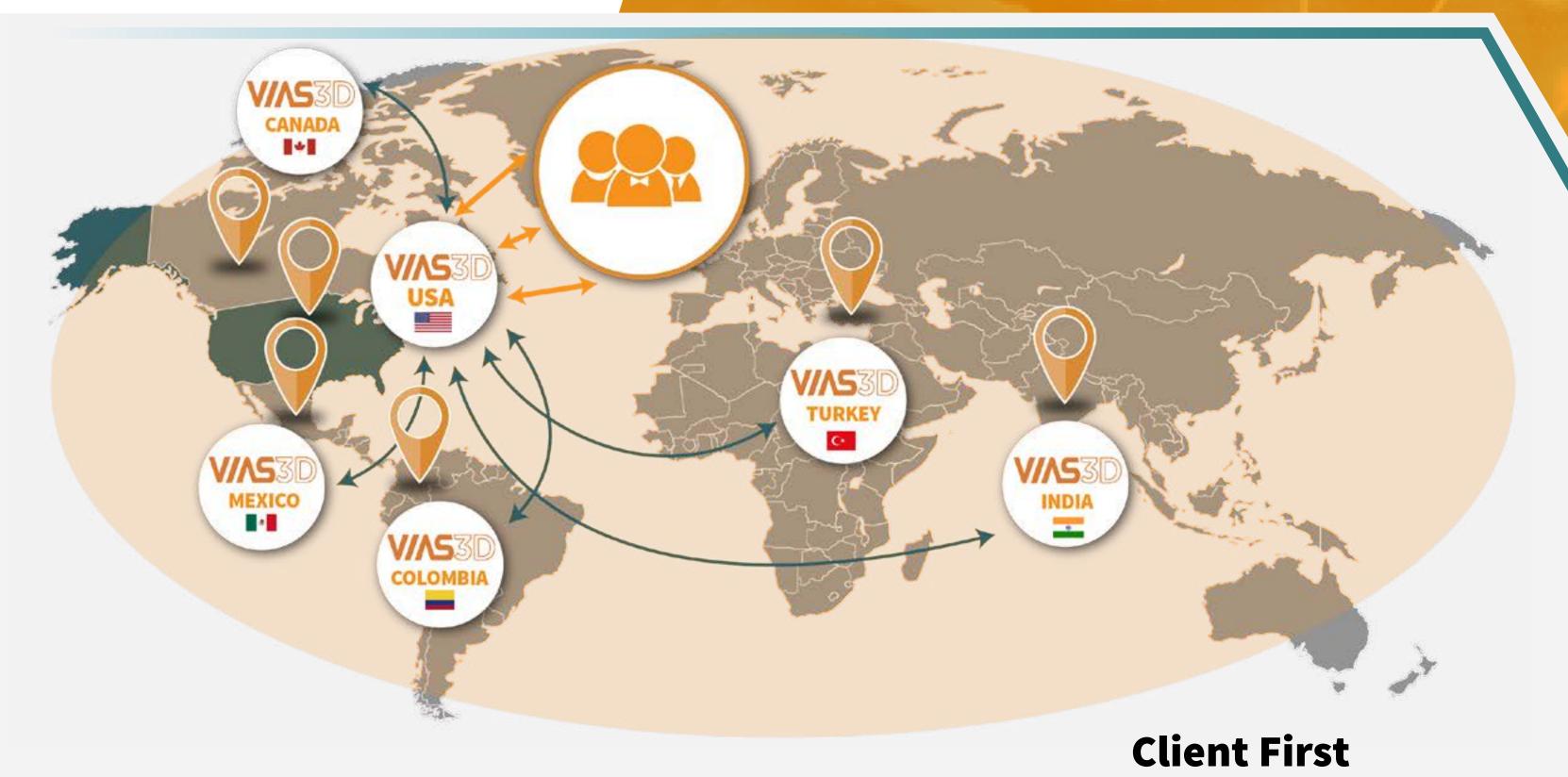


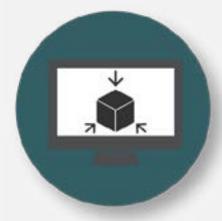
## Global Presence with Quality and Efficiency





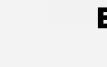
## **CUSTOMER NEEDS**

- Industry Experience
- Software Solution Expertise
- Trusted & Dedicated Collaboration
- Validated Models & Workflows
- Digital Twin & Data Analytics
- Automation & Democratization
- Business & Market Intelligence
- R&D and Innovation Support
- Optimization & Reliability Studies
- Excellent ROI
- Training & Knowledge Transfer















High Fidelity Solutions



**Technical Excellence** 



Security



**Excellent ROI** 

Scalability & Flexibility





## OUR DNA



### **CLIENT FIRST**

- Long Term Engagement Focused
- Dedicated Customer Satisfaction Manager



### **TECHNICAL EXCELLENCE**

- Technical Expertise and Industry Experince
- Experience with Regulations
- Codes and Standards Involvement
- Technical Publications
- R&D and Innovation



