TSEVEN

VERSION 7.110 RELEASED

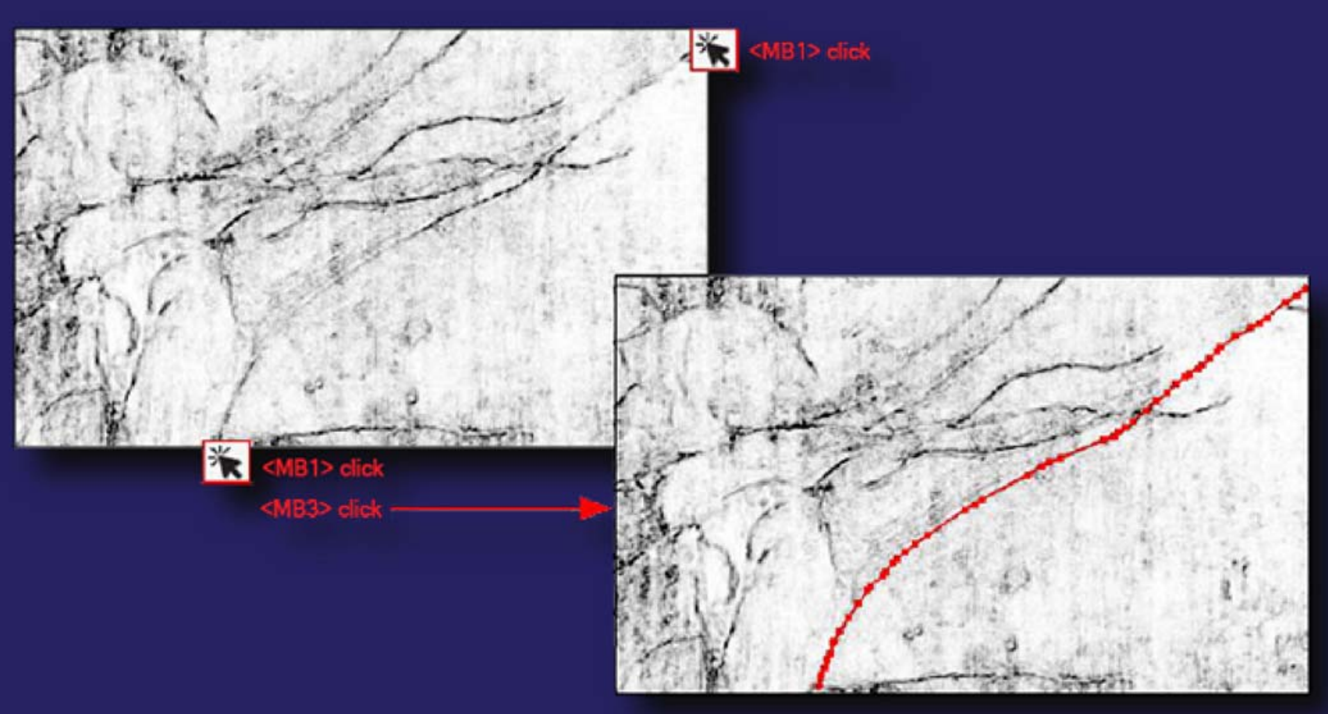
Badleys
Badley Geoscience Limited

Upgrade T7.110 Is Now Available To Download

The 7.110 upgrade is now available to download as a patch. Please contact Support if you require assistance. To learn more about the new features and functionality in T7.110, please read the release notes here.

More detail will follow in later newsletters, but some of the highlights of this release include:

1. FEATURE TRACKING INTERPRETATION TOOL

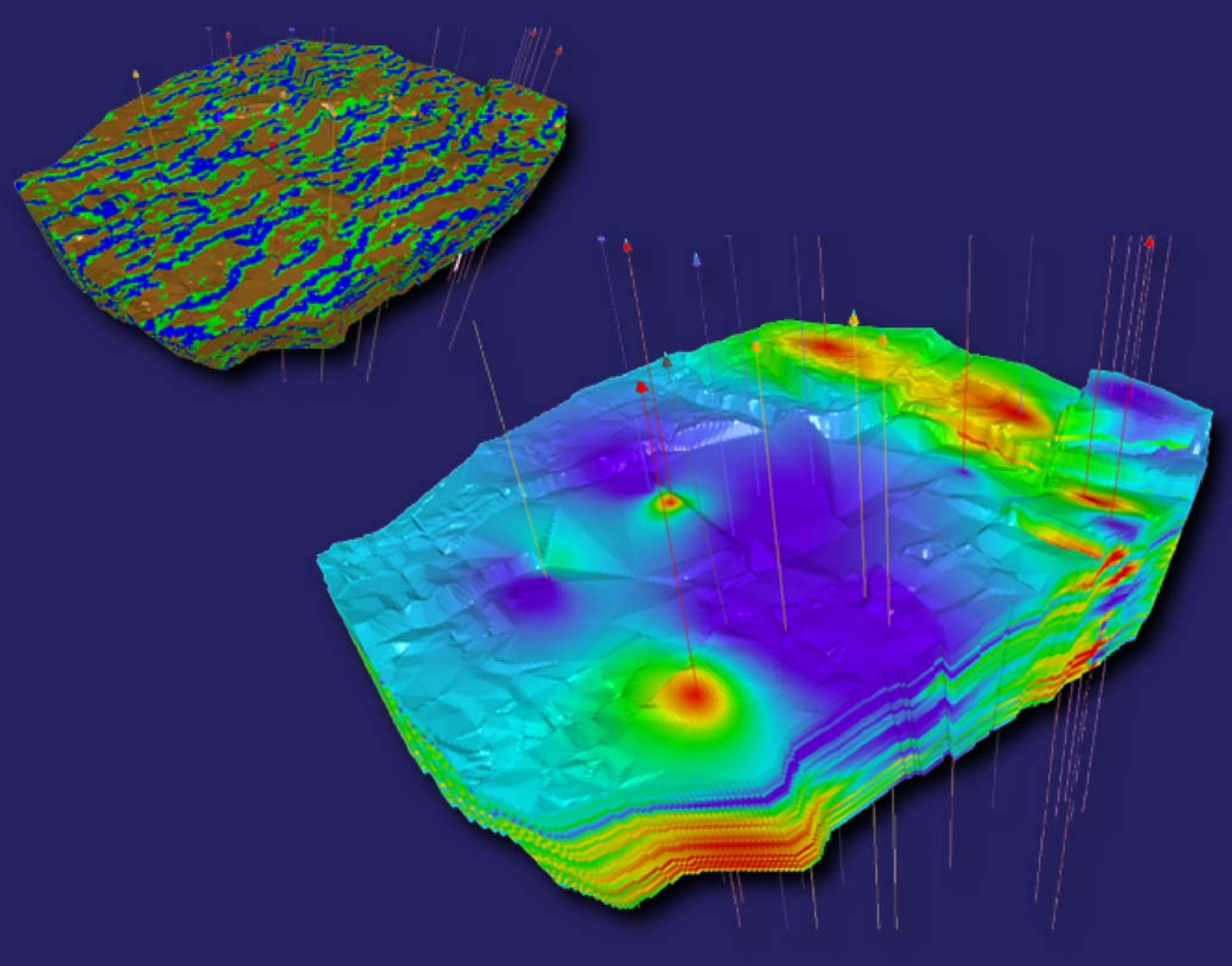


The new 2D Feature-Tracking system in the Volume Editor is an assistive tool for picking fault segments on seismic sections. It is particularly effective when working with coherency-style displays on time-slices. The Feature-Tracking system operates by tracking the "best path" through the displayed seismic data between pairs of manually picked points on the section being interpreted. This significantly reduces the number of mouse clicks required to define a fault and closer represents the true geometry of the structure than a fault stick picked with limited nodes. The result is better fault segments, in less time, with fewer clicks.

