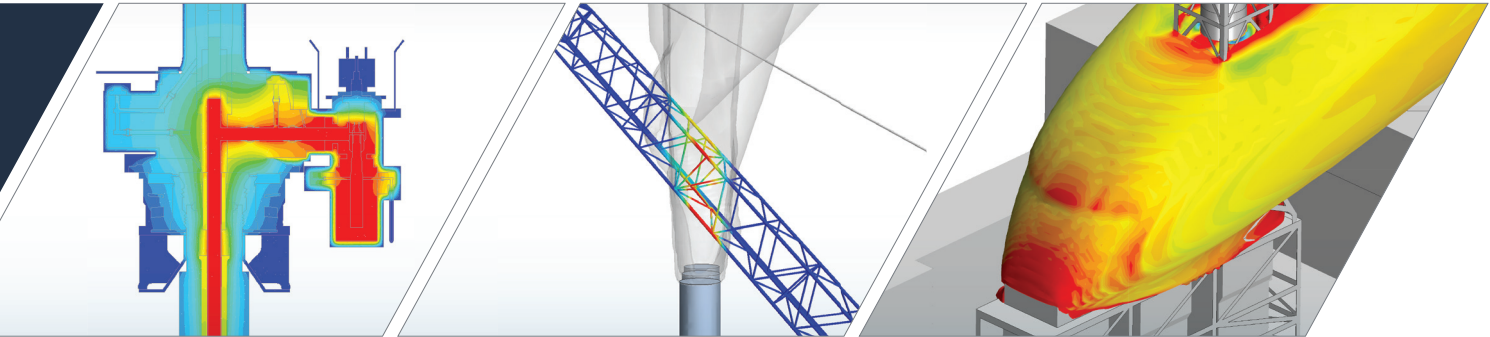


Thermal Analysis



Results-driven thermal analysis

In the oil and gas industry, it is imperative that operators fully understand the thermal performance of their equipment. Systems are continuously at risk and threatened by temperature-dependent mechanisms such as hydrate and wax formation. Key advances in modern technology allow explicit models of complex systems to be built, providing a deeper insight when compared with existing theoretical calculations.

Experience that works

The Wild Well Advanced Engineering group comprises leading engineering consultants with expertise in all aspects of thermal analysis. Building on a history of collaboration with leading equipment manufacturers to develop unparalleled knowledge of thermal behaviors, Advanced Engineering uses best-practice guidelines, independently validated in large-scale tests, which are continually updated to reflect the advancement of technology in the industry. We offer:

Subsea thermal projects

- Cool-down analysis
- Warmup analysis
- Insulation assessment
- Electrical heating

System safety

- Shutdown envelopes
- Thermal fatigue
- Exposure to fire and blast
- Thermal plumes

Component interaction

- Heat exchangers
- Pipeline insulation
- Blowout modeling