#### **TRANSPARENT**

- Detailed Report
- Sharing Analysis Files
- Training



### HIGH FIDELITY SOLUTIONS

- Quality of Deliverables
- Verified and Validated Work



### **EFFICIENCY**

- Execution Efficiency
- On-time Delivery
- Quick Response
- Uninterrupted Support
- Dedicated Client Liaison



### **SCALABILITY & FLEXIBILITY**

- Scalability of Support Team
- Cloud Computing
- Emergency Support



### SIMULATION EXCELLENCE

- Multiphysics and Multiscale Solutions
- Software Agnostic Approach
- Design, Simulation, Data Analytics
- Optimization & Reliability



### **SECURITY**

- Data Security
- Secured Collaboration & Communication



### **EXCELLENT ROI**

- Optimized Cost
- Volume Discount
- Efficient Resource Utilization



## CONSULTING



### **VIRTUAL TESTING**

- Democratization of Simulation
- Structural Analysis (FEA)
- Flow and Thermal Analysis (CFD)
- Electromagnetics (EM)
- Fluid Structure Interaction (FSI)
- System Simulations
- Multiphysics & Multiscale
- Optimization & Reliability
- MBSE



### **SPECIALIZED AREAS**

- User Subroutines
- Failure Analysis
- Material Calibration
- 3DEXPERIENCE / PLM Implementation
- Industrial Automation
- Additive Manufacturing
- Plant Engineering



### **3DEXPERIENCE**

- Design and Digitalize workflows
- Project Automation & Templatization
- Design and Engineering
- ModSim Onboarding and Best-practices
- Collaboration



### DIGITAL TRANSFORMATION

- Digital Twin
- Data Analytics
- Surrogate Models
- Automation & Web-based Tools



