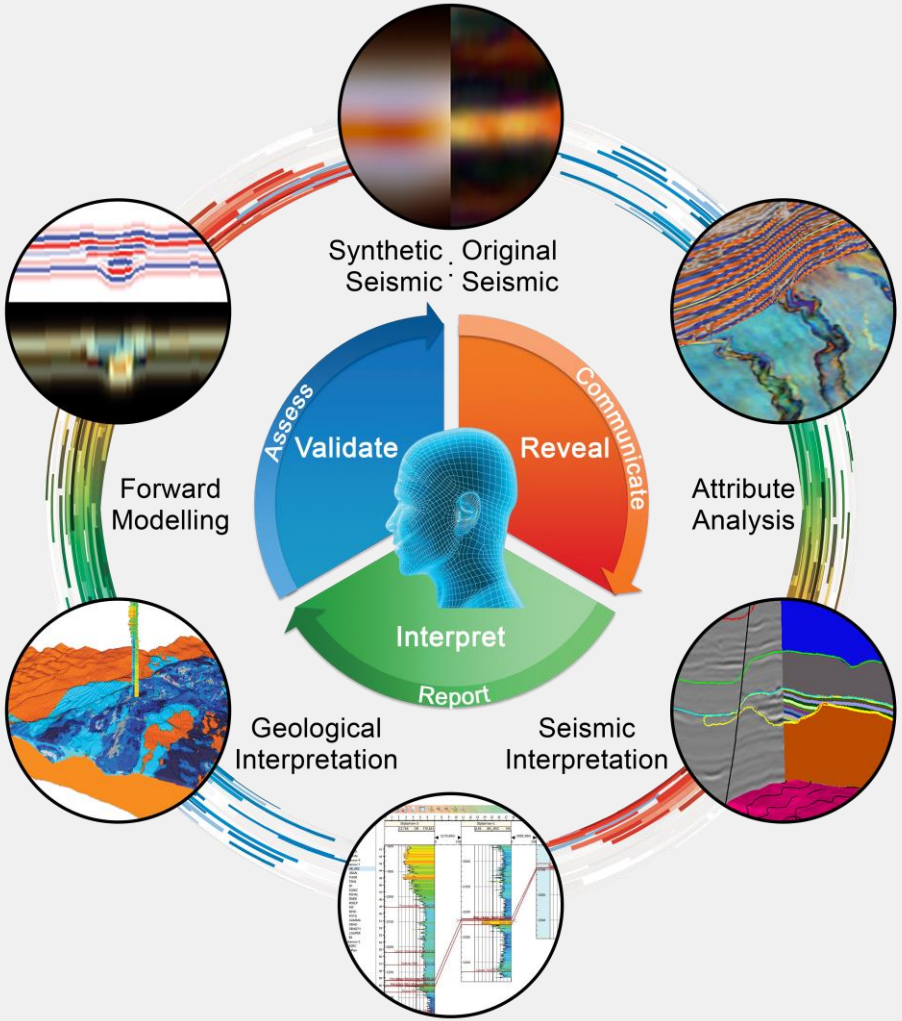
# Whats New in 2017.2

## An Introduction to Cognitive Interpretation for Structure

www.GeoTeric.com

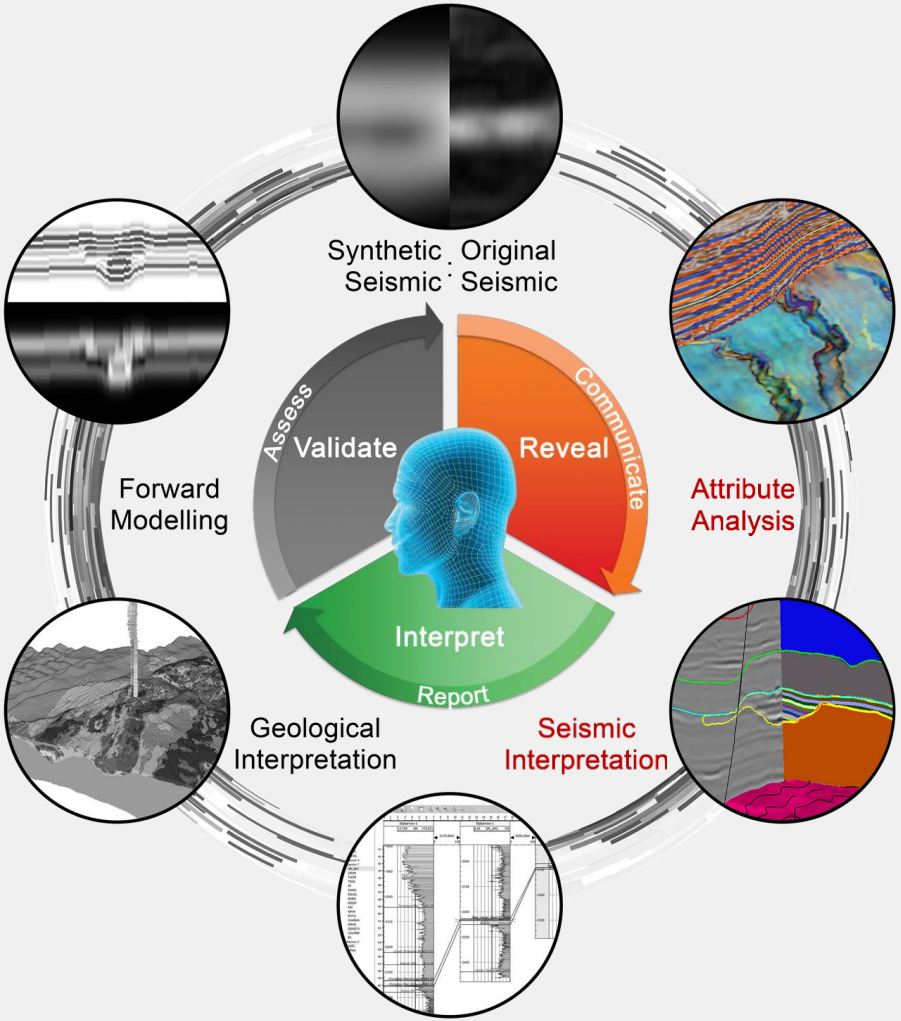



# Closing the Loop

using a
Cognitive Interpretation System

that enables earth models
to be
