

GeoSoftware

Unsurpassed expertise and workflows for
optimizing decision-making

cgg.com/geosoftware



GeoSoftware

Adding value for our clients from exploration

CGG GeoSoftware offers a comprehensive portfolio of advanced geoscience solutions to deliver new insights that reduce risk and uncertainty across the spectrum of exploration, development, and production projects. We develop advanced technology tools and continue to build our portfolio to address the most difficult subsurface challenges in all reservoir systems be they carbonate, clastic or unconventional.

GeoSoftware gives you:

- Integration between our products and 3rd party products to simplify workflows and save you time
- 300 employees dedicated to software development and the client experience
- Focused product development roadmaps based on user requirements and technology best practices
- Innovation, collaboration and integration

Advanced solutions to reduce risk and uncertainty

Reduce structural uncertainty

Extract maximum value from seismic and well data.
Reveal truer geology through inversion.
Get rapid answers for critical decisions.

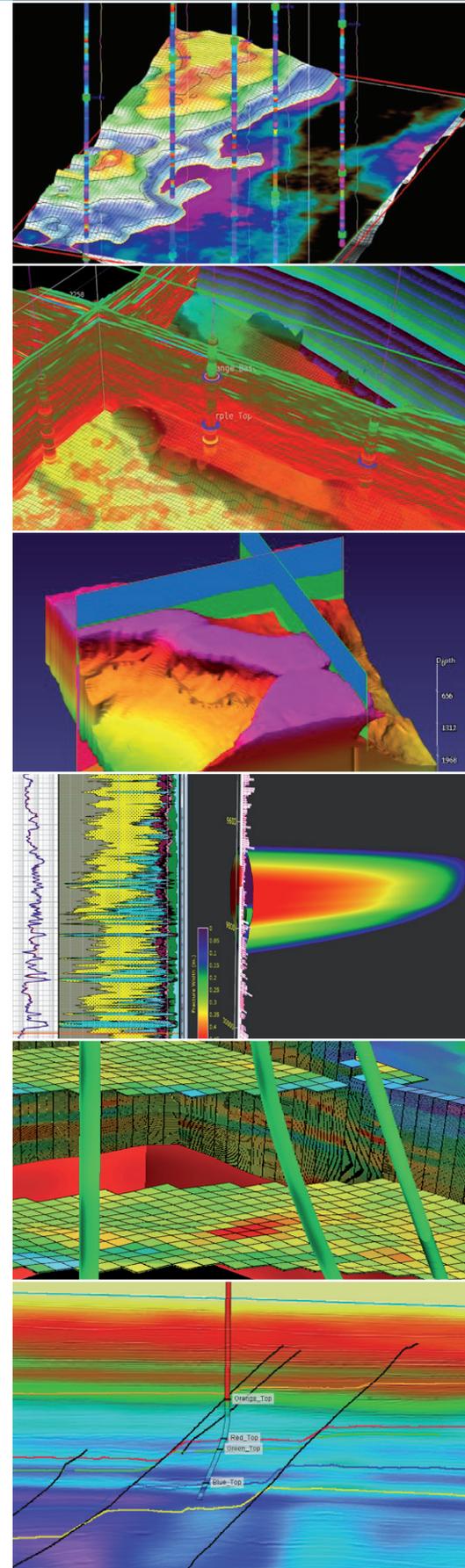
Minimize drilling risks

Improve well planning.
Increase probability of successful wells.
Maximize well life span and productivity.

Resolve reservoir uncertainty

Integrate engineering and geosciences information for a clearer picture.
Create a reliable field development plan.
Optimize reservoir management strategies.

