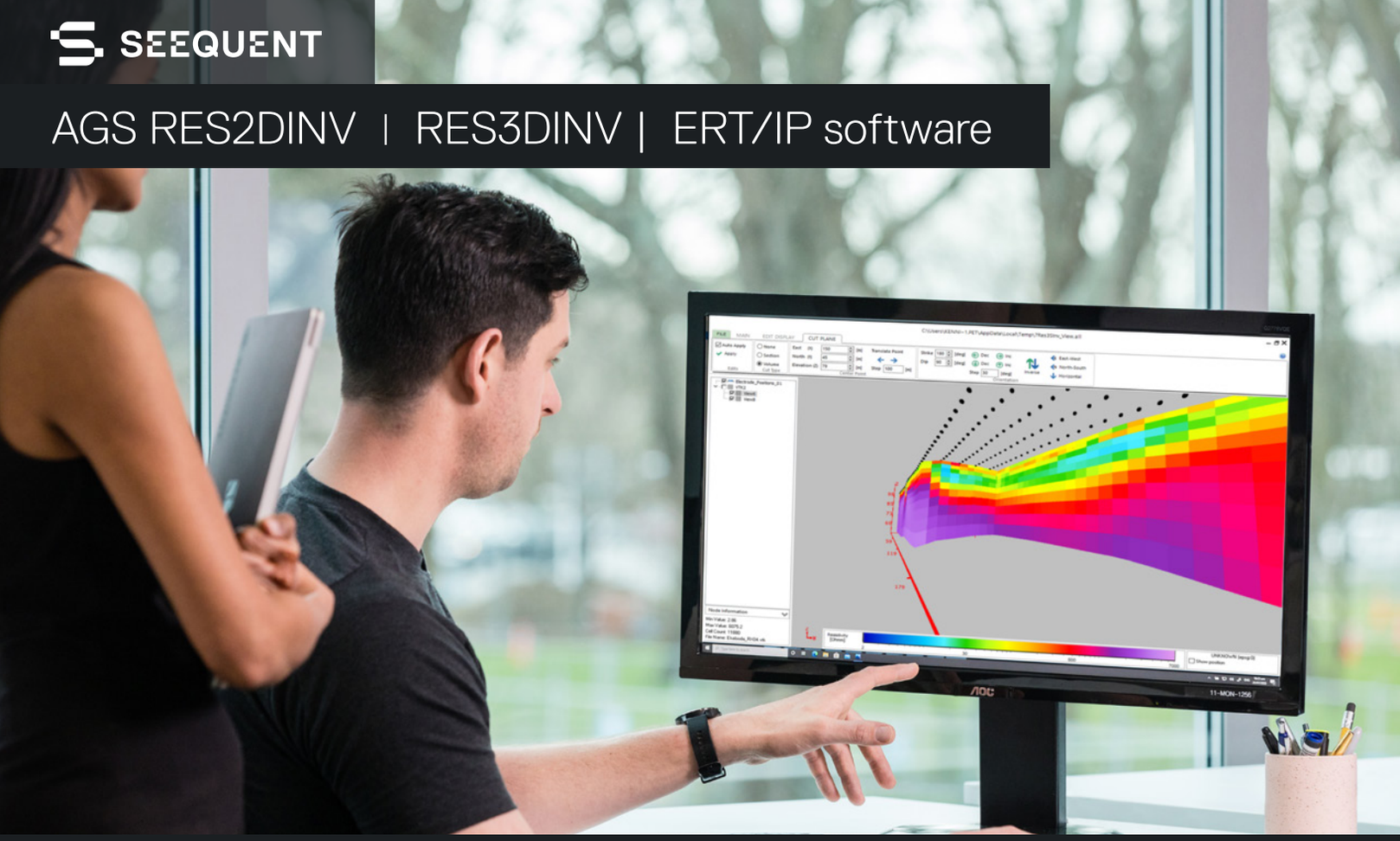
SEEQUENT

AGS RES2DINV | RES3DINV | ERT/IP software

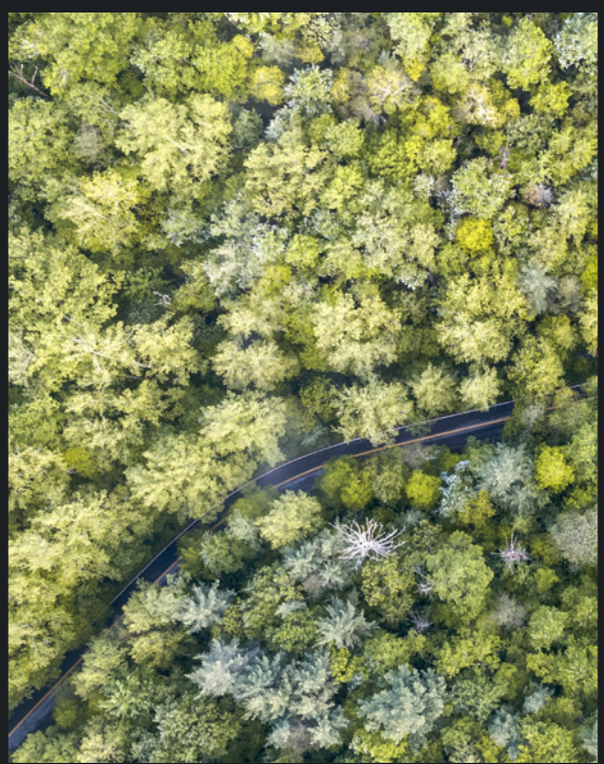


AGS Res2DInv and Res3DInv are powerful software packages for inversion of 2D and 3D electrical resistivity tomography (ERT), direct current (DC) and induced polarization (IP) data. With the market's fastest resistivity and IP inversion algorithms, AGS Res2DInv and Res3DInv provide cost-effective and easy-to-use workflows for 2D/3D processing and inversion for land and underwater surveys.

The software supports numerous data formats, all electrode configurations, and provides an easy route from data to model visualisation. Model results can quickly be exported for further analysis in other solutions such as AGS Workbench or Oasis montaj.

Continuously improved for more than 25 years, AGS Res2Dinv and Res3Dinv are well-known, optimised, and robust inversion solutions that deliver fast results.









AGS RES2DINV | RES3DINV | ERT/IP software

KEY FEATURES

- Time lapse inversion
- Cross borehole inversion
- Support for streamed and underwater surveys
- Support for all electrode configurations
- A priori constraints
- Smooth and sharp inversions
- Simple inversion and visualisation options
- 3D viewer for Res3DInv

RES2DINV

- 2D inversion of ERT DC and IP data for resistivity/ conductivity and chargeability
- Support for common electrode configurations as well as custom electrode configurations, underwater and cross-borehole surveys
- Basic data processing options
- Smooth and sharp inversion support
- Optionally incorporate known geophysical information to guide and constrain inversion
- Easily visualise pseudo sections and inversions and export results to visualisation and interpretation software