defined & validated
in the
seismic cube

Improving productivity
and
reducing risk & uncertainty

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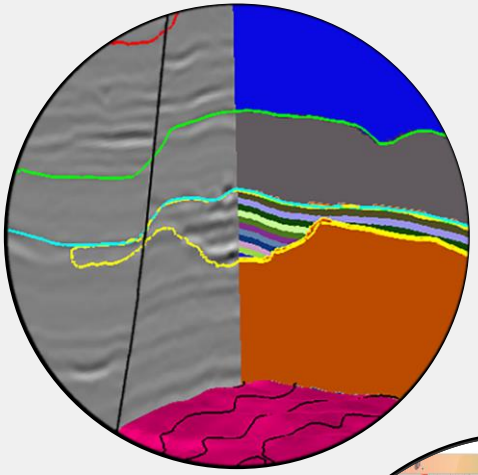
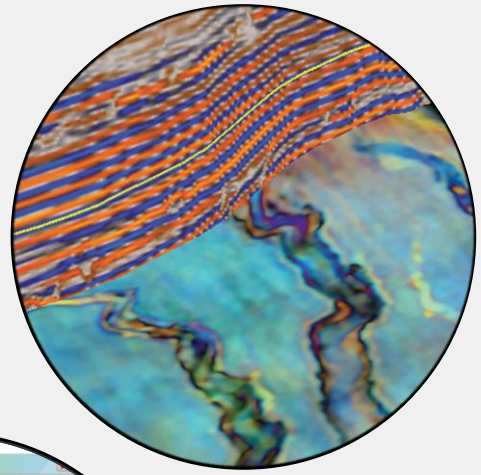
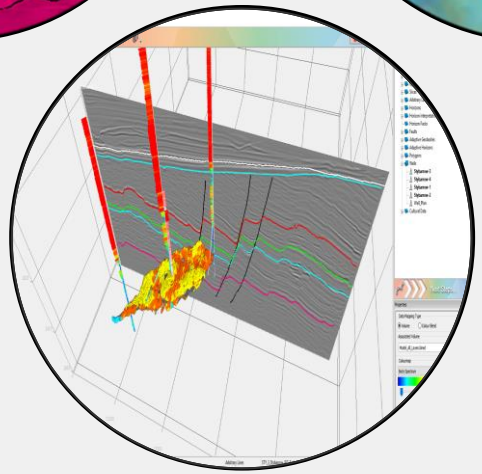
Seismic Interpretation



