

VECON 4.3

Release Notes

(Linux and Windows 7 Version)

(Released June 19, 2017)

VECON version 4.3 has the following new features and improvements from version 4.2:

2D Modeling and Survey Design

- For 2D Finite Difference (FD), added option to choose which snapshot to display to show wavefront propagation
- Added ability to run elastic FD modeling for marine case (using external model with $V_s=0$)

3D Geophysical Model Building

- Improved function of Building 3D Layers from Ascii files so that the layers will be sorted on input to be ordered from Top to Bottom; user will also be notified if there are layers that cross
- Added new options for Merging 3D Layer Files (Input a List, Sort Layers, and Truncate Layers)

3D Modeling and Survey Design

- Added ability to Import geometry from P/190 files
- Added option to Check for Intersecting (Crossing) Layers
- In 2D plan view, allow the user to specify area on a layer to turn on/off the reflections from that area
- Added option to use Object as a Reflector during raytracing
- Added output of vertical geophone component (V_z) for 3DFD (linux version only)
- Added ability to output fold and angles for anisotropic raytracer