

Paradigm® is part of Emerson's Exploration & Production Software business, forming the largest independent developer of software-enabled solutions to the global oil and gas industry. Customers rely on Paradigm software to discover and extract hydrocarbon resources and make better business decisions. Paradigm solutions span critical exploration and production disciplines, from seismic processing and imaging to interpretation and modeling, reservoir characterization, and well planning and drilling.

Paradigm offers a rich portfolio of productivity tools and scientifically advanced applications for geologists, geophysicists and engineers who construct subsurface models from oilfield and other measurements. Paradigm solutions share a unified 3D visualization canvas and a network-based data management infrastructure.

The industry's leading oil and gas companies trust Paradigm's solutions for their daily work and for mastering their present and future exploration and production challenges.

Strategic Value

Professionals in oil and gas exploration and production companies use Paradigm solutions to gain deeper insight into the subsurface, reduce uncertainty, increase confidence and support responsible asset management.

We help customers:

- Get the most from their data
- Understand subsurface geology and petroleum systems
- Increase productivity without compromising quality
- Enhance confidence in decision making
- Maximize asset value



Corporate Profile

- Leading provider of advanced subsurface interpretation and modeling solutions through multi-disciplinary workflows.
- Advocate of unique, state-of-the-art approaches to delivering innovation and advancing technology breakthroughs, for the optimization of exploration and production results.
- Over 30 years of technological leadership in the energy industry.
- A portfolio of more than 700 customers in every major oil and gas producing region, including major, national and independent oil and gas companies, and exploration and production service companies.
- Active supporter and sponsor of industry education, research and development in the geosciences.

Paradigm E&P Domains

Seismic Processing & Imaging – Paradigm technologies and methodologies provide a robust velocity analysis solution that can reduce positional uncertainty, improve reliability of all information derived from the seismic data, and integrate interpretation and modeling with the seismic imaging framework.

Interpretation & Modeling – Paradigm offers innovative tools to improve productivity without compromising quality, by merging interpretation and modeling processes in a common environment, and by providing automated and interactive tools that enable users to interpret and accurately model complex structures and identify stratigraphic features in a highly efficient manner.

Reservoir Characterization – Paradigm solutions enable users to transform wellbore data into answers for governing reservoir management programs and optimizing hydrocarbon recovery. Users can seamlessly connect geophysical and petrophysical data to locate and evaluate new prospects and maximize production in proven fields.

Reservoir Engineering – A collaborative environment to facilitate transfer and iterations between geological models and flow simulation for reliable production forecasts, reserves estimation and development risks assessment.

Well Planning & Drilling Engineering – Paradigm offers a highly integrated portfolio of well planning and drilling technologies designed to help improve well planning accuracy, reduce drilling risk and optimize wellbore placement.

Data Management & Interoperability – The Epos® data management and interoperability framework provides users with a robust, scalable platform for the management of exploration and development data. Epos offers a common database, unified look and feel, and shared access to software.

Production Management – Paradigm provides intelligent solutions that help production and reservoir engineers meet key challenges in oil and gas production, including the design and management of well systems.

Paradigm: Exceptional people, breakthrough innovation and leading science. Learn more about us at: pdgm.com.

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