Attribute Analysis





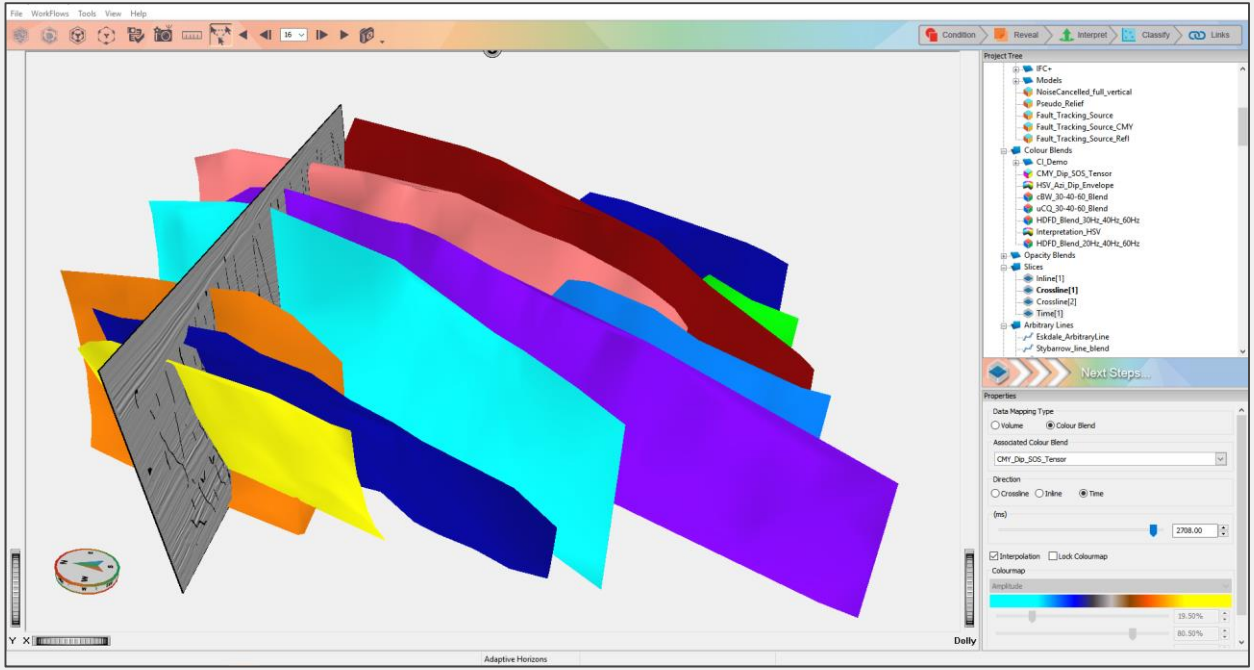
Platform Improvements

# GeoTeric 2017.2

Available on
29th September

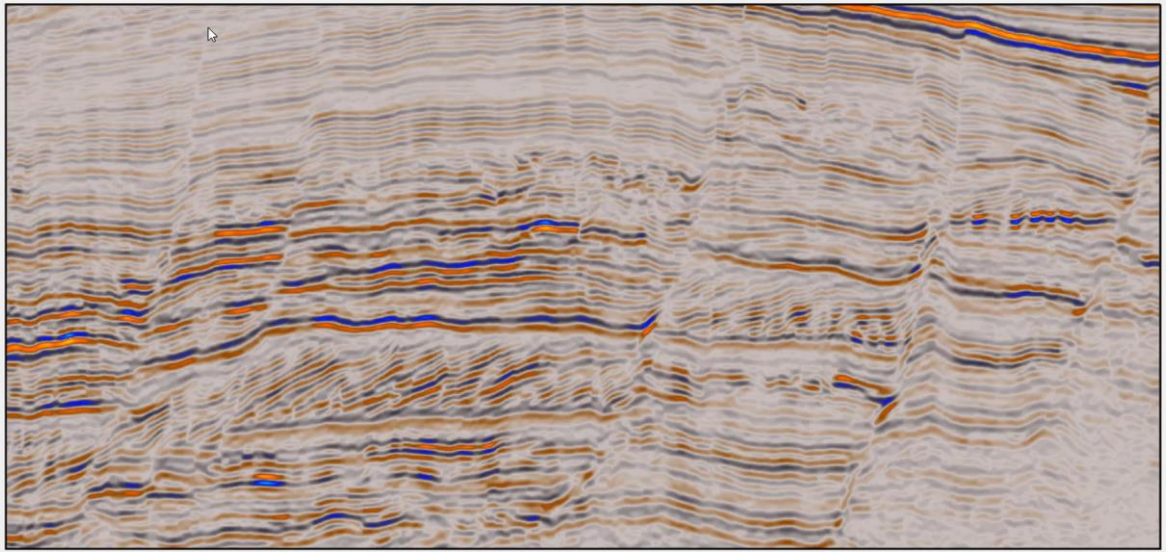
# Adaptive Faults

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



# Adaptive Faults

- Adaptive Faults use graph theory for **data following** fault stick and surface generation
- Interpret within **attributes/blends** for a **quicker, more accurate, interpretation**