## TRAINING



## **Upskill-Homogenize-Workforce Reskill**





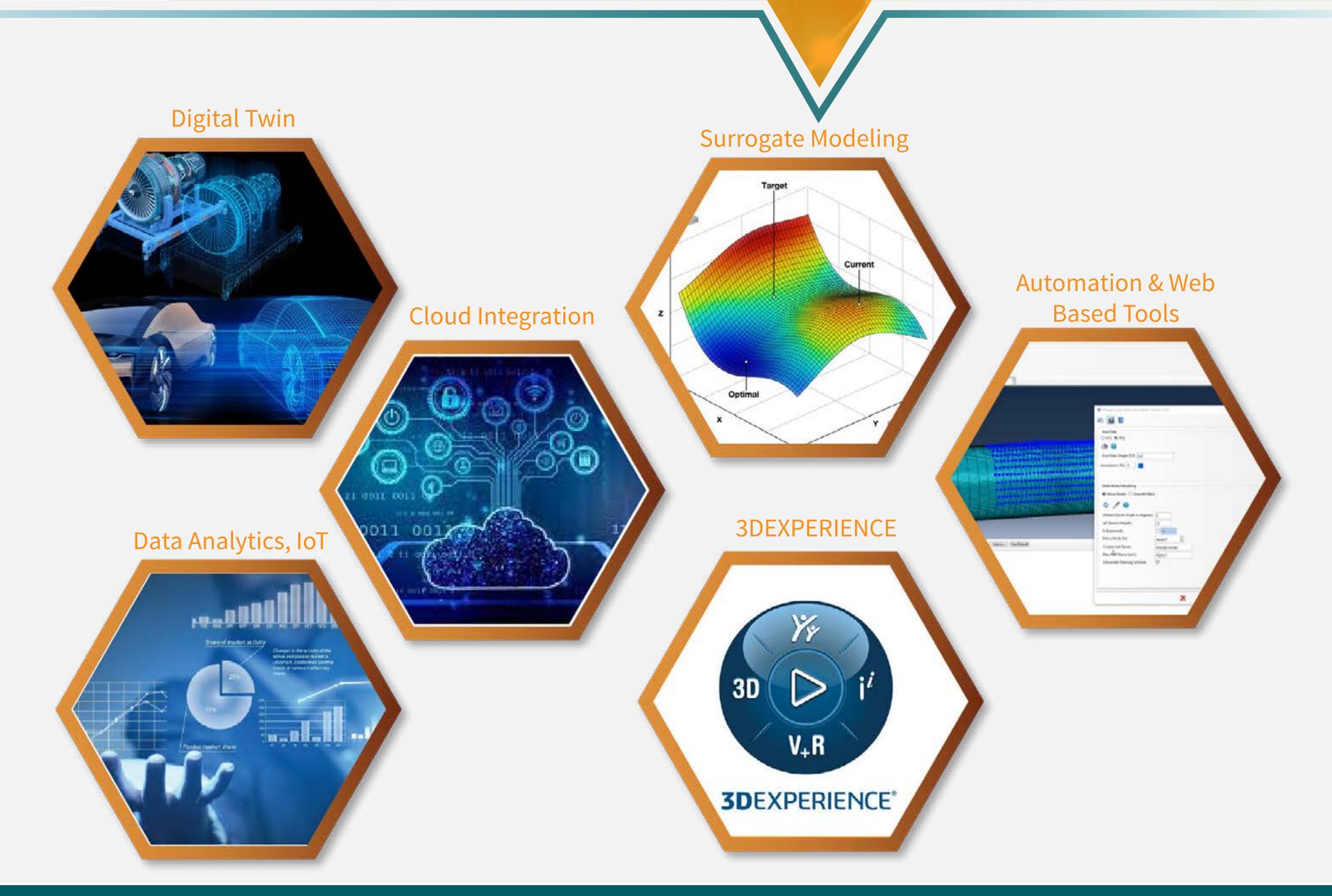


EXPLORE OUR BROCHURE



# DIGITAL TRANSFORMATION







# TECHNICAL RESOURCE AUGMENTATION

## FOCUS ON STRATEGY, LEAVE EXECUTION WITH VIAS3D



### **IMMEDIATE NEEDS**

(Quick turnaround, production runs, running templatized models, ..)





### **NEAR TERM STRATEGIC NEEDS**

Addressing end-user value (High-fidelity model development, creating templated workflows, strategic automation, webtools, ..)



Advancement (Modsim automation and adoption, data driven efficient simulations, digital twin,...)



### **CLIENT PROGRAM AND PROJECT MANAGERS**

Requirement gathering, prioritizing, managing deployment, and adoption planning



**VIAS3D** to support with qualified resources having appropriate experience and expertise with option to hire resources

**EXPLORE**OUR BROCHURE



## SIMULATION PROCESS CONSULTING

### **BUSINESS GOALS**



- Reduce design iterations and enhance productivity
