tNavigator
Rock Flow Dynamics

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INTELLIGENT GEOSCIENCE

POWERING ASSETS, EMPOWERING TEAMS

RFDYN.COM/**INTELLIGENT-GEOSCIENCE**

tNavigator's integrated architecture promotes cross domain collaboration, enabling subsurface teams to work together and make informed decisions on their assets. In tNavigator you will find unique integrated workflows from geophysics to reservoir modelling, allowing geoscientists to construct a robust interpretation and reservoir model of their field. Models are carried forward to reservoir simulation in the same interface to allow for thorough analysis and evaluation of the field.
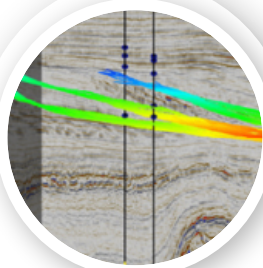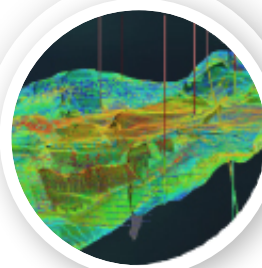
Geophysics

Enriched suite of geophysical tools enabling you to visualize and interpret geophysical data.
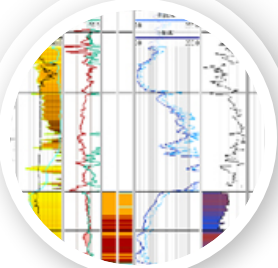
Well Correlation

Flexible log analysis tools providing unlimited access to correlation techniques.

Artificial Intelligence

Apply artificial intelligence to workflows through the use of neural networks, computer aided learning and seismic attribute clusterization.
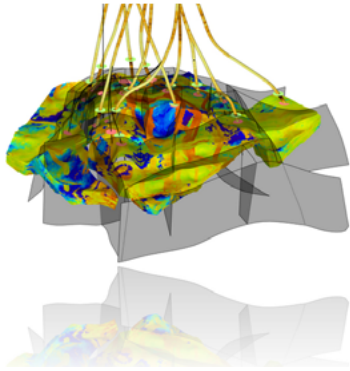
Structural Modelling

Build at geological scale, capturing all input requirements. Honour reservoir structural complexities through 3D structural modelling.

- Simple grid
- Corner point geometry
- Stair stepped
- Corners format
- Geobody modelling

Geological Interpretation

Maximize the full potential of your data by using our comprehensive suite for correlation and mapping workflows.

- Surface attribute generation
- 2D mapping and volumetrics
- Data analysis and visualization
- Manual contour editing
- Point and polygon editing
- Automatic surface update

Reservoir Modelling & Uncertainty

Capture all heterogeneity at geological resolution to carry forward to reservoir simulation. Repeat and automate your full workflow from seismic to dynamic.

- Data analysis, variogram analysis
- Facies modelling, MPS, TGS, SIS
- Petrophysical modelling
- Fluid in place
- Uncertainty and optimization

About Us

tNavigator, developed by Rock Flow Dynamics, is a one-stop comprehensive reservoir management solution that leverages modern computing architecture to deliver superior speed, scalability & ease-of-use for integrated static and dynamic modelling from reservoir to surface networks.

Promoting cross domain collaboration, tNavigator is a single environment that enables subsurface teams to work together to navigate your reservoir and not lose any time or data by moving between applications. In tNavigator you will find unique integrated workflows from geophysics to reservoir modelling,

allowing geoscientists to construct a robust interpretation and reservoir model of their field. In the same interface, models can then be instantly carried forward to reservoir simulation, allowing for thorough analysis and evaluation of the field, and for your team to make informed decisions on your assets.

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