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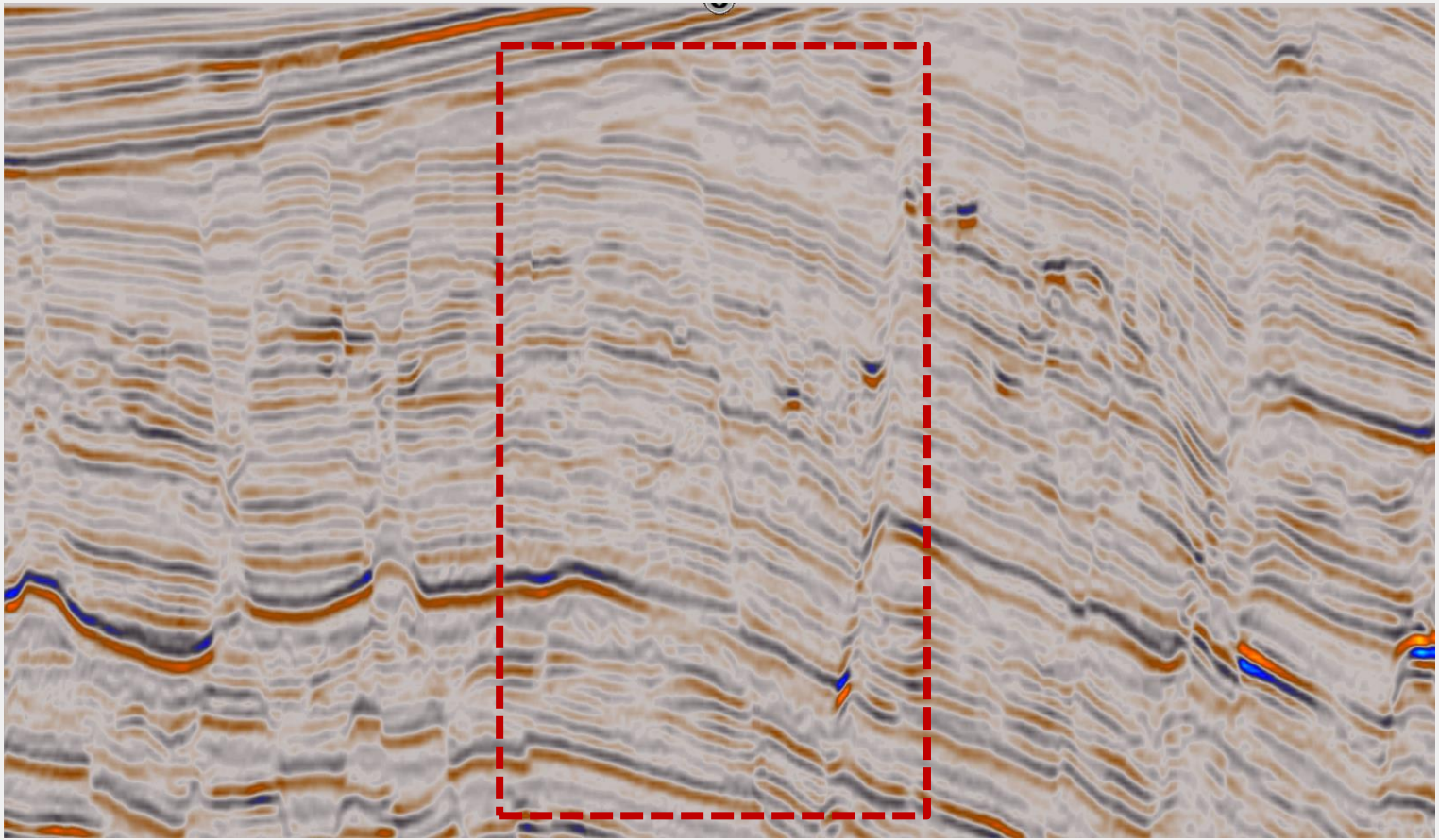
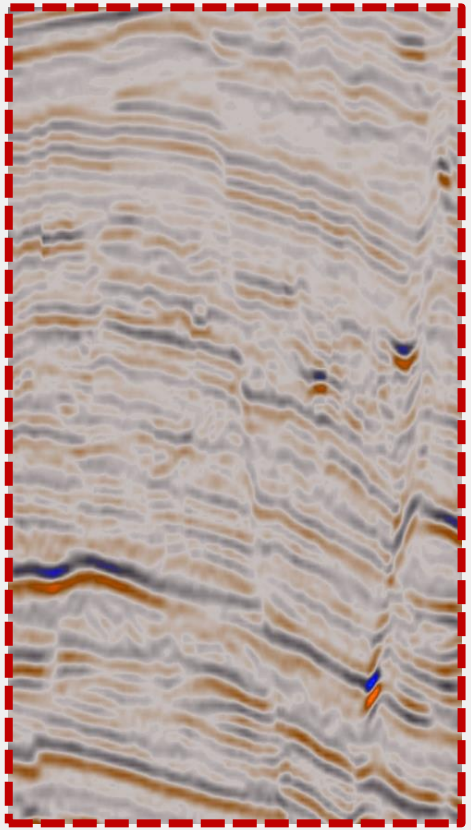
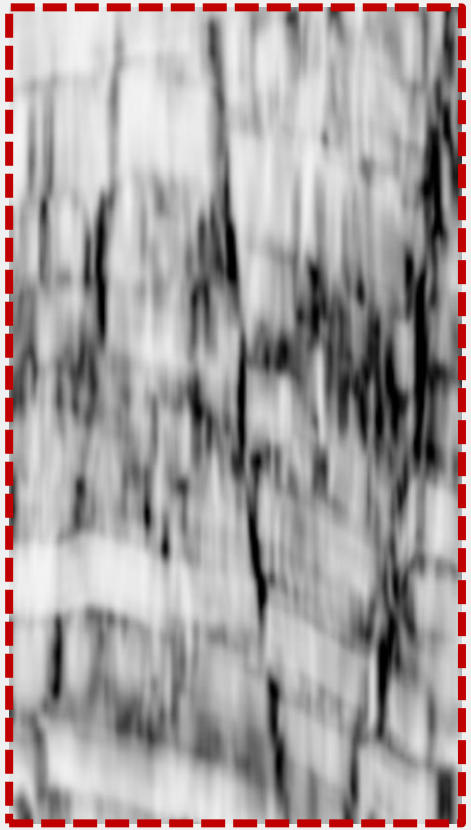