- Reduce risk and improve reliability
- Accelerated time to market
- Reduce dependency on Physical tests
- Knowledge capture and democratization
- Reduce overall cost

## BUSINESS CHALLENGES



- Increasingly complex and multidisciplinary products
- Increased demand for energy efficiency, lower carbon-footprint, lightweighting
- Satisfying increasingly complex requirements and regulatory oversight
- Assuring product reliability
- Assuring long-term, after-market performance
- Design-Test-Improve cycle too slow for rapidly shifting consumer needs

## ROLE OF MODELING & SIMULATION



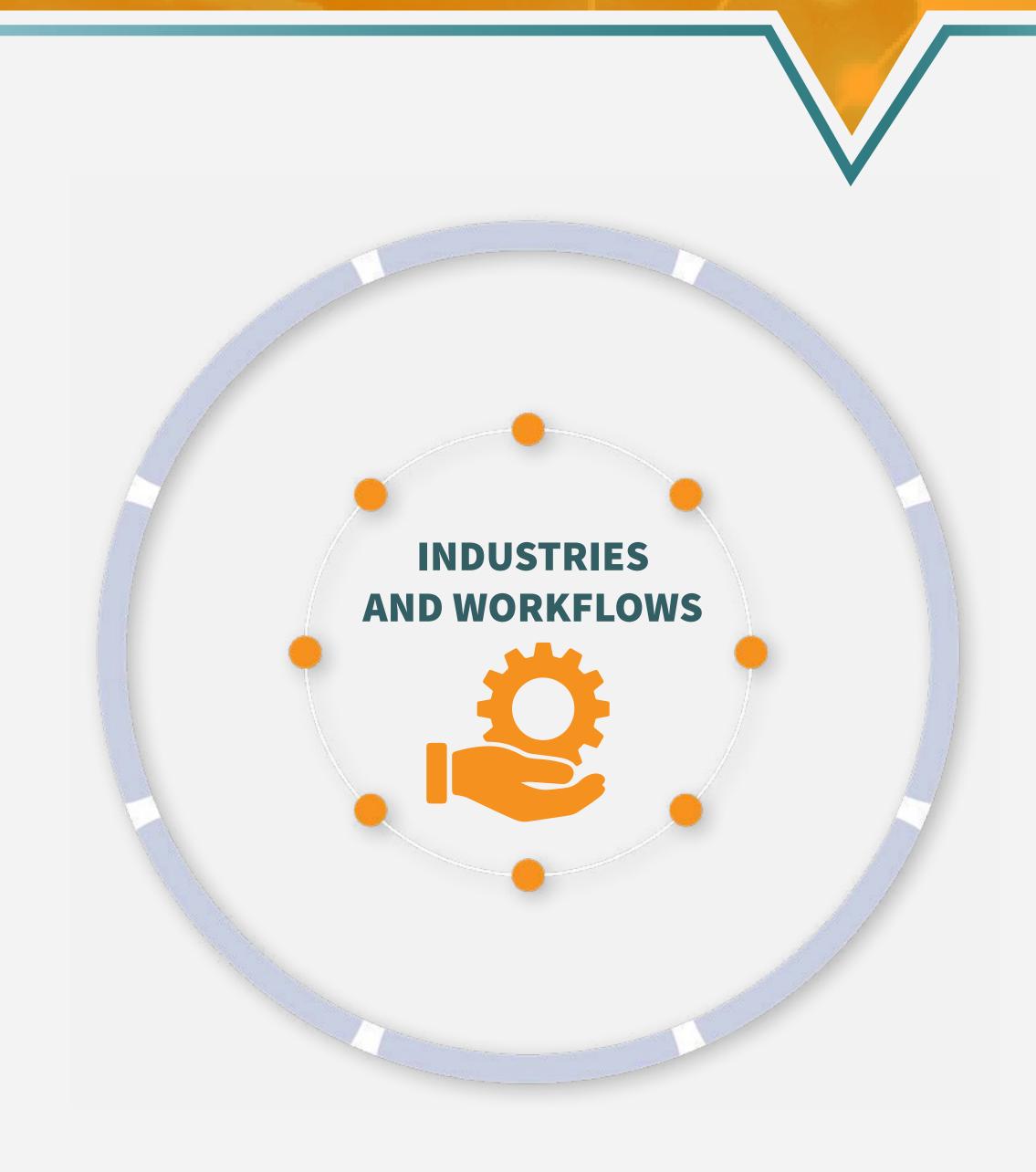
- Virtually test complex designs and responses under life-like normal and extreme conditions
- Evaluate designs fast and at a significantly reduce cost
- Capture multidisciplinary and multiphysics aspects
- Detailed insight into product performance for reliability and future enhancements
- Guiding companies to establish first simulation approach