- Time-lapse inversion support and easily combine datasets into a time-lapse dataset
- Import data from a wide range of native file formats, including the standard .dat format

AGS WORKBENCH INTEGRATION

- Fully integrated with GIS and visualisation tools in AGS Workbench Essentials
- Compare results with other data types, boreholes, and geophysical logs
- Create sections, depth slices, advanced 3D views, and PDF reports

RES3DINV

- 3D inversion of ERT DC and IP data for resistivity/conductivity and chargeability
- True 3D dataset inversion and combine datasets from 2D survey lines
- Support for common electrode configurations as well as arbitrary electrode configurations, borehole, subsurface, and spatially extended electrodes
- Water layers and bodies, and streamed electrode configurations
- Smooth and sharp inversion support
- Remove bad data points based on dataset and inversion statistics
- Optionally incorporate known geophysical information to guide and constrain inversion
- Easily visualise horizontal and vertical sections or export to 3D visualization software
- Time-lapse inversion support and easily combine datasets into a time-lapse dataset (professional license required)

LICENSING

- **RES3DINVx64 Starter** | Limited to 1000 electrodes and 5 iterations for 3D inversion, unlimited 2D inversion
- **RES3DINVx64 Basic** | Limited to utilizing 8 GB RAM and 1.6 million modelling grid nodes
- **RES3DINVx64 Professional** | Utilize up to 256 GB RAM. Supports time-lapse inversion

AGS Aarhus GeoSoftware

phoenix GEOSYSTEM INDONESIA

Company Name : PT. Phoenix Geosystem Indonesia
Address : Rasuna Office Park, 2nd Fl, Unit GO-01
Jl. HR. Rasuna Said Jakarta 12960 Indonesia
Website : www.phoenix-geosystem.com
Email : info@phoenix-geosystem.com