# Adaptive Faults

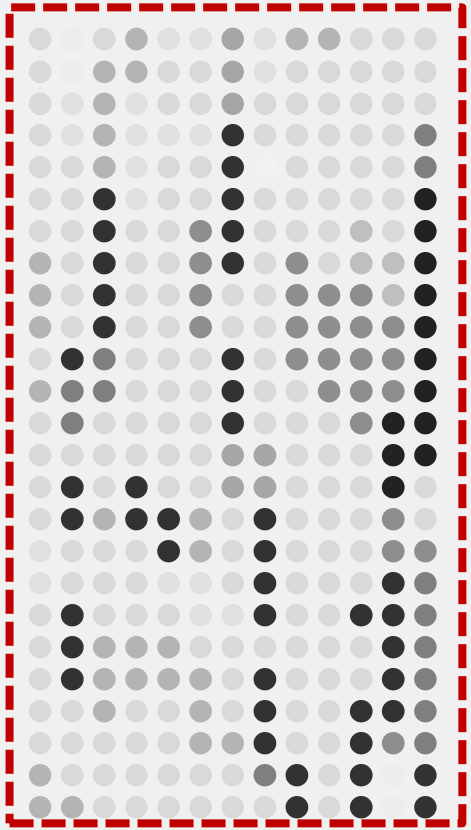
Reflectivity



SO Semblance

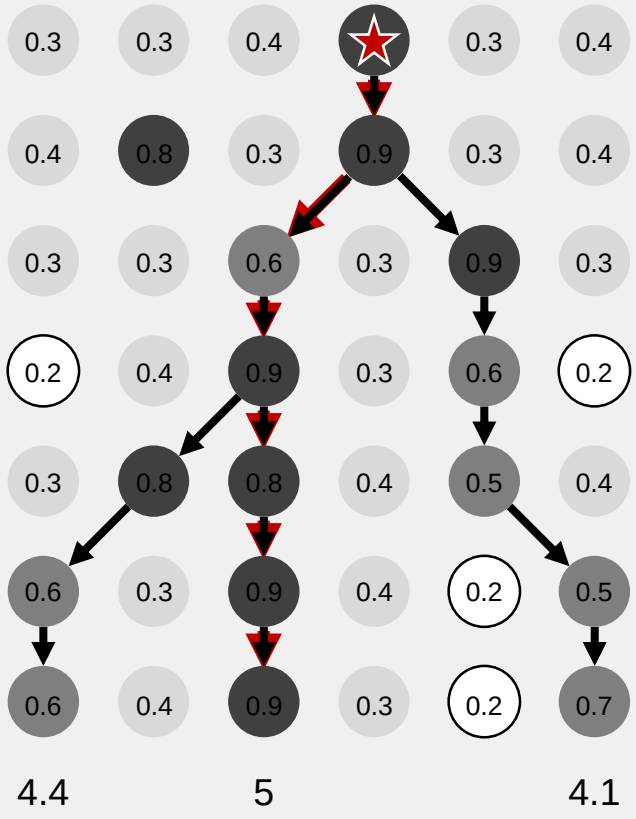


Graph Theory Image



# Adaptive Faults

- Graph theory allows for quick “**alternate route**” interpretation
- All possible route are known, allowing for **quick QC** and **editing**