Now, more than ever, geoscience software users are required to resolve increasingly complex E&P challenges with fewer resources in a highly competitive oil and gas market where the key focus is driving down cost and risk of operations. The combined capabilities from GeoSoftware provide high-end, integrated, and easy-to-use technologies that effectively address the challenges associated with achieving economically viable exploration and production.



through reservoir optimization

HampsonRussell

Geophysical interpretation tools

HampsonRussell offers a fully integrated suite of world-class geophysical interpretation tools for reservoir characterization. Known for its ease of use, **HampsonRussell** makes sophisticated geophysical techniques accessible to all levels of geophysicists.

Jason

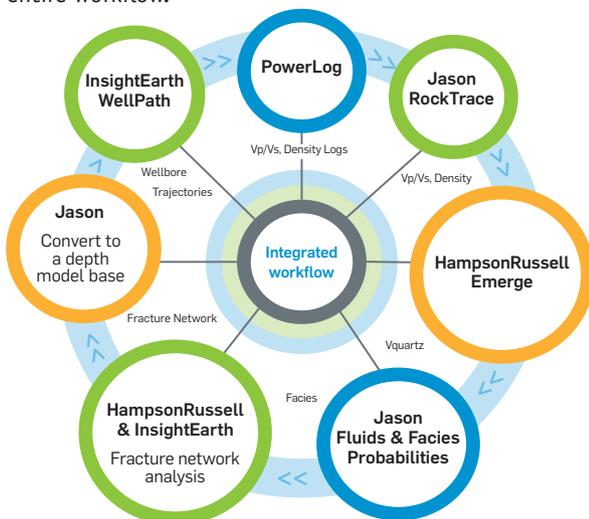
Seismic reservoir characterization

Jason's advanced seismic reservoir characterization workflows yield timely answers to mitigate risk. **Jason** technology supports critical decisions for geoscientists and engineers to optimize well productivity, field development and reservoir management.

InsightEarth

Advanced 3D visualization interpretation

InsightEarth® delivers advanced volume processing capabilities and the most accurate attribute definition. Leveraging your existing interpretation investments, **InsightEarth** improves performance across the entire workflow.



A shale gas project workflow

Integration across high-end GeoSoftware workflows and 3rd party industry software platforms enables users to better characterize prospects and understand reservoir properties and how they evolve over the life of the field.

PowerLog

Industry-leading petrophysical interpretation

PowerLog® is the benchmark for petrophysics, rock physics, facies analysis and statistical mineralogy. As a multi-user, multi-well, multi-interpreter software, **PowerLog** is tuned for flexible petrophysical workflows.

EarthModel FT

Powerful mapping and structural modeling

EarthModel® FT is geological modeling software for superior and dynamic reservoir models. It incorporates all field data and connects to flow simulation for improved drilling and production planning. **EarthModel FT** produces the fastest and most accurate models.

VelPro

Comprehensive post-stack velocity modeling

VelPro is the industry's most flexible and comprehensive post-stack velocity modeling application, designed to integrate seismic and well velocity information, horizons, faults, and well tops into a robust and data-driven velocity model.

The CGG GeoSoftware platform

Streamlined cross-product workflows → Integrated project management → Integrated well data management

The GeoSoftware platform provides an integrated framework for delivery of multi-user, seamless cross-product workflows across the GeoSoftware portfolio. The platform currently supports the **Jason Workbench**, **PowerLog**, and **EarthModel FT** applications.

To learn more about GeoSoftware's integrated workflows for clastic, carbonate, and unconventional reservoirs, contact geosoftware.info@cgg.com

CGG GeoSoftware

CGG GeoSoftware provides the industry's preferred comprehensive set of software products and support for E&P multi-disciplinary teamwork. High-end, cross-product workflows enable a better understanding of reservoir properties and how they evolve through the life of the field. GeoSoftware helps reduce reservoir risk and uncertainty in seismic reservoir characterization, velocity modeling, advanced interpretation, petrophysics, rock physics, AVO and geological modeling. The GeoSoftware portfolio includes **HampsonRussell**, **Jason**, **InsightEarth**, **PowerLog**, **EarthModel FT** and **VelPro**.

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