

Dear Tesseral clients!

We are pleased to announce a new release of Tesseral Geo Modeling product

Tesseral Pro Version 5.3.0 was moved to x64 architecture. Many third-party libraries were updated. This allows working with large layouts and utilize > 3Gb RAM

It is now available for installation/update from our download center: <http://www.tesseral-geo.com/download.en.php>

From the whole new list of new features, we'd like highlight the following:

- Fixed connection to FlexLm license server in Windows11 (discontinued outdated WinXP support). Any number of licensed cores (threads) and GPU is now available.
- Significant improvements of Survey Planning module especially for deep sources/receivers (such as in VSP and offshore surveys), developed graphics and statistics, accelerated calculations
- further speedup of 3D Ray Tracing, 3D Ray tracing for PS waves
- improved and accelerated 3D visualization
- PNG image support as a background
- support of observed velocities in 2D, 2.5D and 3D viscoelastic simulation
- improved processing specification in Create Processing Queue, DMO added, and 2D depth migrations (PSDM, VSP PSDM, DWM) corrected to support profiles not parallel to X;
- new formats of acquisition geometry (shapefiles of ESRI ArcView GIS, popular offshore formats P1-90 and P1-11), corrected acquisition geometry import from SEG-Y, implemented import of static layers from shapefiles
- multiple minor improvements such as forecasting of the left simulation time in the Modeling Progress dialog, visualization of SEG-Y model background in Snapshot View, autodetection of PDF viewer for help, export of a selected SEG-Y trace in text file, etc.

The updated user manual provides clear instructions on how to implement all features and it can be accessed in the *Help Menu* and on our website <http://www.tesseral-geo.com/documentation/en/workstation/Tesseral Pro User Manual-5.2.2.pdf>

In order to update/install the latest version please follow the instructions in the attached installation manual. Please select the appropriate manual depending on your license type.

Our support team will gladly answer any questions regarding our latest release, so please feel welcome to email us at support@tetrale.com

Best regards,

Tesseral Technologies