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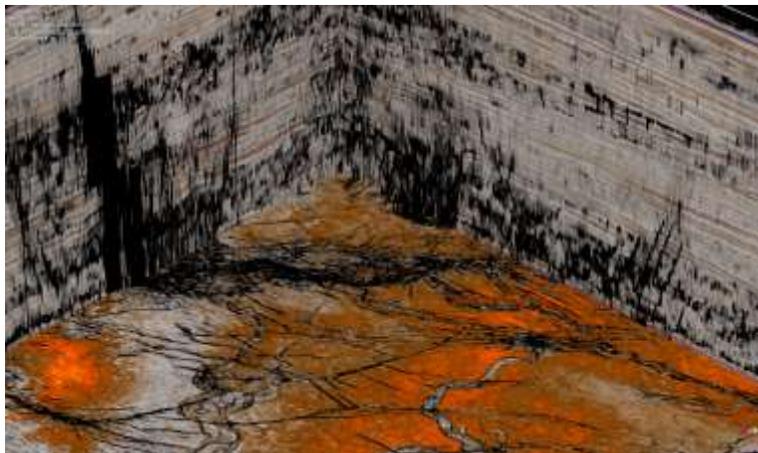
Paradigm Extends its High-definition Workflows in the Paradigm 15.5 Release

The new release enhances high-definition subsurface workflows with more automation, tighter product integration, and expanded third-party connectivity

(HOUSTON: January 5, 2016) Paradigm® (www.pdgm.com) announces the release of its Paradigm® 15.5 comprehensive solution suite aimed at extending its high-definition subsurface workflows and enhancing user productivity. [Paradigm 15.5](#) reinforces and enhances the performance gains established in the Paradigm 15 solution released in 2015, and helps users resolve stratigraphic details and recover the subsurface features that control hydrocarbon accumulation and recovery.

Designed as the ultimate tool for optimizing geoscientists' return on investment, Paradigm 15.5 improves the seismic interpretation process and experience with new and enhanced features such as:

- Memory-efficient multi-volume, multi-horizon, multi-survey flattening
- Multi-volume attribute extraction and blending with geometric attributes in 3D Canvas
- QC attributes generated on-the-fly when propagating horizons
- Horizon-fault contacts calculated and editable on-the-fly



Multi volume, multi-horizon, multi-survey volume flattening in Paradigm SeisEarth

Additionally, the Paradigm Quantitative Interpretation solution for recovering rock properties from seismic and well data has been updated with a Wedge Modeling application that analyzes the effect of bed thickness on seismic amplitudes, and provides the option to easily test "what if" scenarios.

New seismic processing and imaging capabilities, such as time-variant broadband deghosting, 3D multi-dimensional gather visualization, support for orthorhombic velocity models, and full-azimuth imaging with Q-compensation, enhance seismic imaging quality and provide a deeper

understanding of subsurface structures, fractures, and rock properties in support of Paradigm's high-definition theme.

Paradigm 15.5 includes the recently released [Geolog 7.4](#) formation evaluation suite, which expands the solution's reach into the engineering domain with new well integrity and geomechanics modules, to evaluate casing integrity and help assess mechanical conditions around the wellbore, to provide a better understanding of the reservoir.

Additional efficiency enhancements provided with the Paradigm 15.5 release are enabled by new and expanded interdisciplinary workflows, including:

- An extension of the cross-domain integration between Paradigm velocity determination and earth modeling solutions, enabling structurally and stratigraphically constrained velocity model updating
- Enhanced integration between geologic modeling and interpretation applications through the loading and display of time-stamped production data
- The inclusion of Paradigm Epos-based well display and mapping capabilities with certain Geolog configurations

“In today’s economic climate, the ability to extract maximum information from existing data is of paramount importance,” said Somesh Singh, chief product officer. “The new and enhanced technologies in this release incorporate more data and automate the earth model updating process, giving users new insights into existing assets, even when available data is limited. This helps our customers increase efficiency and cut costs without compromising the safety and sustainability of assets.”

This release also expands connectivity between Paradigm and other G&G platforms, including Petrel* seismic-to-simulation software, to provide users with additional options for accessing Paradigm’s advanced technologies while maintaining value from existing investments in other software platforms.

To learn more about Paradigm 15.5, please visit www.pdgm.com/paradigm15-5. For more information on Paradigm products and services, please visit www.pdgm.com, or e-mail info@pdgm.com.

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About Paradigm®

Paradigm (www.pdgm.com) is the largest independent developer of software-enabled solutions to the global oil and gas industry. Paradigm easy-to-use technology and workflows provide customers with deeper insight into the subsurface by combining leading-edge science, high-performance desktop and cluster computing, and scalable data management, delivering highly accurate results and productivity without compromise.

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