- **Work in 3D** for greater geological understanding
- Data following sticks retain **greater detail** opposed to manual interpretation




Graph Theory on an Edge Attribute

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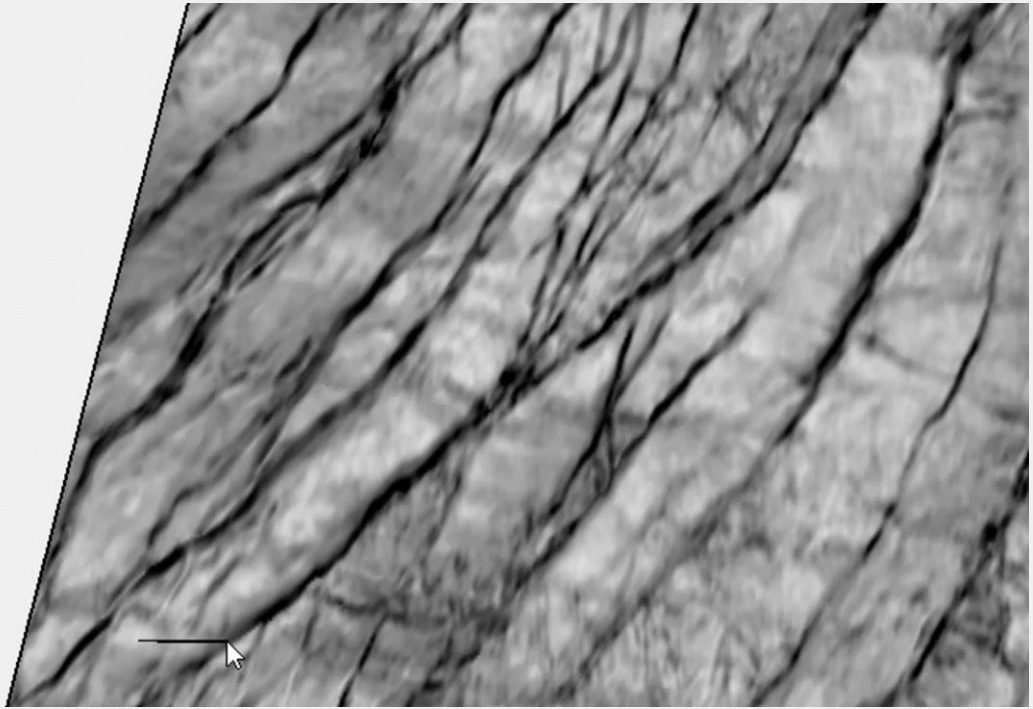
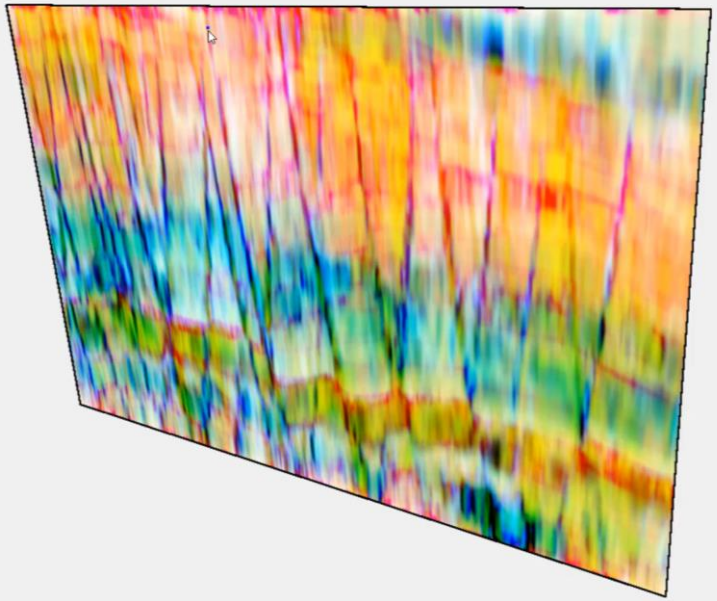