2. REVERSE GRIDDING FROM MULTIPLE TRI-MESHES

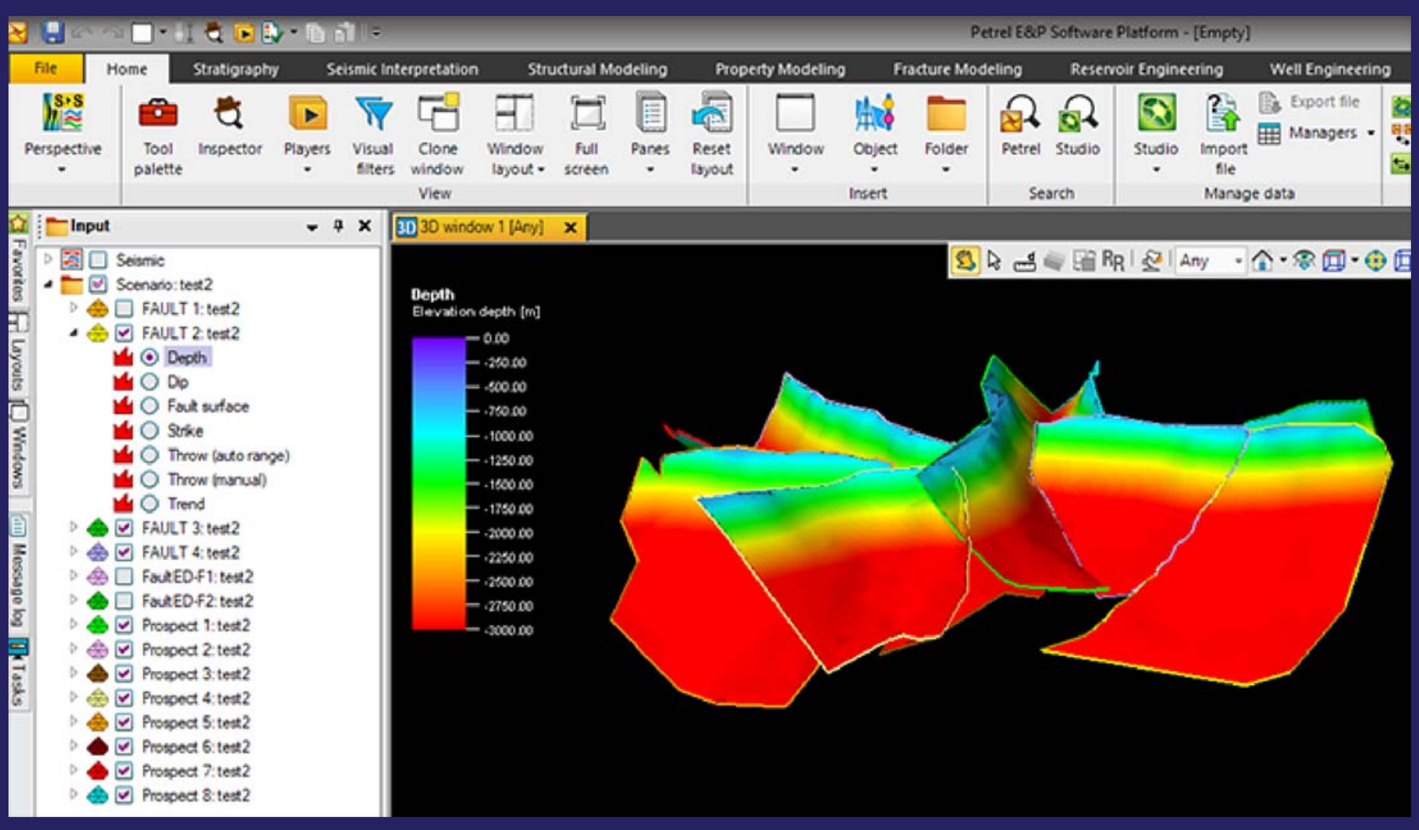
The Horizon Volume Utility now provides (among other functionality) a means of generating horizon Z data from Tri-mesh surfaces than can be displayed and edited on sections (as interpretation data). There are now two tri-mesh Z-extraction processes available in the Horizon Volume Utility: (i) obtains the first (uppermost) Z value (first intersect), (ii) obtains the second Z value (second intersect). These two independent processes permit the user to extract the first intersection results to one Horizon Data Volume and the second intersection results to a second – thus preserving the reverse structure in a form that may be displayed and edited on sections. This is a significant improvement for anyone working with compressional structures where only Tri-mesh surfaces are available.

3. ENHANCED PROPERTY MODELLING



T7.110 sees several improvements to the property modelling toolkit including the addition of indicator kriging, de-trending using secondary attributes and a host of new calculation tools. We have also added GPU-enabled hardware acceleration during facies modelling - when enabled better models can be created without the need for software-based optimisations such as search lists. This helps improve the fidelity of models with comparable performance.

4. PETREL SCENARIO EXPORT



When exporting fault and horizon surfaces to Petrel using the Petrel Export Tool, it is now possible to export T7 Display Method output for visualisation. Further, a Scenario Name may be specified for both fault and horizon Display Method export. When specified, fault and horizon surfaces will be created or updated in Petrel using a dedicated folder matching the scenario name. This allows visualisation of different scenarios for the same faults or horizons (eg. different Vshale models, column height calculations, stress scenarios, etc).

5. AND A HOST OF OTHER FEATURES.

For example, an update specifically to assist those working remotely on a single screen (layout Manager), a new Well Attribute Calculator, the calculation of Shmax from other parameters and new planar probe functionality. More detail will follow in our next Newsletter.

follow us on Twitter | **LinkedIn** | **pdf version** | **feedback** | **forward to a friend**

Badleys
Badley Geoscience Limited

An independently owned company with high-end technical focus on problems in structural geology, geomechanics & geodynamics
Email info@badleys.co.uk
www.badleys.co.uk