**Adoption Needs Strategic Approach** 



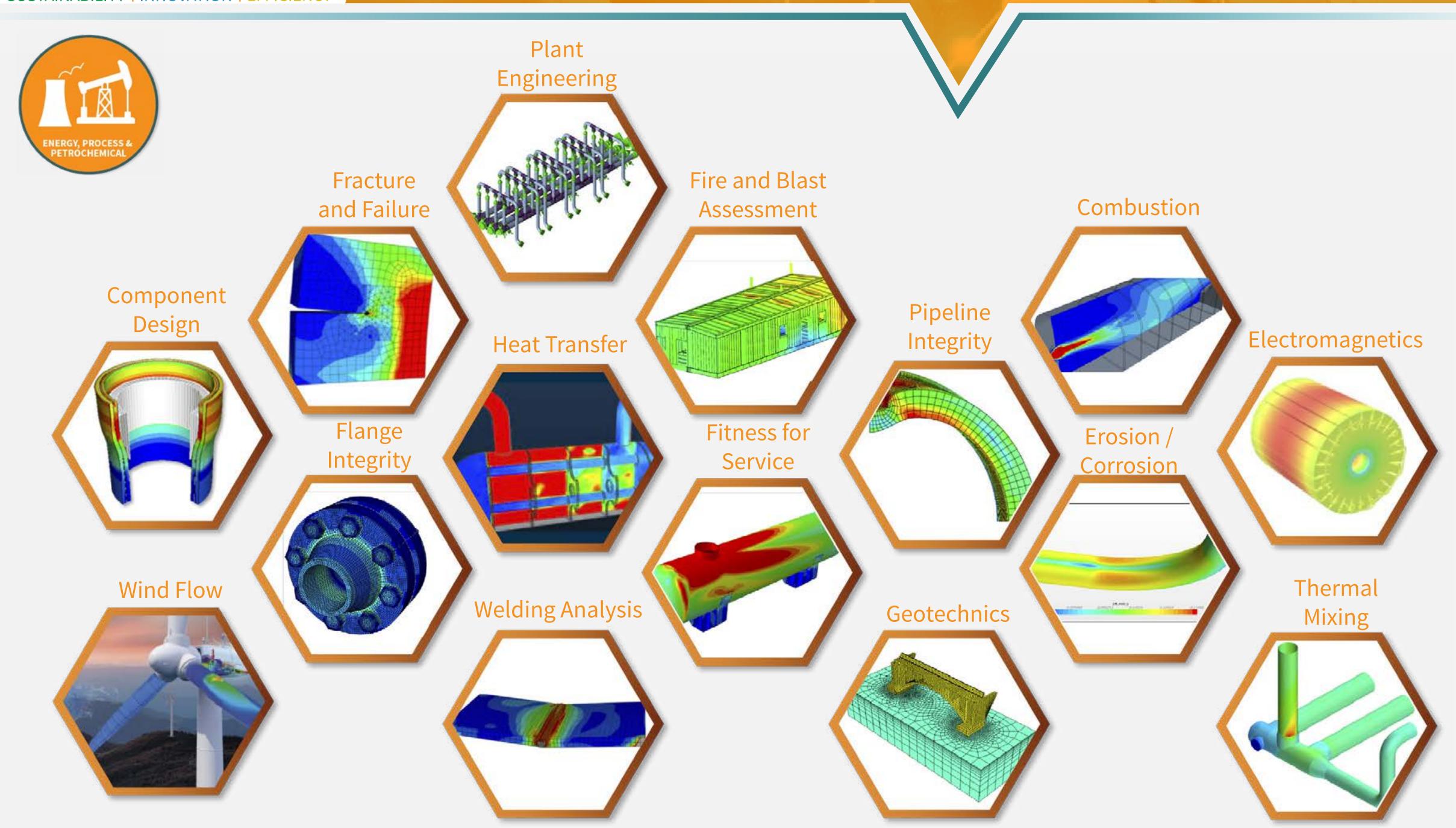


# INDUSTRIES AND WORKFLOWS





# ENERGY, PROCESS & PETROCHEMICAL



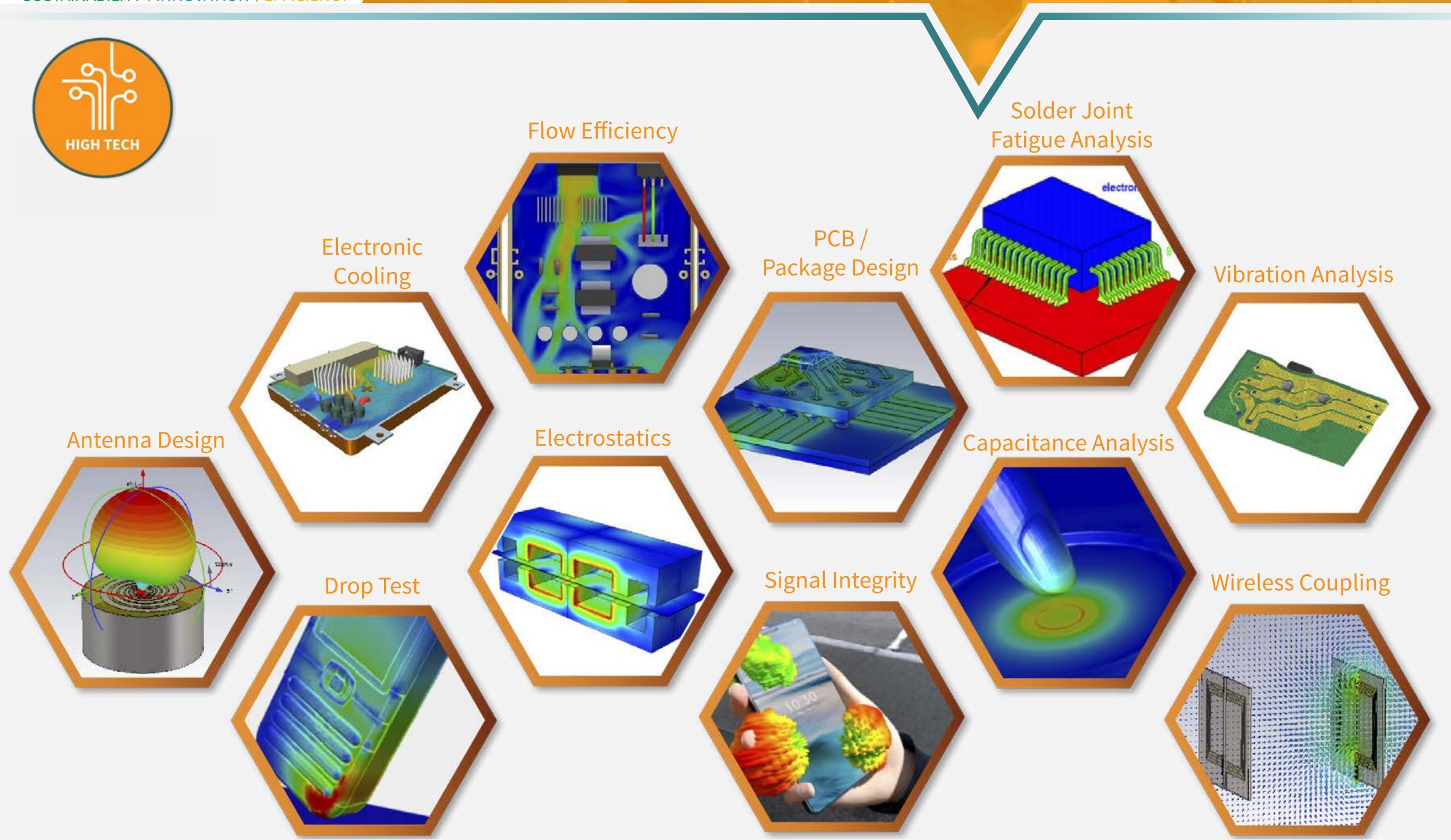


# **CPG**



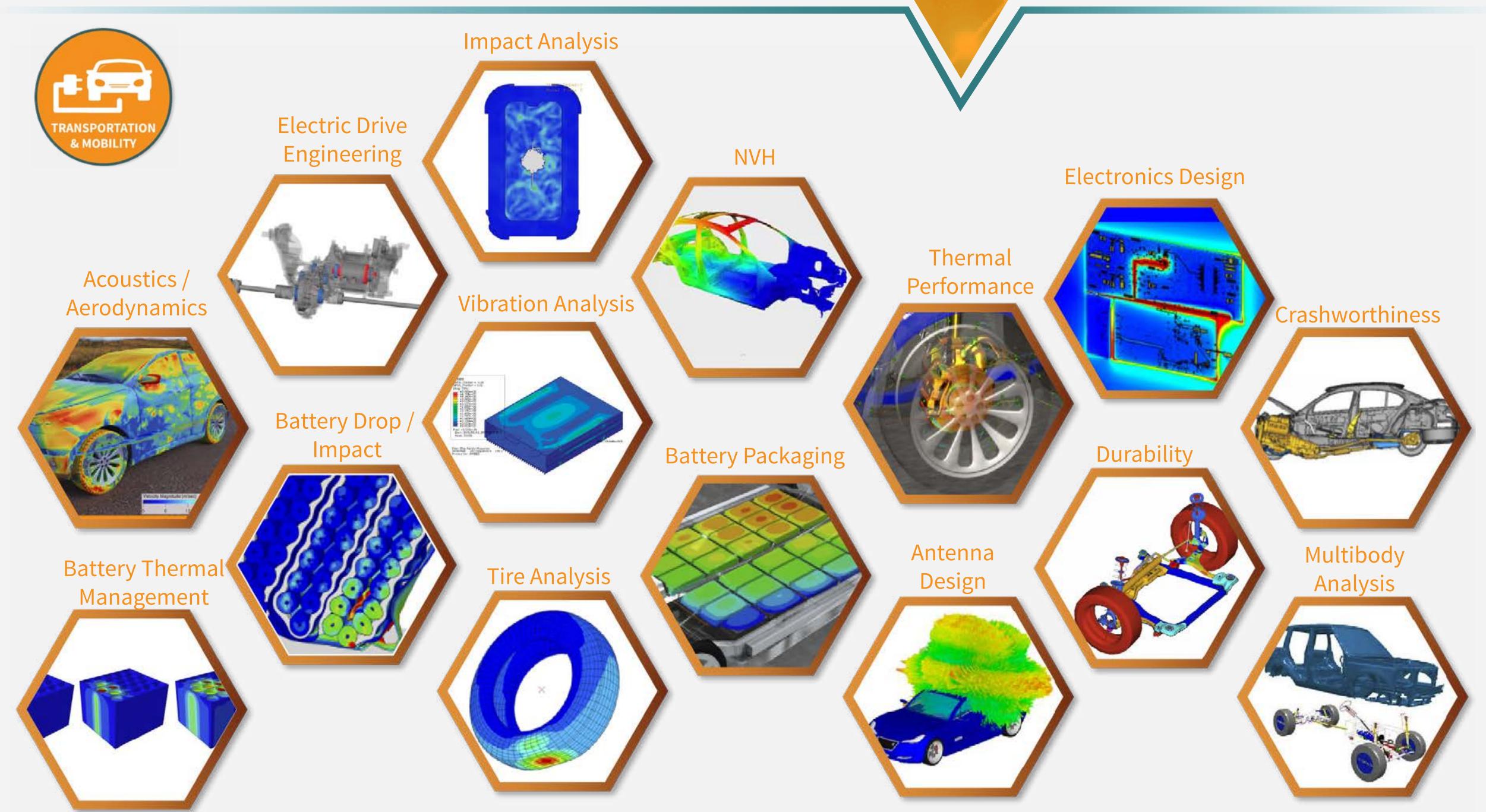