# Adaptive Faults

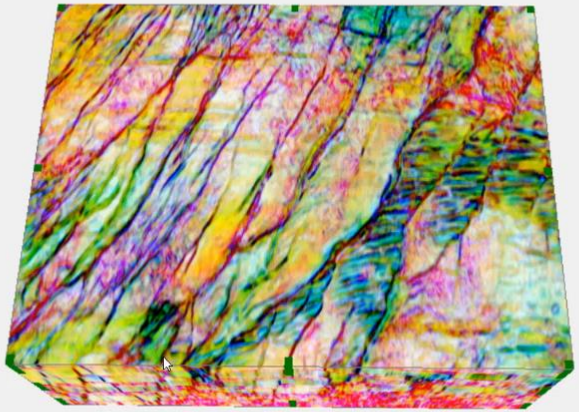
- Automatic **data following surface preview**
- Convert the preview surface to interpretation sticks to **add further detail**
- **Increasing** the **speed** of interpretation without a compromise in accuracy



# Adaptive Faults

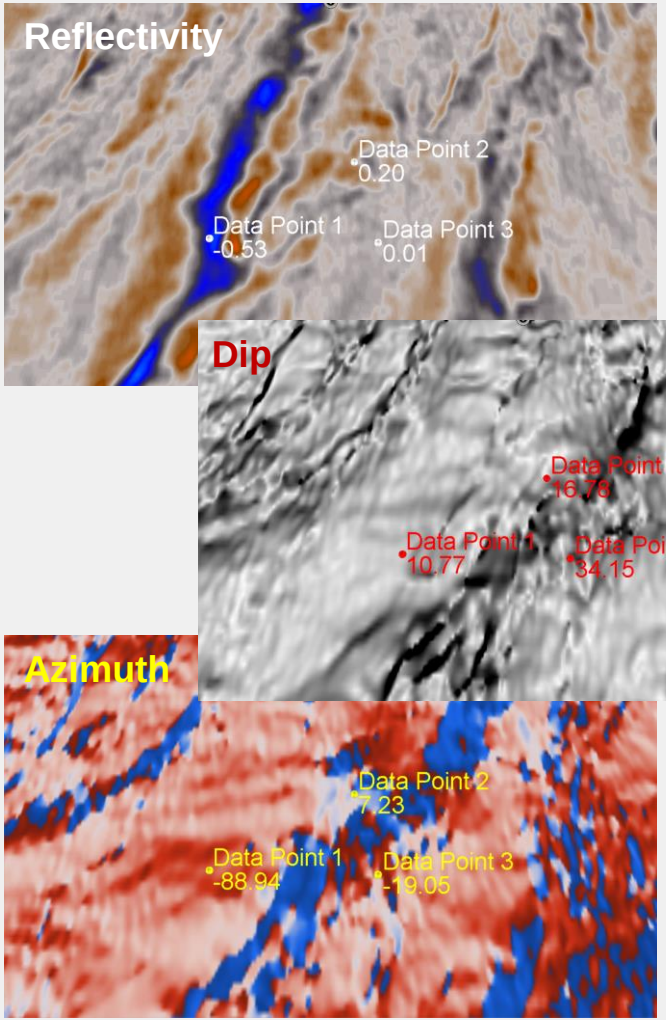
- Adaptive faults can be interpreted directly on a **CMY blends, reflectivity** or any **attribute**
- Allows for a **multi-attribute** based interpretation workflow

**Interpret directly on colour blends**



# Floating Point Data Support

- Rock Physics volumes can be loading without any scale factor
- Volumes can utilize any GeoTeric workflow and Expression window.
- Fully compatible with the new Adaptive Interpretation tools
- Geophysical attributes such as Dip and Azimuth now illustrate their respective values (Dip 0-90 )



