



# InsightEarth<sup>®</sup>

Advanced 3D Visualization Interpretation



[www.GeoSoftware.com](http://www.GeoSoftware.com)

**InsightEarth**<sup>®</sup> offers a fresh approach in extracting geological knowledge from seismic data. This exciting new technology makes full use of existing systems and computer resources to deliver more accurate interpretations in less time.

Potent interpretation power and point-and-click convenience relieves interpreters of dull and repetitive activities so they can spend valuable time evaluating plays and validating findings. Geoscientists can comfortably finalize a comprehensive interpretation and quickly see the true paleo-depositional environment for the most astute and accurate drilling recommendations.

**InsightEarth** solutions have been specifically designed to enable our clients to address and solve today's most pressing seismic interpretation problems.

- Locate areas of enhanced fracture density and optimize the well path for maximum production
- Map micro-seismic data together with seismic and well data to identify facies boundaries and reduce development risk
- Identify and accurately interpret faults in complicated structural environments in a fraction of the time required by other interpretation systems
- Reduce interpretation and model building time by quickly creating a closed 3D geobody even in the most poorly imaged areas, and by creating mask volume without exporting to a separate velocity modeling package

## The InsightEarth Advantage

- Patented Fault, Salt/Sediment & Stratal Domain functionalities make visualization of features, targets and prospects available for the first time
- Much faster workflows (post-stack to prospect) enable you to quickly re-work legacy datasets for missed opportunities
- Generate powerful outcomes quickly with easy to learn, simple to use software
- **InsightEarth** operates in concert with any seismic interpretation system, so you can leverage your current software investment

*"In this business, drilling in the wrong place is a multi-million dollar mistake. This gives us the edge to make better decisions."*

Seismic Interpretation Manager,  
Apache Corporation

## InsightEarth

Ignition

FaultFractureSpark

PaleoSpark

SaltSpark

WellPath

**InsightEarth** is a modular system that can be licensed to fit your requirements.

## Small Investment For Massive Results

**InsightEarth®** gives you immense interpretation power without straining your bandwidth or your IT budget. It integrates seamlessly with major platforms including Petrel® and Landmark and enhances them with faster workflows and higher accuracy.

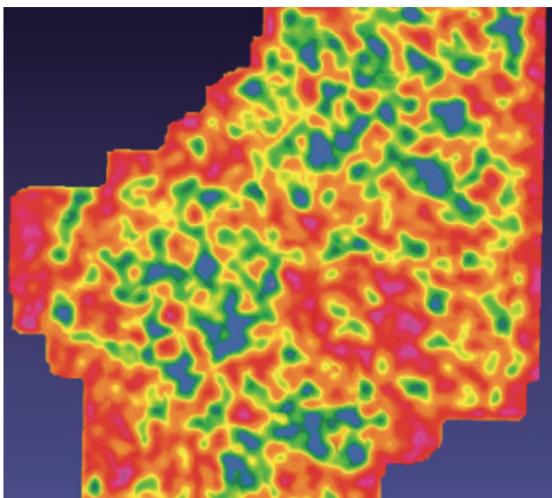
The suite is pure perfection to system administrators. It installs in minutes on 64-bit Linux® and Windows®, uses industry- standard flexible licensing and provides low system overhead.

**InsightEarth** is designed to port heavy processing duties away from the CPU to more economically viable graphics cards. Instead of adding costly cores, you are using your current infrastructure to vigorously boost your company's capabilities.

With **InsightEarth** at your command, you can crank out workflows in minutes that take days on other packages. Instead of constantly clicking, you are characterizing the formation and making confident drilling recommendations.

## FaultFractureSpark - for Fractures

Visualize the discrete fracture network in carbonates and unconventional plays.



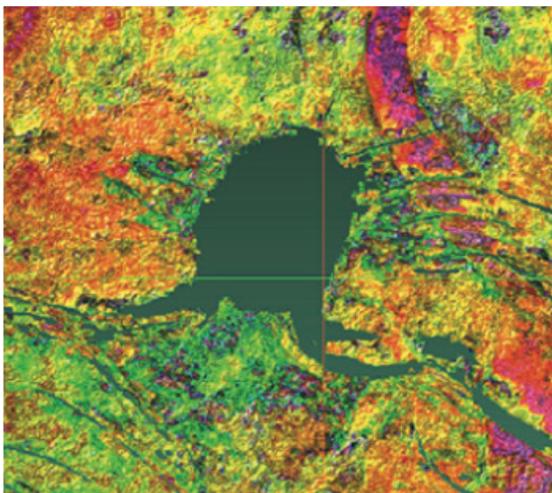
## FaultFractureSpark - for Faults

Automate the fault extraction process with speedy workflows and highly precise results.



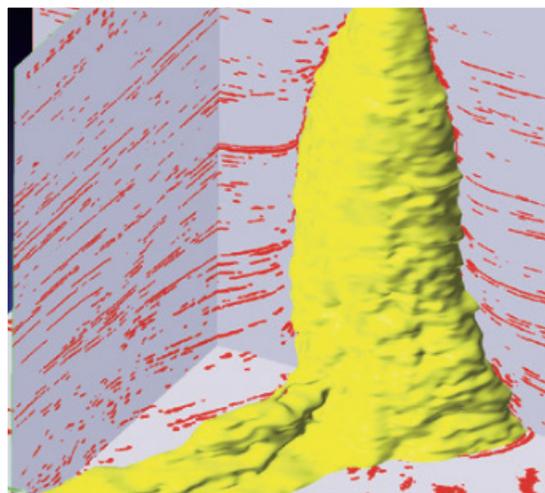
## PaleoSpark

Remove structure, look inside complex faulted areas and see stratigraphic features as they were originally deposited.



## SaltSpark

Quickly and accurately define complex salt bodies.





GeoSoftware provides the industry's preferred comprehensive set of software products and support for E&P multi-disciplinary teamwork.

High-end, cross-product workflows enable a better understanding of reservoir properties and how they evolve through the life of the field.

GeoSoftware helps reduce reservoir risk and uncertainty in seismic reservoir characterization, velocity modeling, advanced interpretation, petrophysics, rock physics, AVO and geological modeling. The GeoSoftware portfolio includes **HampsonRussell**, **Jason**, **PowerLog**, **InsightEarth**, and **VelPro**.



TO LEARN MORE, VISIT:  
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CONTACT US AT:  
[info@geosoftware.com](mailto:info@geosoftware.com)

### Gain greater reservoir insights!

Optimize your E&P workflows with innovative geoscience technology.

#### HampsonRussell

GEOPHYSICAL INTERPRETATION TOOLS

#### Jason

ADVANCED SEISMIC RESERVOIR CHARACTERIZATION

#### PowerLog

MULTI-WELL LOG ANALYSIS

#### InsightEarth

ADVANCED 3D INTERPRETATION

#### VelPro

POST-STACK VELOCITY MODELING

