

# GeoThrust V4.5 Release Notes

(Release Date: April 25, 2024)

*GeoThrust Version 4.5 has the following new features and improvements from Version 4.4:*

## **GEOM**

Added text to help clarify Import of User Geometry Data format and Create XPS File

## **PREP**

Added a new module PADDING to temporarily pad traces in ensemble for spatial filters

Improved Log handling and progress bar for **5D Interpolation**

Allowed 2-byte Integers for IDs for 5D Interpolation

## **3DVIEWM**

Well Log Editor has many improvements such as:

- 1) automatic detection of Null Values and number of header lines;
- 2) added option to use Integrated TravelTime
- 3) Fixed the conversion of Sonic (DT) to velocity when loading the well-log file
- 4) Added the option to build the grid model without having to define layers first
- 5) Added the ability to export a layer to .3top file
- 6) Added the option to do Well Log Math to convert units etc to create new .las file
- 7) New interface allows users to easily control the display
- 8) Improved building layer and grid model functions

## **VELMOD**

Set Trace Header bytes 89-90 to 1 for measurement units of length when saving model as Segy

## **UPDATE**

Modified 3D RMO UPDATE to handle large datasets

Improved RMO Update for PSDM gathers