Visualization Technology and Services

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FOR IMMEDIATE RELEASE

Saddleback Geosolutions LLC releases the Attribute::Toolbox™ for INTViewer™

Saddleback continues its alliance with INT by providing Attribute::Toolbox™ to all licensed users of INTViewer™

HOUSTON, TEXAS (Jun 16, 2014) – Saddleback Geosolutions LLC Announced Today that it has released its first installment of its innovative interactive seismic attribute package: Attribute::Workbench™, and inked a deal to deliver Attribute::Toolbox™, an interactive 24-seismic attribute package, to all licensed users of INT's innovative data visualization application and development platform for seismic analysis and data QC: INTViewer™. Additional Advanced Attribute::Toolbox™ Packs are available for sale separately.

The goal of the seismic interpreter is to find best seismic attribute match to underlying physical properties inherent in a seismic data set. More often than not, the link between attribute calculation and visualization is tedious and time consuming. Often, specialist vendors are required to generate tens to hundreds of attribute volumes based on just a single input seismic data set. Besides the cost of using specialist vendors, the additional data storage requirements and cumbersome nature of handling so many different data sets results in cost and productivity inefficiencies.INTViewer

Interactivity improves interpreter's efficiency, and many leading seismic software platforms are highlighting the ability to handle ever-larger seismic datasets, and enable the process of seismic interpretation on scales larger than ever before. The ability to generate seismic attributes as an aid to interpretation at interactive speeds has until now been relegated to the domain of expensive and specialized hardware that often puts constraints on the types and arrangements of seismic data sets.

A proper interactive workflow should enable "On-the-fly" queries with interactive decimation and range limitations that define a target volume, based on interactive selections. Thus, attributes are calculated faster on a subset of interest - rather than on traditional whole volume.

Interactive attribute analysis allows rapid identification of features that might otherwise be missed, it also enables fine-tuning of calculation parameters, so having more scenarios, sensitivity analysis becomes possible on a scale that is nearly entirely impractical using the outside vendor route, and only partially attainable using specialized hardware. Interactive workflows are more effective and powerful than traditional workflow as they integrate several processes in seismic attribute analysis: attribute calculation, visualization, calibration, classification, and prediction.

Saddleback's Attribute::Workbench™ utilizes the INTViewer™ interactive analysis platform. This combination allows the seismic interpreter to focus on the science, try more ideas, generate better quality seismic attributes, and circumvent IT approvals for additional hardware and data storage requirements. All of these things combine together to improve the seismic interpretation workflow by providing better integration of available data, scientific algorithms, and ideas.

Designed for exploration geoscientists, INTViewer™ is built on the Oracle® Netbeans Java platform, is powerful, yet easy to learn, and allows users to easily visualize complex data and attributes to discover patterns or trends. INTViewer™ presents users with sophisticated controls in an intuitive and logical manner that requires minimal user training. A comprehensive API allows for access and control of menus, data, and custom displays.

Saddleback and INT continue to work together to develop plug-ins that enable seamless use of leading third-party tools for rapid algorithm development, data analysis and numerical computation. Contact Saddleback for details of the Advanced Attribute::Toolbox™ Packs as part of the Saddleback Attribute::Workbench™.

About Saddleback:

Saddleback Geosolutions offers a full range of geophysical services and consulting from quantitative analysis to technology application development and technology management consulting. Saddleback employs, and has joint-ventures with, industry leaders in volume rendering and visualization, big-data management and analytics, and all aspects of rock physics, seismic-petrophysics, seismic interpretation and hydraulic fracture monitoring. Saddleback brings differentiated technologies successfully to market and is leader in techniques that enable the disaggregation of complex workflows through unique and innovative uses of human-interface-design. For more information about Saddleback Geosolutions, visit http://www.sbgeo.com/html5 or contact David Markus at +1.832.260.8525 (david.markus@sbgeo.com).

About INT:
INT is a leading supplier of graphics software components for data visualization in Upstream E&P and other technical industries. Our products include open and expandable visualization software, visualization software development components, and software development services. Featuring a comprehensive API for access and control of menus, data, and custom displays, INTViewer can be used as a framework for geoscientists who wish to customize the application by adding proprietary plug-ins and utilities.

 For more information about INT, please visit www.int.com or e-mail intinfo@int.com.

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