

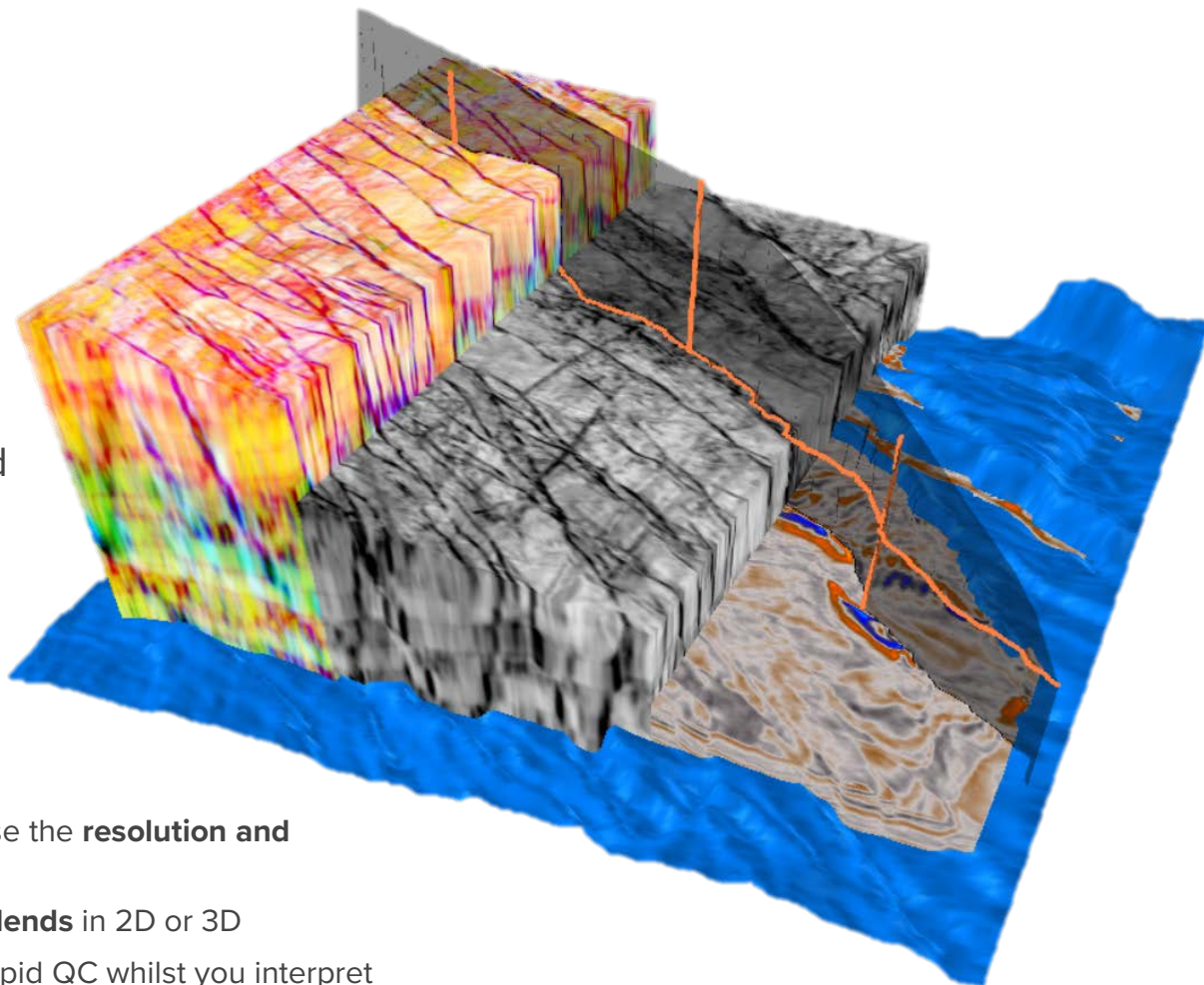


Teric

GeoTeric 2017.2

Adaptive Fault Interpretation

The Adaptive Faults provide a fast and accurate interpretation system which improves the efficiency of any fault interpretation.



Key Features

- **Data following** fault sticks and surfaces increase the **resolution and precision** of structural interpretation
- Interpret directly on **reflectivity, attributes or blends** in 2D or 3D
- Automatic preview of **surface generation** for rapid QC whilst you interpret
- **Accurate** surfaces with a minimal number of sticks
- Now fully supports **Floating Point** data

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Terac

GeoTerac 2017

Module & Functionality List

CONDITION



Noise Expression
Spectral Expression

Processes & Workflows:
Workflows

▪ NoiseApp

Modules

- Trace Replace
- Tdiffusion
- SO FMH
- SO Noise Filter
- VoxelMath

REVEAL



Frequency Decomposition
HD Frequency Decomposition
Fault Expression
Iso-Proportional Slicing

Processes & Workflows:
Workflows

- StructApp
- FaultApp
- CarbApp
- ChannelApp
- SaltApp

Modules

- Trace Attributes
- Stratigraphic Attributes
- Structural Attributes
- Edge Attributes
- Volumetric Geobody attributes
- Fault Attributes
- Volume Maths
- Utilities

INTERPRET



Seismic Interpretation :

- Adaptive Geobodies
- Adaptive Horizons
- Adaptive Faults
- Polygon interpretation
- Create Water Tight Model

Well Interpretation:

- Well Correlation Panel
- Well Facies Interpretation
- Well – Seismic Ties

Visualisation & Utilities

- Complete visualisation in 3D and 2D viewers
- Colour blend creation, visualisation and editing
- Opacity blend creation, visualisation and editing
- Horizon tools
- Metrics
- HC Calculator
- Cognitive workflows and “Next Steps”
- Map View & Scale Plotting

Data Management

- All internal data management
- All Data Import & Export
- 3rd party Links (Petrel, DSG, PaleoScan)
- GeoTiff Export

CLASSIFY



Interactive Facies
Classification

- Hierarchical Classification
- User Defined & Well Marker Constrained Facies

Scatterplot

- 2D & 2.5D Scatterplotting
- Attribute vs Attribute
- Attribute vs Well Log
- Well Log vs Well Log

VALIDATE



Forward Modelling

- Sub-layering
- Well Property Propagation
- RGB Validation

Cognitive Interpretation: Closing the Loop

For more information regarding GeoTerac's Modular structure, please contact:

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