INT’s Leading Upstream Data Visualization Platform, IVAAP 2.3, Boosts Digital Solutions with Large Dataset Covisualization Capabilities, Machine Learning in the Cloud

Cloud storage connectors, ArcGIS and PPDM integrations are part of the many new features of the latest release of IVAAP (2.3) which pushes the limits of what’s possible in Subsurface Data Visualization in web applications.

HOUSTON (PRWEB) June 03, 2019 -- INT announced today a major release in enterprise upstream data visualization—IVAAP™ 2.3.

This version has significantly developed support for visual-based data discovery using map-based search, and is fully integrated with ArcGIS, allowing explorers to search structured and unstructured data in a data lake or any other file repository. IVAAP supports elastic search as well as other search engines and is able to index and read any subsurface data types.

IVAAP 2.3 continues to break data silos by supporting several new data connectors, including PPDM databases, S3 Bucket, Azure Blob Container, GCP Bucket, and more. These new connectors facilitate data aggregation and complement the existing WITSML, SQL, ProdML, and Osi PI connectors.

“This release of IVAAP demonstrates INT’s commitment to supporting our clients throughout their digital transformation by incorporating more advanced integration and domain visualization capabilities. Effective covisualization of subsurface data is a major barrier to productive collaboration among explorers. IVAAP is designed to increase collaboration across teams, regions, and stages of operations, and increase transparency of exploration, drilling and production activities whether in a data lake or on-premise,” said Dr. Olivier Lhemann, President of INT, Inc.

INT already actively works with other majors and services companies in the industry to transform the way subsurface data is captured, standardized, analyzed, and made available across applications to enable automation, processing, machine learning, and interoperability. To further support this goal, INT joined the Open Subsurface Data Universe™ (OSDU) consortium and has made IVAAP available as part of the Demo release of the OSDU platform planned for the beginning of Summer 2019.

“We are excited about how OSDU—with partners like INT—will be able to break application silos by establishing a common standard utilizing data platform to centralize subsurface data access,” said Johan Krebers, VP IT Innovation at Shell. “INT’s participation is important to help us visualize key subsurface data types. IVAAP provides a unique service for the industry—it enables explorers to simply search data, select it, apply machine learning, and visualize the results, all in one place, significantly streamlining workflows.”

IVAAP 2.3 includes more advanced upstream data visualization features such as well correlation, support for 2D/3D horizons (grid surface), and the ability to display well and schematic data—core images, casing, well logs, mud log, trajectory, and lithography.

This functionality, coupled with the ability to mesh data from different sources, gives data scientists, geologists, and petroleum engineers who want to gain deeper visibility and identify new exploration opportunities an
intuitive and user-friendly experience.

For product owners, architects, and IT professionals, IVAAP simplifies the development and deployment of highly integrated and scalable applications, lowering the cost of ownership and allowing them to focus on their specific IP, science, and workflows.

Visit us online at int.com/ivaap or at our booth at EAGE in London June 3–6 for a preview of IVAAP or for a demo of INT’s other data visualization products.

For more information, please visit www.int.com or contact us at intinfo(at)int.com.

ABOUT INT:
INT is a software provider of Data Visualization toolkits and platforms used in highly complex domains such as Oil & Gas, Geoscience, and more. INT Software uses the latest technologies such as HTML5 and JavaScript to create cloud-enabled and mobile-responsive solutions in E&P.

For 30 years, INT’s visualization libraries, widgets, and frameworks have been used by the leaders in G&G, Oil Exploration, and Production such as Schlumberger, ExxonMobil, Shell, BP, Halliburton, Paradigm, Baker Hughes, a GE company, etc., to empower best-in-class business applications for seismic, geosciences, well intelligence, drilling ops, and utilities.

INT’s software portfolio includes: GeoToolkit.JS, a suite of 2D/3D data visualization libraries built for web and mobile-responsive applications in JavaScript (well log, seismic, contour, schematics, BHA, maps, time series, gauges, histograms); INTViewer, an E&P data validation and visualization application; and IVAAP, a best-in-the-industry enterprise data visualization application for real-time data aggregation and analysis (domain, G&G, drilling, production, WellLog, 3D, schematics, seismic, and more).

For more information about IVAAP or INT’s other data visualization products, please visit www.int.com.

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