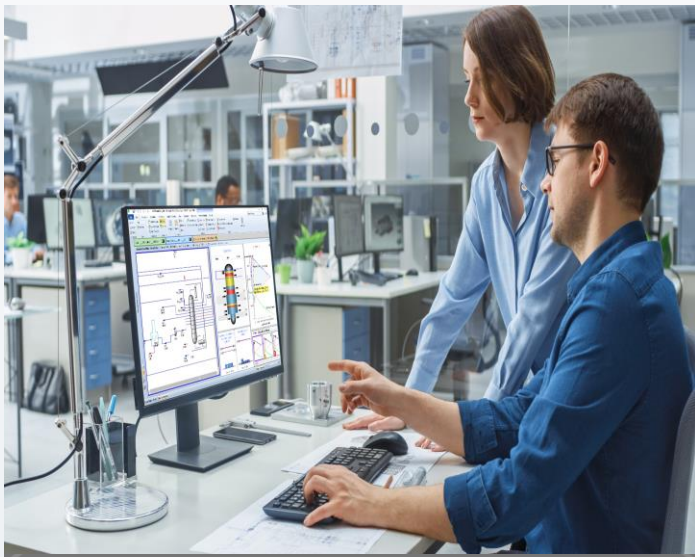


Optimal Plant Design & Operations

AspenTech offers one of the top process simulation solutions for the process industry that leverages AspenTech's >40 years of proven success, optimizing design & operations with best-in class physical properties, thermodynamic packages, Industrial AI and more.



Using AspenTech solution, Chevron ensured safe operations and saved \$30M in CAPEX while adding a new auxiliary platform bridge to an existing offshore oil production facility.*

*Please Note: This case study leveraged AspenTech solutions to achieve the stated benefits. While these AspenTech solutions can run

Process Simulation & Optimization

The AspenTech Process Simulation & Optimization solution helps process industry meet their profitability and sustainability targets by optimizing their design and operations across the asset's lifecycle. With solutions deployed on Microsoft Azure customers can scale benefits even faster.

This solution employs first principles based rigorous process simulation that leverages Industrial AI, best-in class physical properties and thermodynamic correlation packages, rigorous simulation of equipment such as reactors, distillation columns, solids-handling equipment, heat exchangers etc.

In addition to process simulation, the AspenTech Process Simulation & Optimization solution enables cost estimation, emissions tracking, energy analysis and heat exchanger equipment design from within the same software environment. It helps both continuous and batch processes and it ensures process safety by enabling design and rating of complete overpressure protection system.



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