# HIGH TECH



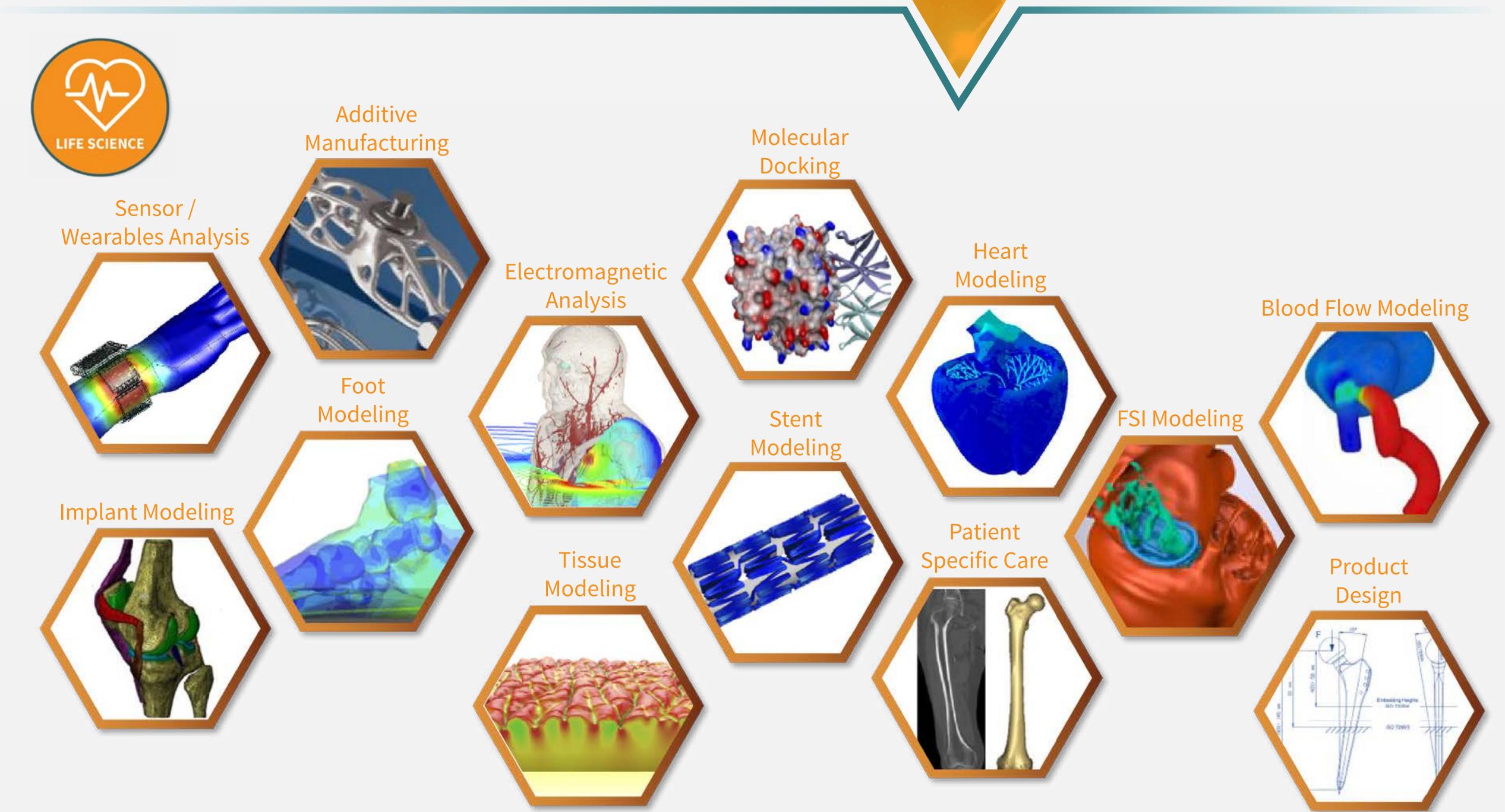


# TRANSPORTATION & MOBILITY



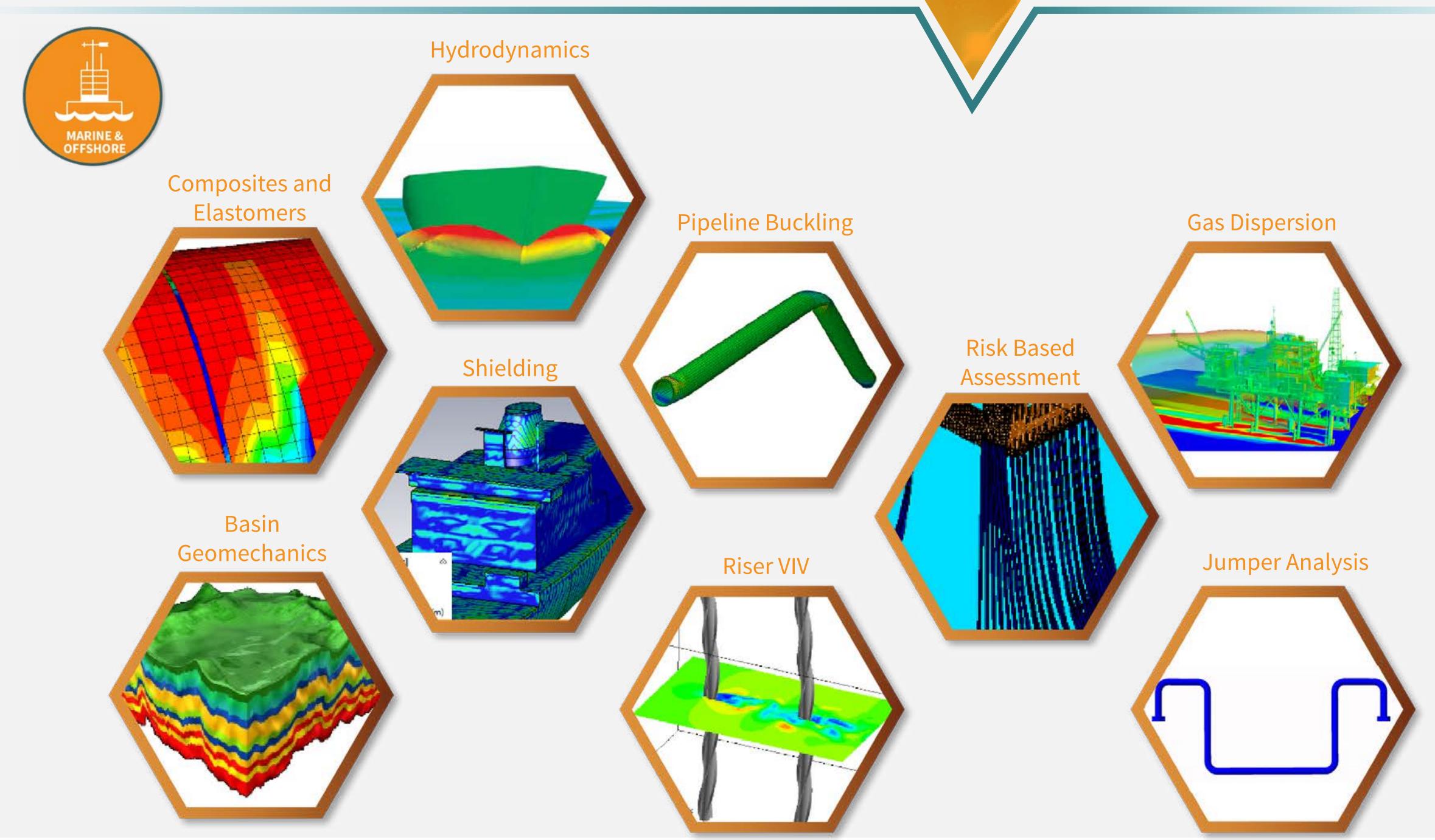


