

RadExPro 2017.4

release notes

We wish you Happy Holidays and all the best for the New Year 2018!

And at the very same moment, we are excited to announce the last RadExPro of the year 2017 – **RadExPro 2017.4 Happy Holiday Edition!**

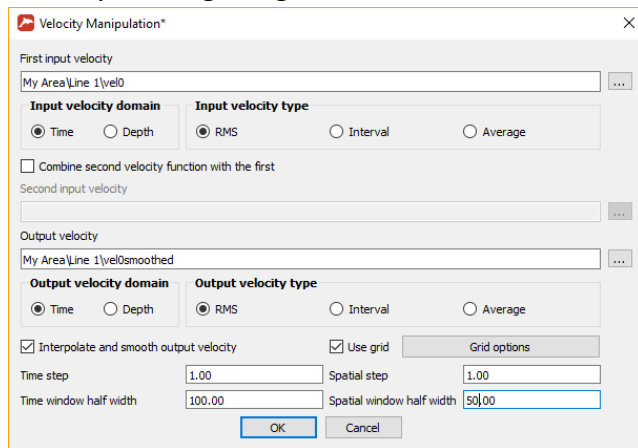
The following improvements were made:

- New modules **Trace->Velocity Table Transfer** and **Velocity Table->Trace Transfer** were added to allow conversion of database velocity tables to traces and vice versa. Traces are converted to velocity table at specified time and spatial intervals.

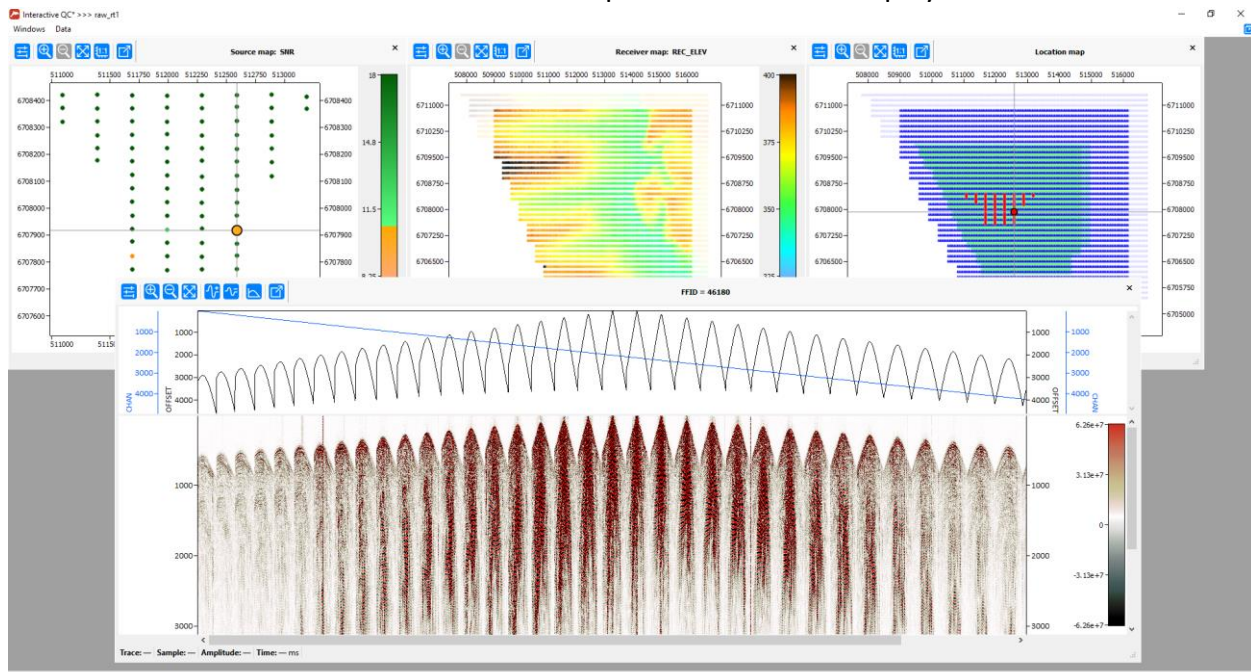
Velocity table can be converted to traces either by substituting input traces with velocity traces (velocities are interpolated and extrapolated) or by generating new traces for each velocity function (no input traces required).



