

# DI Transform

The wells you plan are not one-dimensional, so why should the data you are basing them on be?



**Visualize, manipulate, and interpret an unprecedented amount of geological, geophysical, and engineering data within a single, all-in-one solution.**

Leveraging a proprietary multi-variate analytics engine, DI Transform intuitively translates complex geoscientific data into dynamic earth and engineering models from which your entire team can extract value.

## No More Exporting

Run statistical models directly within your geoscience software, preventing time consuming “back and forths.” The integrated platform in DI Transform combines geoscience and analytics from Drillinginfo with your own proprietary data.

- Foster collaboration across disciplines through uninterrupted workflows within a single platform
- Save money by streamlining several one-off applications into a single, superior solution
- Enable all members of your team to interpret geoscientific analysis

## Turn Your “What Ifs” Into Tested Reality

A multivariate approach factors a multiplicity of conditions and properties into predictive models for well performance. With DI Transform, you will test insights faster, dynamically adjust models to maximize completion techniques, reduce wasted costs, and plan your wells effectively.

- Apply MVstats™ models spatially
- Analyze well communication variables
- Generate EURs with advanced decline curve analysis

## Insights In Hours, Not Days

Determining where and how to drill is simple with immediate feedback that allows you to monitor and adjust workflows as your well is drilled. DI Transform automates manual tasks like picking tops and seismic horizons, leaving Geoscientists more time for higher level analysis.

- Represent analytical findings in stunning 2D and 3D images
- Ingest and view over 100,000 wells at once
- Access various workflows with the click of a button

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## Features and Benefits

Feature	Benefit
Data analysis	Updated, modern user interface and new plot types for exploratory data analysis; improved ability to analyze and integrate data from an external spreadsheet
Data Generation Wizard	Simplified access to the most important workflows. With a simple click of a button, unlock a menu of features so you can find the information and tools you need faster
Decline Curve Analysis	Generate EURs for individual or groups of wells and build probabilistic type curves directly in DI Transform using advanced curve-fitting algorithms
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
ESRI Map Layer Integration	Easy access to mapping services layers for use in DI Transform
Field and pad planning	Plan well pads over an entire field at once; reduce the risk of wellbore collision with 3D visuals that display your margin of error
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
Integrated G&G interpretation	Stratigraphic columns establish key correlations that support synchronization of geologic and geophysical interpretation
Microseismic interpretation	Interpret 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
Microseismic processing	Improve your process with interactive P and S pick, QC and editing, velocity model optimization, interactive event positioning and data query, and downhole microseismic data quality monitoring
Seismic registration	Interactive and automated correlation of multiple seismic volumes—multi-component, multi-azimuth, and time-lapse—drives accurate estimation of static reservoir parameters and monitoring of dynamic reservoir characteristics
Well interference	A new workflow for easily predicting the effect of nearby wells on current production; examine the results of past down-spacing and optimize spacing for future wells
Well targeting	Calculate well path statistics on the fly, including footage in zone, toe up/down, directional deviation footage, and proximity to faulting, and use these variables for an in-depth analysis of drilling practices

## Capabilities and Functions

Capability	Function
Analytics	The multivariate statistics (MVstats™) package includes multiple algorithm options that operate on geological, geophysical, and engineering data; these include classification tools using different machine learning algorithms, as well as multivariate regression tools for constructing predictive models
Engineering	Integrated pump pressures, volumes, time-to-depth data evaluation, dynamic display, mapping of surface and downhole measurements from production, and injection to pressure and temperature to modern fiber optics ensures better dynamic reservoir 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
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, seismic attribute calculation, and framework modeling

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PROACTIVE



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By monitoring the market, Drillinginfo continuously delivers innovative oil & gas solutions that enable our customers to sustain a competitive advantage in any environment.

Drillinginfo customers constantly perform above their competitors because they are more efficient and more proactive than the competition.

## Award Winning



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