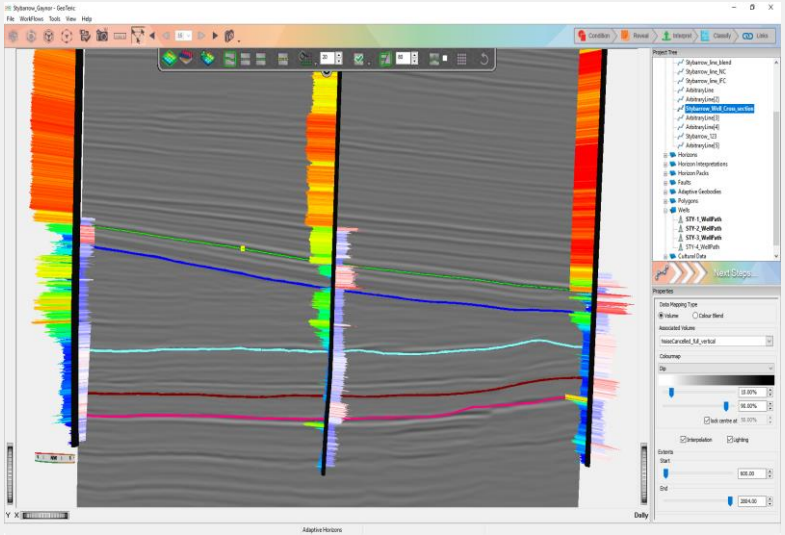
# Additional Updates

- Performance – continuous improvements

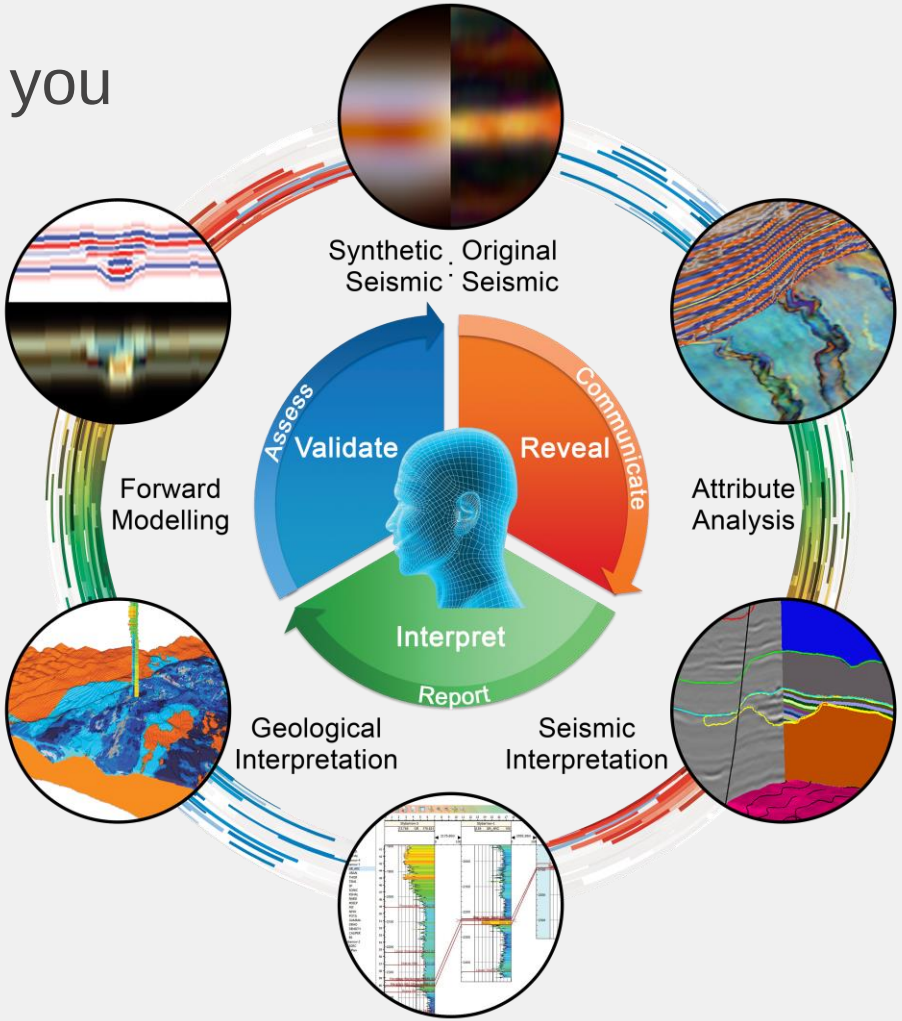
  Segy header scan and import is **2x** faster
  IsoProportional Slicing export of horizons is up to **50x** faster
  Viewing horizons in 2D slice view is around **30%** faster

- Support for Petrel 2017

- Adaptive Horizons now interpret on Arbitrary Lines



# Thank you

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