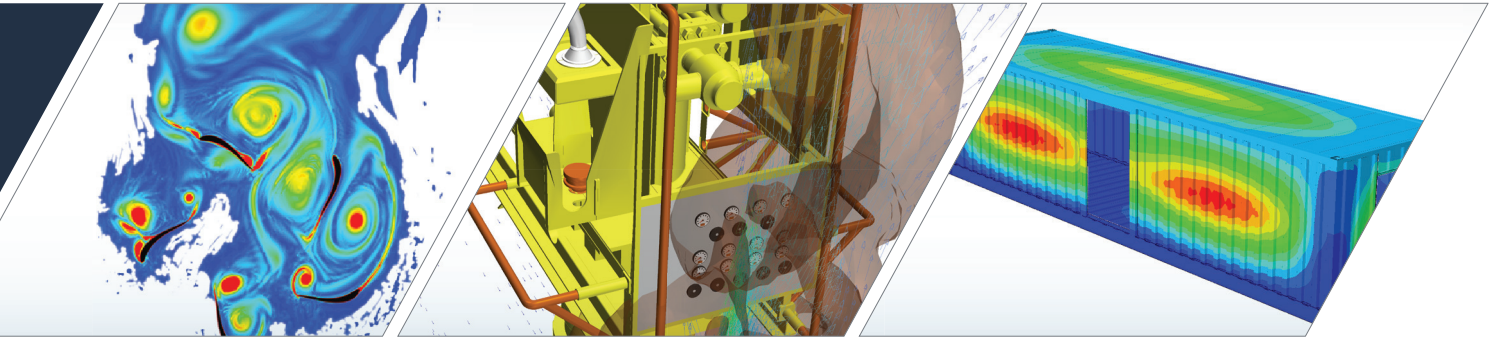


Fluid Structure Interaction



Results-driven fluid structure interaction

Engineering systems often involve complex interactions between fluids and mechanical objects. These coupled systems are often difficult to understand and challenging to define with the use of classical calculations. However, modern analysis allows detailed mathematical models to be built, which take into account all of the relevant physics involved, increasing an understanding of the engineering system and its interactions.

Experience that works

Wild Well is at the forefront of advanced engineering analysis. With access to a suite of industry-leading tools, the Wild Well Advanced Engineering group offers top technical solutions for a wide range of problems around the world. Wild Well provides clients cost-effective resolutions, turning the difficult problems of the past into an opportunity for a more productive, lucrative future. We offer:

Fluid structure interaction

- Pigging analysis
- Capping stack deployment assessment
- Blast wave structural response
- Tank sloshing analysis

Coupled disciplines

- Thermal fatigue
- Dropped objects
- Vortex-induced vibrations

Systems assessment

- Frequency response analysis
- Stability studies
- Fluid loading analysis