DI TRANSFORM IS THE INDUSTRY’S ONLY INTEGRATED GEOLOGY, GEOPHYSICAL, AND ENGINEERING (GG&E) PLATFORM

Drillinginfo allows you to visualize and interpret geoscience datasets and deliver insights within a single, next-generation solution. Leveraging a proprietary, industry-leading multivariate analytics engine, DI Transform enables near real-time adjustments to quantify and predict how and where to drill, maximizing production and minimizing risk.

MINIMIZE RISK, MAXIMIZE RESULTS

Drillinginfo’s innovative, completely integrated GG&E solution lets you perform interpretation and visualization using the same, powerful multivariate analytics platform. With DI Transform, you will test insights faster, receive immediate feedback, reveal hidden patterns, and dynamically adjust models to maximize completion techniques, minimize risk, reduce wasted costs, and wellplan effectively. By integrating intelligence, creating correlations, and developing optimized completion models, you’ll increase efficiency and optimize return on investment.

INSIGHTS IN HOURS, NOT DAYS

DI Transform puts the power of multivariate analytics in your hands. With integrated internal and external data, you can create sophisticated, dynamic models easily and test multiple what-if scenarios faster than ever before to reduce risk and maintain a competitive edge. Determining where and how to drill is simple with real-time feedback tools that let you monitor and adjust workflows as the well is being drilled. Detailed, accurate 3D subsurface models let you target your area of influence with unmatched precision, so you’ll identify sweet spots and well-plan effectively. DI Transform even enables you to identify best practices and benchmark against competitors to be sure your drilling program delivers maximum production and increased return on investment.

ANALYTICS, INTERPRETATION, AND VISUALIZATION

Only DI Transform provides industry-leading analytics, interpretation, and visualization capabilities within an integrated GG&E solution. Diverse data sources are also easy to integrate, letting you combine public and proprietary data easily to create and view detailed models based on comprehensive intelligence. Rather than waste time and money on disparate tools that require cumbersome plugins and workarounds, DI Transform lets you focus your geoscience expertise where it can deliver the most value, instead of on data and tool management.

DYNAMIC GG&E DECISION TOOL

Take advantage of the only solution built by geoscience experts specifically to support next-generation GG&E workflows in the oil and gas industry. For example, automatic tops picking means geoscientists can devote more time to building models, rather than wasting their high-value expertise on mundane tasks. DI Transform also natively addresses advanced E&P applications, such as developing field plans that optimize well spacing and maximize production by analyzing well communication variables.
FEATURES AND CAPABILITIES

Integrated G&G Interpretation: Stratigraphic columns establish key correlations that support synchronization of geologic and geophysical interpretation, resulting in more accurate subsurface understanding, reduced risk, and improved ROI.

E&P Visual Integration: Multi-dimensional visualization of Drillinginfo data, augmented with other sources of E&P information, supports reliable quality assurance and in-depth reservoir management understanding.

Flexible Data Analysis: Multi-dimensional crossplotting of well, wellbore zone, well log, map, and seismic data reveals key relationships driving well and reservoir performance.

Powerful Conditioning and Editing: Integrated raster log digitization, seismic processing and attributes, well and seismic calculations, QC and editing tools, and robust mapping are key capabilities for enhancing data value and improving interpretation and analysis results.

Detailed Mapping and Modeling: Interpretations and/or crossplot relationships can be combined to create detailed maps and models for more reliable well planning and infill drilling.

Geophysics: Probabilistic fault detection and interpretation, automated fault interpretation, quick fault extractions, horizontal well interpretation, integrated velocity modeling, automated synthetics, concurrent horizon and fault interpretation, and framework modeling ensure accurate subsurface understanding.

Geology: Automated geologic top interpretation, interactive top and data gridding, and a full suite of mapping and geostatistical modeling tools drive accurate reservoir depth and property modeling.

Analytics: Use our non-linear analysis engine for petrophysical and geological properties to integrate and understand geological and engineering contributions to reservoir optimization. Perform multivariate analytics spanning production, drilling, and completions engineering. Use well logs and geologic zones, seismic and geologic maps, and seismic attribute volumes for unique industry capabilities to optimize engineering for reservoir quality. Incorporate your own proprietary data within the software.

Geosteering: 3D visualization, multi-well tracking, structurally varying backdrop, and modern interfaces drive accurate estimation of horizontal well paths and detailed understanding of reservoir zone intersection and positioning.

Microseismic Processing: Interactive P and S pick QC and editing, velocity model optimization, and interactive event positioning and data query provide the complete toolkit for monitoring downhole microseismic data quality and ensuring quality event data is obtained for interpretation.

Seismic Registration: Interactive and automated correlation of multiple seismic volumes spanning multi-component, multi-azimuth, and time-lapse drives accurate estimation of static reservoir parameters and monitoring of dynamic reservoir characteristics.

Microseismic Interpretation: Fault and fracture plane fitting, microseismic density binning, interactive stimulated rock volume (SRV) mapping, estimation of area/volumetric extents and overlap, and export of volumes and densities for wellbore simulation ensure accurate stimulation monitoring and modeling.