

## **VECON 4.5**

### **Release Notes**

(Linux and Windows Version)

(Released March 30, 2020)

*VECON version 4.5 has the following new features and improvements from version 4.4:*

#### **2D Modeling and Survey Design**

- Fixed Segy Trace Header Display when sample rate is greater than 32 (000)
- Added capability to output DAS response in 2D finite difference generation of synthetic data

#### **3D Modeling and Survey Design**

- Added ability to do build one or two-sided walkaway geometry
- Fixed bug that the code used the receiver coordinate of the first shot for all the other shots in anisotropic raytracer
- Exchange the ID of shot and receiver in .3ray file for Object Raytracing
- Fixed a bug with display of anomalous rays when performing Grid Raytracing with only P-P reflection
- Modified logic to not save the ray points in the .3ray file when the raypath couldn't reach the Reflection or Receiver Point
- Added an option to Smooth Grid Model, horizontally or along the topography
- Added option to Add/Subtract/Merge Grid Models
- Added option to Create a new Grid model
- Improved raytracing off of Objects
- Improved display of Well Log Editor

#### **2D and 3D Visualization Module**

- Fixed the issues with Browsing for Files in Importing Files

**\*\*Note:** Windows Users may need to exclude the installation folder from some antivirus software scans.