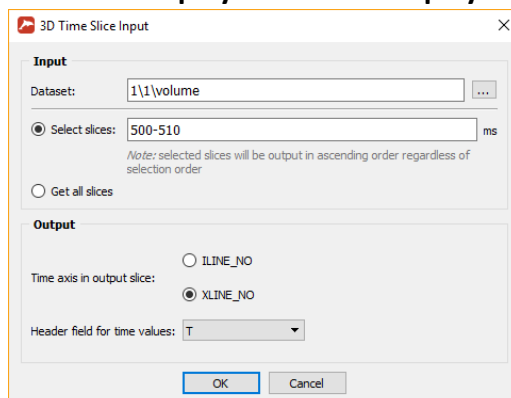
- **Velocity Manipulation** module, among other things, can now interpolate output velocity to a regular grid and smooth it.

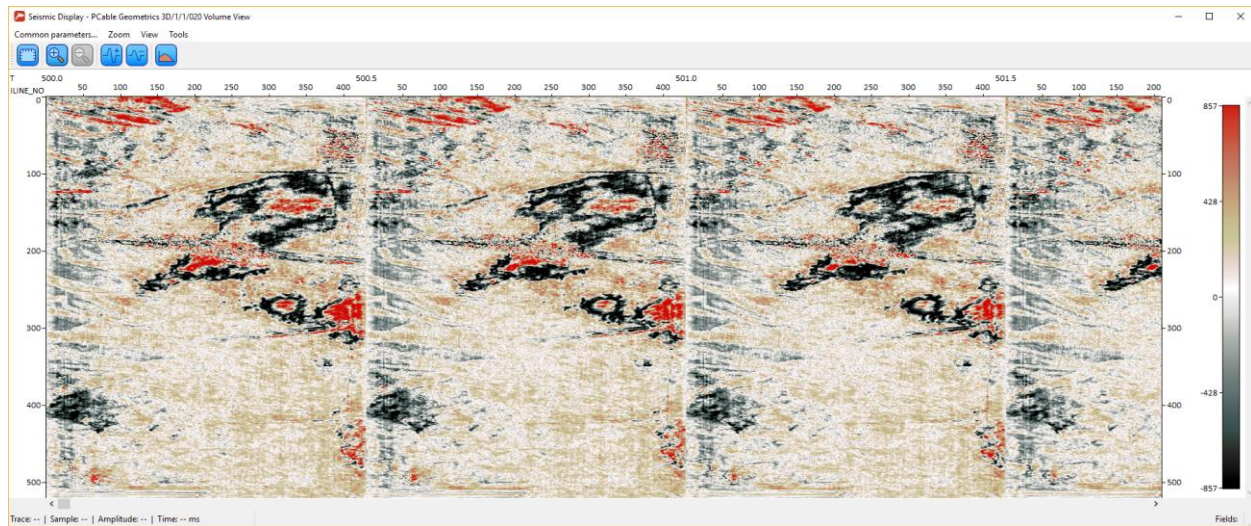


- **Interactive QC** module can now show header plots in its seismic display window