# LIFE SCIENCE



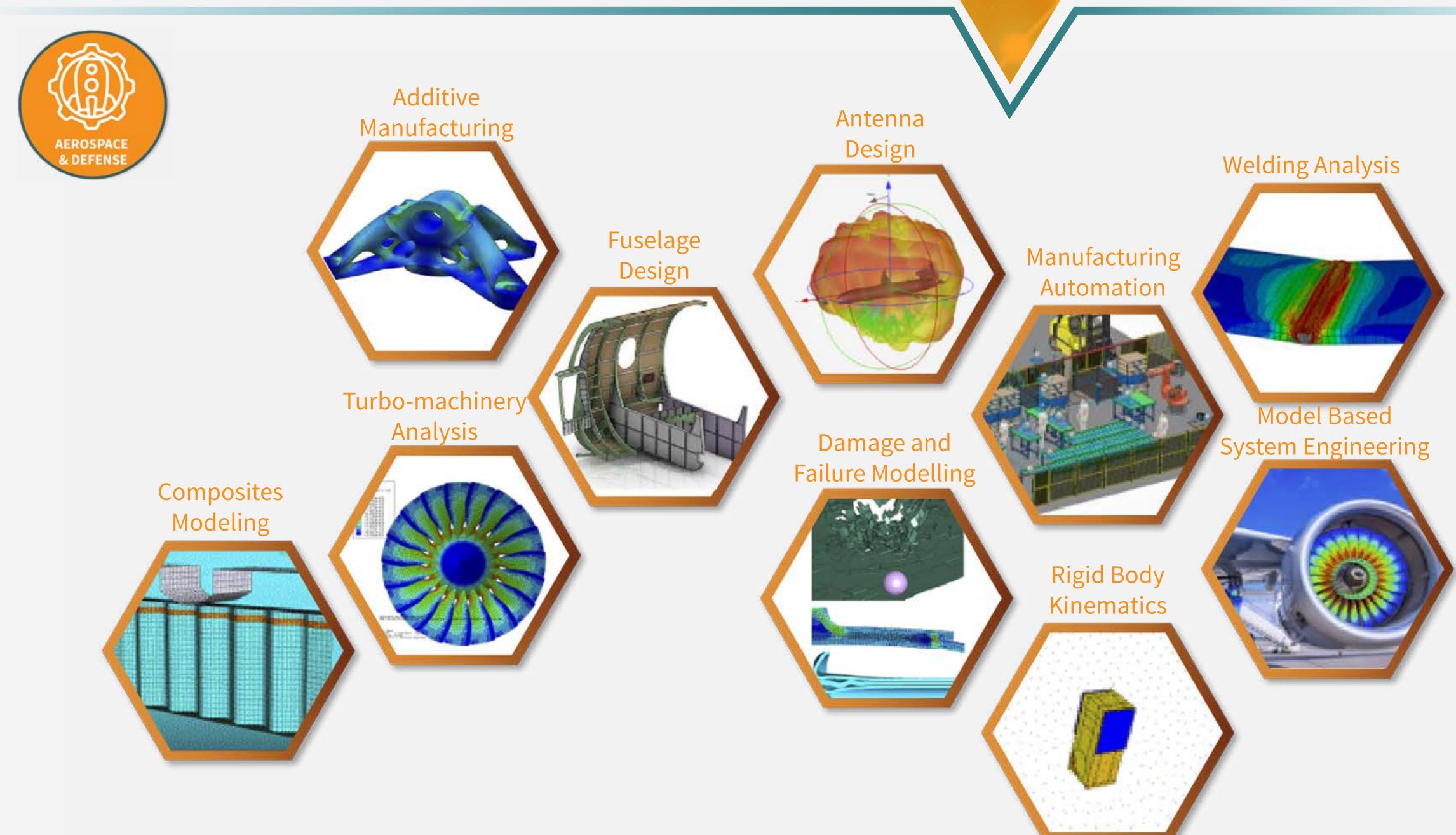


# MARINE & OFFSHORE





## AEROSPACE & DEFENSE





# INDUSTRIAL EQUIPMENT

