

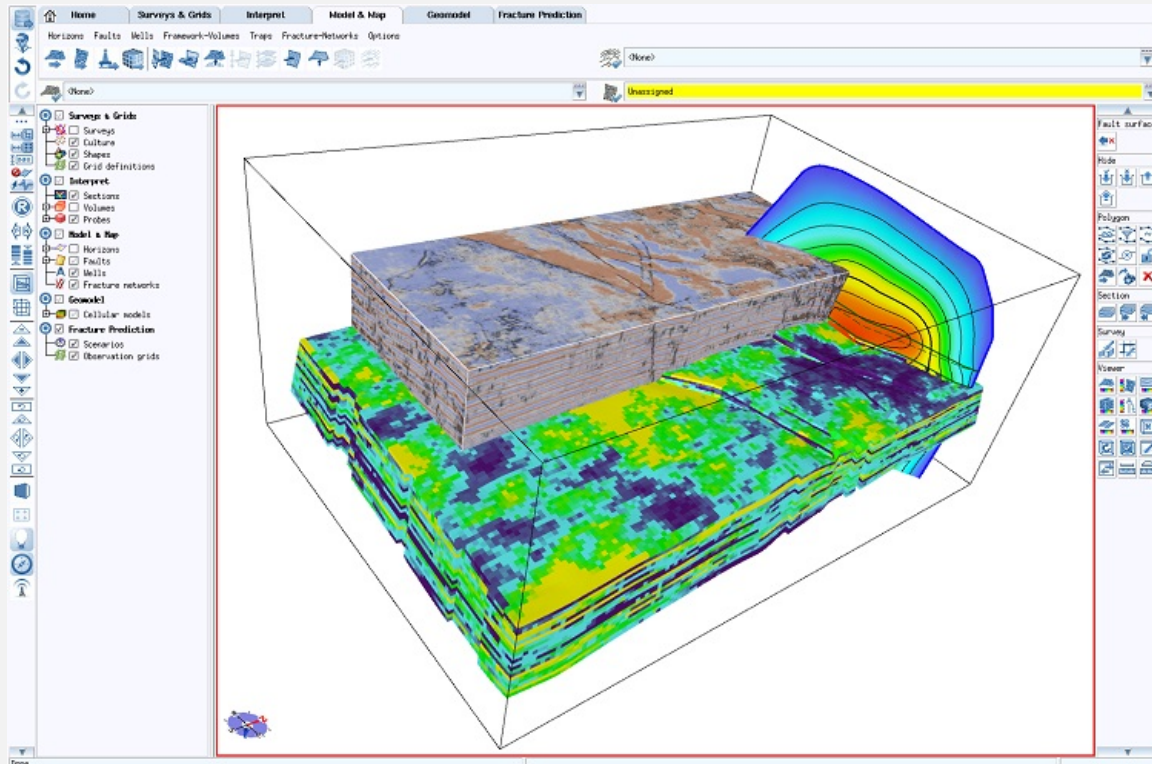


**Badley Geoscience News**  
**Issue 77, December 2015**

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## Announcing a significant upgrade to the T7 system - 7.020

In this view: Co-rendered amplitude and coherence property. Permeability model in the T7 3D grid. Fault surface and tip modelled at minimum strike dimension with upper tip constraint of zero displacement.



## 7.020 - new features video

Introducing the 7.020 upgrade for T7, available now as a patch download. This will require a new license feature to enable the new functionality, so if you are a maintained client please get in touch with us at [Support](#) as soon as you wish to upgrade. In the past few newsletters we have been introducing some 7.020 features. There are many additions to the system, including:

- Structure Solver Integration (see next article)
- Time-depth-time conversion and seismic co-rendering tools
- Fault tip-loop creation options
- Displacement controls
- New LAS importer
- ...plus many more enhancements

We have created a short video to demonstrate some of the uses of a selection of 7.020 functionality, more to follow. We invite you to [watch online](#), and if you found the video useful or have comments/suggestions about future video content please [contact us](#) to leave feedback!

CLICK HERE TO WATCH ONLINE



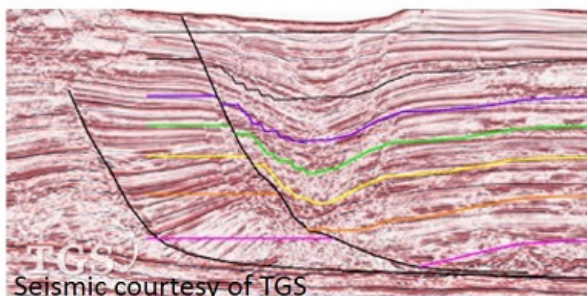
## 2D section balancing and 2D kinematic modelling now available in T7

Badley Geoscience Ltd and Nunns & Rogan LLC announce the integration of the StructureSolver 2D structural geology toolkit with T7's advanced 3D structural interpretation, 3D QC, 3D modelling, fault-seal and fracture workflow. For regular T7 users this means that best-in-class, highly interactive 2D kinematic modelling is now available from within T7 providing an industry-first consolidated workbench for structural geologists. The toolkit can be accessed from all our seismic formats i.e. 2D, 3D in-lines, cross-lines, arbitrary lines and imaged-based sections. It's quick to learn, easy to use and very stable, employing patented algorithms to give kinematically valid solutions in complex contractional and extensional geological situations.

