## HIGH FIDELITY MULTIPHYSICS SIMULATION

Supporting R&D and Product Development in Extreme Environments Through Virtual Testing

## **COMPUTATIONAL PHYSICS**

- Structural Mechanics
- CFD / Hypersonic Flow
- Chemical Kinetics / Explosives
- Material Modeling
- Fire Dynamics
- Biomechanics

## **ANALYSIS AND DESIGN**

- Reverse Engineering
- Optimization
- Trade Study Evaluation
- Survivability
- Lethality
- Mobility

