



DeNovo

**DeNovo Drives Operational
Excellence through Dynamic
Simulation and Real-Time Insights**



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- Richard Shepherd, DeNovo’s Chief Information Officer

Overview

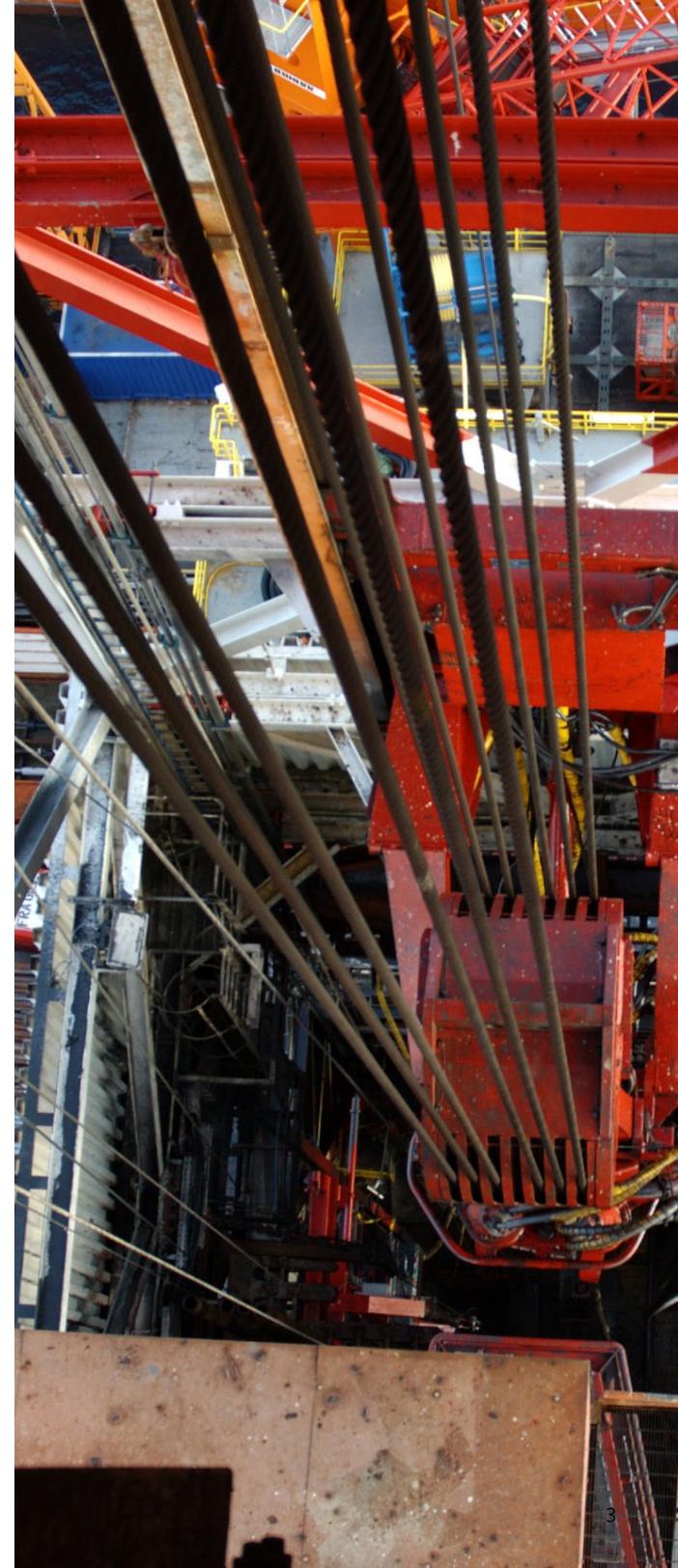
Headquartered in Trinidad and Tobago, DeNovo is an independent upstream operating company focused on monetizing proven natural gas reserves for use in the petrochemical sector. DeNovo is the operator of Block 1(a), offshore the west coast of Trinidad, and is actively seeking to grow its asset portfolio.

In order to deliver on its commitment to building a safe, sustainable and profitable business that will positively impact the Energy Industry—and ultimately enhance Trinidad and Tobago—DeNovo decided to deploy a strategy based on leveraging the best technology commercially available. The overall goal is to run optimized operations that support innovation, enhanced workflows and industrial efficiency.

Choosing the Right Partner

After conducting comprehensive research and an in-depth analysis of technology products and solutions, DeNovo concluded that AspenTech's aspenONE® solution portfolio was the right solution to achieve its strategic goals. The company chose aspenONE primarily because of its ease of use, flexibility and proven results from having been deployed at more than 3,000 sites around the world.

"AspenTech understands the level of complexity inherent to the offshore upstream natural gas business, and we've helped hundreds of organizations around the world with similar operational challenges to maximize their production output while drastically reducing their operating and maintenance costs," said Max Mascarenhas, AspenTech Vice-President for LATAM. "We are looking forward to working with DeNovo to provide the technology, best-practices and support it needs to accomplish its performance goals."





Reducing Costs and Risk, Increasing Productivity

Asset-intensive organizations like DeNovo manage complex operations with a wide range of risk profiles and must be agile and highly efficient to remain safe, competitive and profitable. Operating inefficiencies can account for as much as 25% loss in production output and up to a 40% increase in energy and operational costs.

AspenTech enables customers to achieve operational intelligence to ultimately drive operational excellence by:

- Enhancing design workflows while pushing the boundaries of what is possible
- Optimizing operations by running the assets to their performance limits
- Maintaining asset integrity while driving uptime via actionable insights driven by predictive analytics

aspenONE will enable DeNovo to store and visualize all operational data in dynamic ways so they can make operational, tactical and strategic decisions in real time. The company will also be able to look at different scenarios and identify design and operational problems early on, effectively optimizing processes in a more timely fashion.

“DeNovo maximized the opportunity to implement optimal systems for the development and operation of Block 1(a),” explained DeNovo’s Chief Executive Officer and Founder, Joel M. C. Pemberton. “As the global industry continues to change, we must be able to effectively adapt, and we plan to leverage the most dynamic technology to help us best manage operations, safely increase production, and enhance the value of our investment to all stakeholders.”

DeNovo’s CIO Richard Shepherd added: “We are confident that AspenTech has the experience, technology and expert community necessary to help us achieve our strategic goals today and tomorrow.”

AspenTech is a leading software supplier for optimizing asset performance. Our products thrive in complex, industrial environments where it is critical to optimize the asset design, operation and maintenance lifecycle. AspenTech uniquely combines decades of process modeling expertise with machine learning. Our purpose-built software platform automates knowledge work and builds sustainable competitive advantage by delivering high returns over the entire asset lifecycle. As a result, companies in capital-intensive industries can maximize uptime and push the limits of performance, running their assets faster, safer, longer and greener.

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