

## **Saddleback Geosolutions LLC Deploys the Attribute::Workbench(TM) Delivering Host of New Seismically Derived Attributes**

*Saddleback Geosolutions LLC announced today that it has leveraged INT's latest version of INTViewer™: an Innovative Data Visualization Application and Development Platform for Seismic Analysis and Data QC, and its Java-based Plugin API to create its first commercial product, the Attribute::Workbench™: rapidly bringing to market new geoscience technologies while allowing Saddleback to remain focused on their core value proposition.*

([PRWEB](#)) October 30, 2012 -- Saddleback utilized the INTViewer™ platform to develop and deploy its Attribute::Workbench: a host of new seismically derived attributes, meta-attributes that correspond to the morphology and ontology of the basic forms of the attributes, spectral decomposition tools, seismic inversion, and other tools that are used to examine the tie between rock physics and attributes through synthetic seismograms (allowing better reservoir property), and through geostatistics (allowing for better validation at well locations).

Saddleback successfully deployed their new Attribute::Workbench in a fraction of the time it would have taken to create a new system from scratch because they were able to take advantage of the application infrastructure provided by INTViewer and focus their resources on the development of advanced algorithms and tools.

Saddleback wanted to provide geoscientists with a multi-platform based solution for solving difficult exploration and exploitation problems that could be characterized by modeling, petrophysical analyses, rock-physics and seismic studies. Thus, Saddleback needed to provide best-in-class algorithms along with new ways to integrate R&D tools, processing flows, and automation while retaining the ability for customers to customize Saddleback's tools and workflows for their diverse needs.

Saddleback knew that their unique advantage lies in the originality of their science and the quality of their results. Therefore, they did not want to spend unnecessary effort and capital re-inventing what others had done before, and searched for a fully supported, industry-accepted data visualization platform that allows rapid deployment of new ideas and workflows.

Designed for exploration geoscientists, INTViewer™ 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.

Built on the Oracle® Netbeans Java Rich-client-platform (RCP,) INTViewer™ also provides a standards-based plug-in framework for adding custom utilities and proprietary R&D products via a comprehensive API for access and control of menus, data, and custom displays.

Developers can rely on leveraging INT's wide portfolio of data visualization tools, data interchange format support, and scalable plug-in architecture to allow for continuous improvement in the development and integration of data-driven solutions.

Saddleback and INT have also worked together to develop plug-ins that enable seamless use of leading third-party tools for rapid algorithm development, data analysis and numerical computation. Two examples of that

collaboration are INTViewer's Seismic Workbench and MATLAB® Integration plug-ins.

About Saddleback: Saddleback Geosolutions offers a full range of geophysical services and consulting from quantitative analysis to technology application development and technology management consulting. SBGS 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. SBGS has recognized expertise in bringing differentiated technologies successfully to market as well as a being 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(dot)markus(at)sbgeo(dot)com).

About INT: INT is a leading supplier of graphics software components for data visualization in Upstream E&P and other technical industries. INT's products include open and expandable visualization software, visualization software development components, and software development services. INTViewer is a visualization solution for use on virtually any Windows, Mac, Linux, or UNIX operating system including laptops, workstations or visualization centers. 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, visit <http://www.int.com> or e-mail [intinfo\(at\)int\(dot\)com](mailto:intinfo@int.com).

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**Contact Information**

**David Markus**

Saddleback Geosolutions

+1 832-260-8525

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