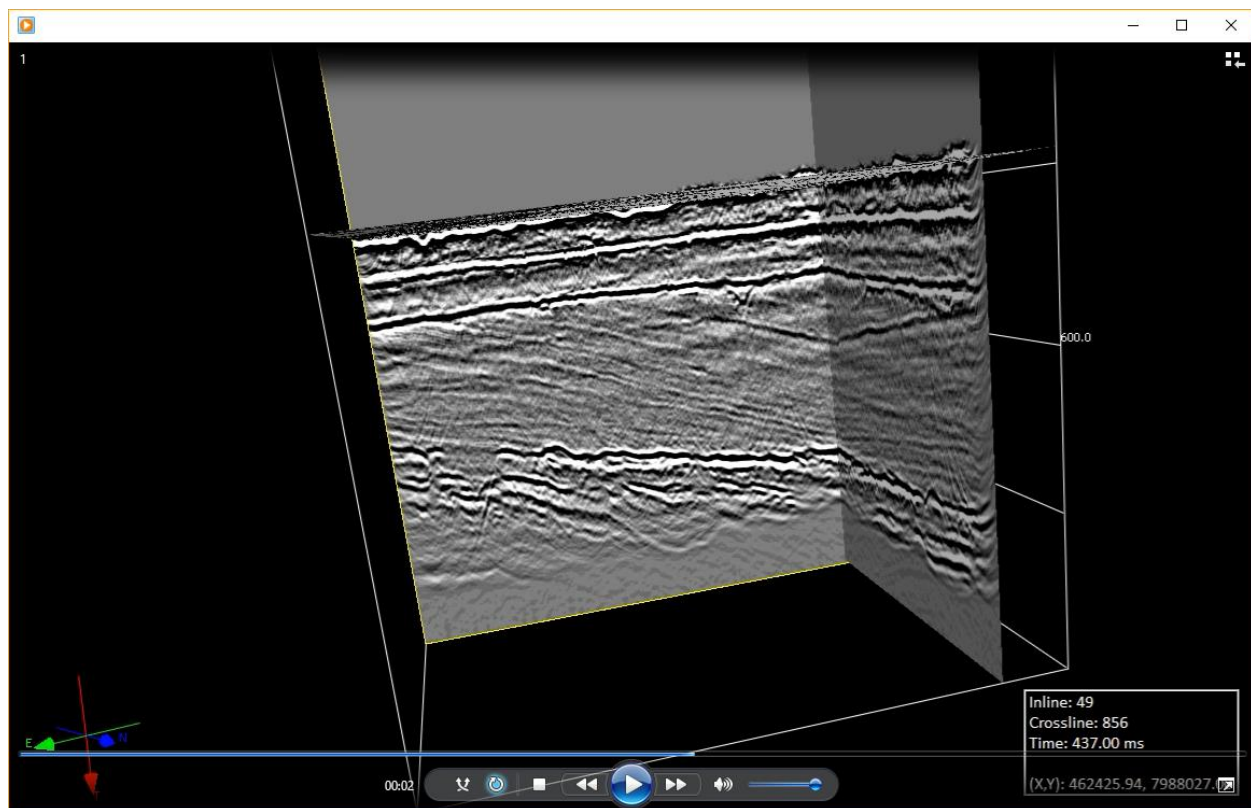


- New **3D Time Slice Input** module cuts time slices from a 3D cube, converts them into seismic traces and input to the flow. So now, you can easily view and analyze time slices in **Screen Display** or **Seismic Display**.





- **3D Volume Viewer** can now record videos with legend containing basic information about the current slices:



- In the **Wavefield Subtraction** module, you can now specify top and bottom tapering for each processing window individually.
- In the **MaxPower Autostatics** module, you can now select output headers where it saves calculated statics.
- **SRMP Geometry Return** module was modified: before all headers were copied to output from reference dataset. For large datasets it took significant time. While most of those headers were useless. Now only user selected headers + predefined set of headers are copied.

- **F-K Filtering** and **Spectral Whitening** modules became faster.
- We have fixed the way in which flows with **batch mode** are executed when in the **queue**. Now the next flow in the queue will wait until the current flow in the batch mode will run for all input files from the batch list. You can also select if you wish to terminate the queue on a failure of any of its flows or it can continue with the following ones.
- In **Screen Display** module, hot keys were added: when *Ensemble boundaries* are on, *Ctrl+right arrow key* scrolls to next ensemble, *Ctrl+left arrow key* scrolls to previous ensemble.
- **Screen Display** behavior was changed: it does not respond anymore on DELAY header field.
- A bug with random starting t0 values of Reflection Hyperbola interpolation in **Screen Display** was fixed.
- A bug leaded to significant memory leakage in **SRMP Geometry** return was fixed.

As usual, if you are on maintenance, please contact us at support@radexpro.ru and get your update for free.

PLEASE NOTE: *Our office will be closed for the Russian Orthodox Christmas holidays starting from December 30 and until January 9, Monday. Meanwhile, we will be checking our emails seldom so some delays in correspondence may occur.*

Yours Sincerely,

RadExPro Development Team:

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