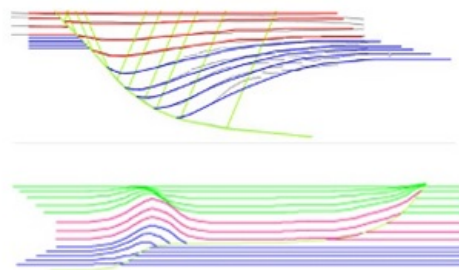
- Restore (interpretation and seismic) across faults to validate horizon correlations
- Create fault-bend fold and/or tri-shear models of faults, to match to the interpreted horizons
- Create linked models of fault systems, and animate the fault development
- Quantify the fault-related strain/extension/shortening
- Determine depth to detachment and explore layer parallel strain
- Seamlessly update interpretation in T7

### One of our early adopters says:

"I work in a region notorious for imaging and velocity problems with poor seismic, stacked thrust systems and multiple reservoirs. The combination of the 3D reverse faulted framework and velocity modelling in T7 with the seamless integration of StructureSolver is of enormous benefit to our interpretation mission. We simply could not complete the work in the same time-frame in other software".



NOW INTEGRATED INTO



What seismic interpreters say about StructureSolver

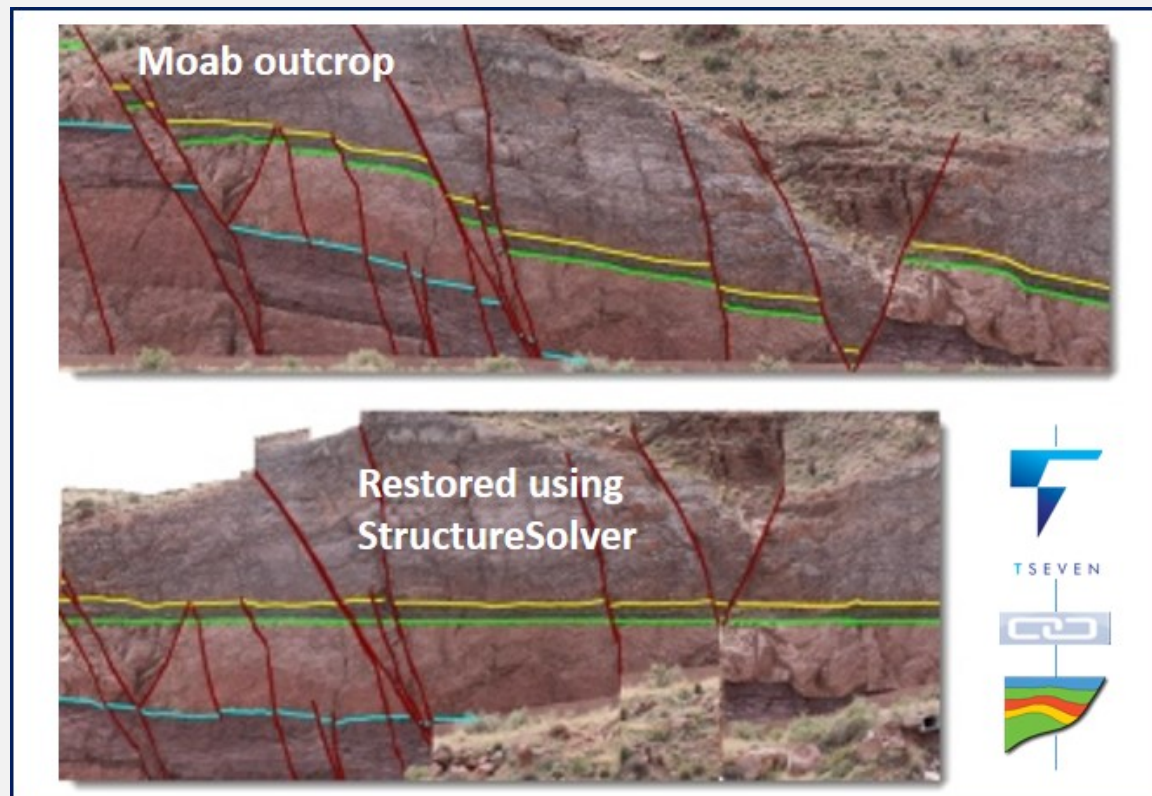
"StructureSolver helps us solve structural problems very rapidly. We recouped our enterprise license cost in less than 6 months based on time savings alone for our structural specialists"

"We have StructureSolver deployed on PCs throughout our company. The software is extremely reliable. We have never had a crash or a bug report"

"In less than a day, one of our business unit geologists learnt StructureSolver. He modelled an incompletely imaged extensional growth structure and redefined a prospect in time for a management review"

"We like the new interactive tri-shear capability. It makes it easy to estimate fault tip positions"

**StructureSolver is now available as an add-on module from Badleys, please [contact us](#) to arrange a free trial. For more information and instructional videos on StructureSolver please see the [Video Gallery](#) here.**



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