

# THINK SOLUTIONS ENGINEERING

Solutions from concept to commercialization



# SERVICES

Think Solutions is an engineering company that provides consulting services for challenging problems in a variety of fields including aerospace, energy, and industrial research and development. We offer a broad range of services ranging from simulations, such as computational fluid dynamics (CFD) or structural analysis (FEA), to physical design, prototyping, and evaluation.

## CONCEPTUALIZE

- Fundamental Analysis
- Scientific Literature
- Scientific Literature Analysis
- Patent Search
- Numerical Modeling and Simulation

## DESIGN

- Computational Fluid Dynamics (CFD)
- Finite Element Analysis (FEA)
- Electro-Mechanical Design and Integration
- Test Fixtures
- Application Specific Software
- Machine Learning/AI

## IMPLEMENT

- Proof of Concept Prototypes
- Laboratory Devices
- Project Management
- Milestone and Budget Monitoring

## EVALUATE

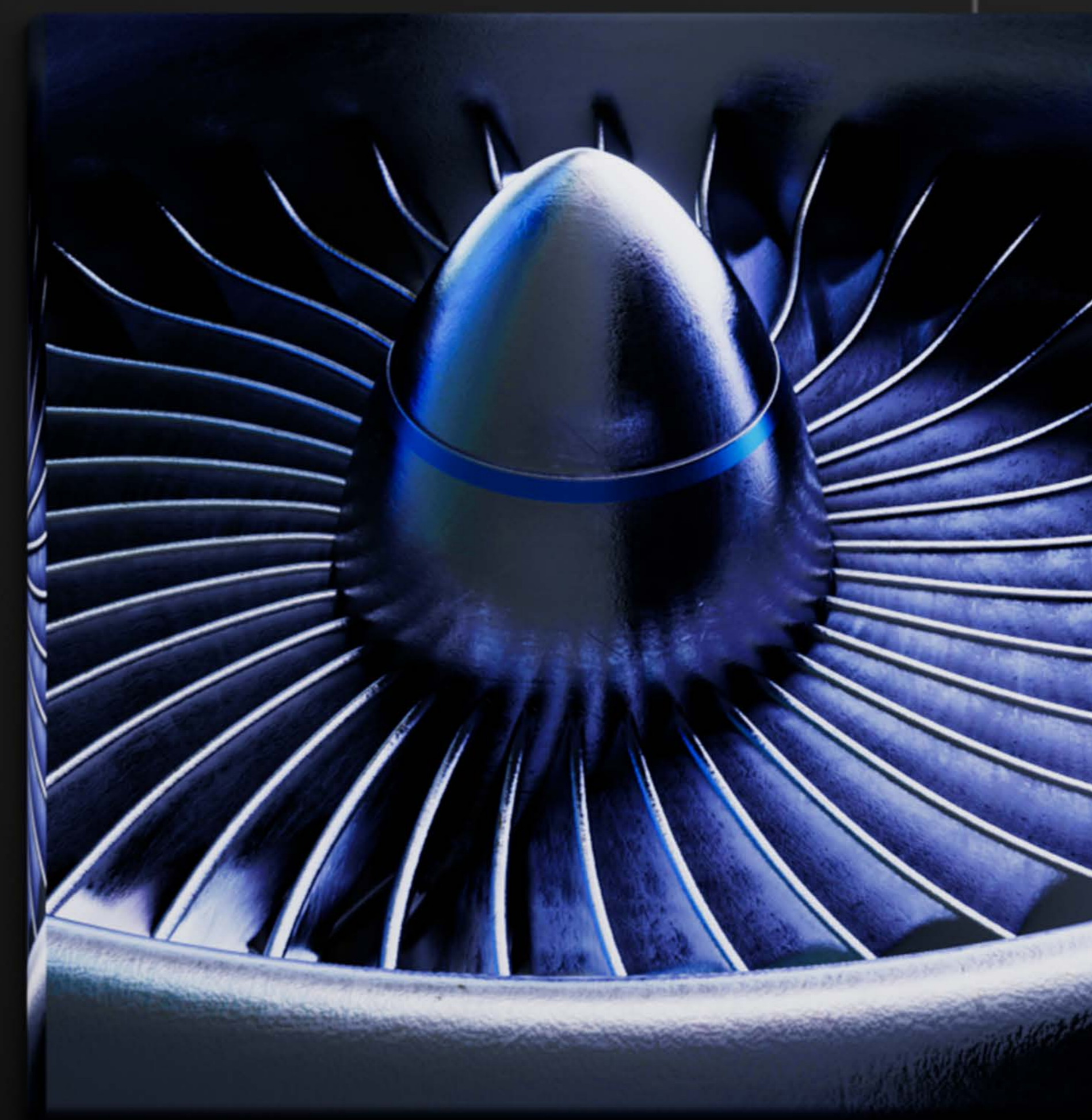
- Prototype Testing and Analysis
- Instrumentation and Data Acquisition
- Sensor and Signal Conditioning



# INDUSTRIES SERVED

## INDUSTRIAL

We offer analysis, simulation and prototyping of industrial processes involving fluid dynamics, thermodynamics, heat transfer, or combustion.



## ENERGY

The production, transport, and use of energy is one of the most pressing technical challenges of our time. We can work with you on conventional or alternative energy projects, including renewables, energy storage, and hydrogen.

## AEROSPACE AND DEFENSE

Many problems in aerospace and defense involve optimization of complex multi-disciplinary systems. From propulsion to aerodynamics, we have experience in analysis, simulation, design, and flight testing.





[www.thinksoln.com](http://www.thinksoln.com)  
[contact@thinksoln.com](mailto:contact@thinksoln.com)  
+1 (403) 808 8520

Solutions for all your research and development needs

2324.111

554.111

1124.11133

06:00

08:00