

Capstone Engineering: Your Digital Transformation Partner in Oil & Gas

The Oil & Gas industry is facing unprecedented challenges. A recent study by the International Energy Agency (IEA) found a 20% decline in global oil demand in 2023 compared to pre-pandemic levels (IEA Oil Market Report - December 2023:

<https://www.iea.org/reports/oil-market-report-december-2023>). This, coupled with technological advancements like electric vehicles with a projected market share of 30% by 2030 according to Bloomberg New Energy Finance (BNEF Electric Vehicle Outlook 2023: <https://about.bnef.com/electric-vehicle-outlook/>), and a competitive supply chain, have created a complex environment.

Our Expertise:

Oil & Gas Process Design: Optimize the extraction of various chemicals with our expertise in piping and instrumentation diagrams (P&IDs).

Downstream Operations: Streamline your downstream activities with our solutions for refining, transportation, and storage.

About Capstone Engineering Solution:

As a trusted partner to leading EPC & FEED contractors, Capstone Engineering brings decades of experience to help you navigate this changing landscape. We leverage industry-leading software solutions from Aveva, Hexagon, Siemens PLM Software, and Enovia to optimize your entire upstream, midstream, and downstream operations.

Our Services:

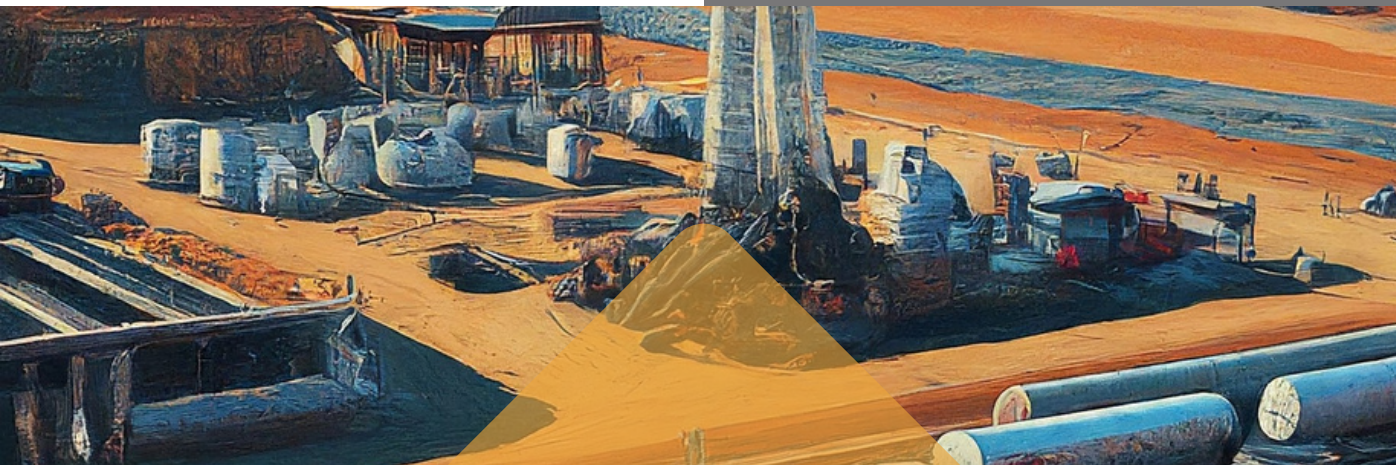
System Integration: We seamlessly integrate these powerful software solutions into your existing workflows, maximizing their impact.

Professional Services: Our team of experts provides comprehensive training, implementation & ongoing support to ensure you get the most out of chosen software.

Managed Services: Take advantage of our expertise with ongoing application management and maintenance, freeing your team to focus on core business activities.



Oil and Gas Brochure



Software Solutions

-Aveva E3D Design: Create detailed 3D models for oil and gas facilities, including stress analysis using Tekla software. This ensures optimal pipe design and minimizes risk. (Used by companies like Saudi Aramco and Abu Dhabi National Oil Company (ADNOC) through EPC contractors)

-Hexagon: Hexagon offers a variety of software solutions that cater to different stages of the oil and gas lifecycle, from design and engineering to operation and maintenance. Hexagon's CADWorx software is a popular choice for 3D plant design and modeling. It is used to design complex oil and gas facilities, including refineries, petrochemical plants, and offshore platforms.

-Siemens PLM Software: This comprehensive portfolio allows you to digitally design, analyze, and optimize products before physical production, minimizing costs and maximizing efficiency.

-Enovia (3DEXPERIENCE® Platform): This revolutionary platform unifies all aspects of your business, fostering seamless collaboration, improving execution, and accelerating innovation. It empowers teams across the value chain to work together securely, transforming market opportunities into real-world advantages.

Key Benefits:

- **Decades of experience in Oil & Gas**
- **Expertise in upstream, midstream, and downstream operations**
- **Industry-leading software solutions from Aveva, Hexagon, Siemens PLM Software, Enovia, etc.**
- **System Integration, Professional Services, and Managed Services**
- **Improved collaboration, efficiency, and innovation**



Partner with Capstone Engineering and leverage the power of industry-leading software solutions to navigate the complexities of the Oil & Gas sector. Contact us today to unlock your digital transformation journey!

Technical aspects presented in an easy-to-understand manner:

- We focus on the benefits of the software for Oil & Gas processes rather than deep technical specifications.
- We use clear and concise language to explain complex concepts.

Contact Us

Contact us today for a free consultation to discuss your specific needs and see how our software solutions can optimize your Oil and Gas operations.

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