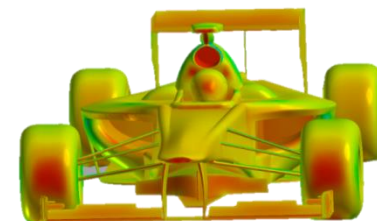


Geometry Creation and Preparation

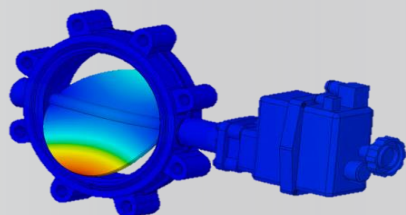


Meshing for all Physics

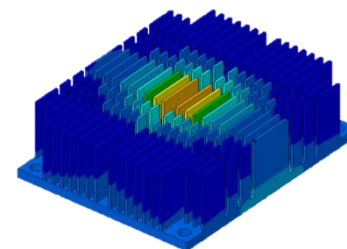


Fluid Flow

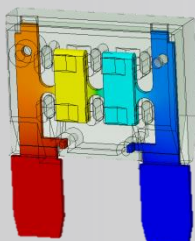
AIM is an integrated solution for **3D engineering simulation** encompassing the breadth of ANSYS physics in a **single, modern user environment.**



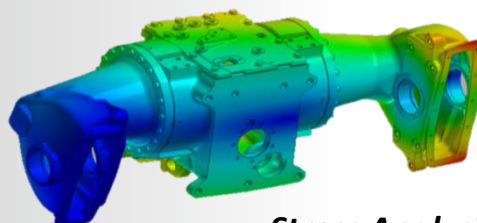
Fluid-structure Interaction



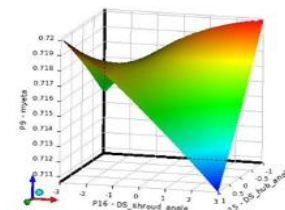
Heat Transfer



Electric Conduction



Stress Analysis



Design Exploration

Engineering Challenges

Desire to **leverage simulation** early in the design process, but **resource limited**

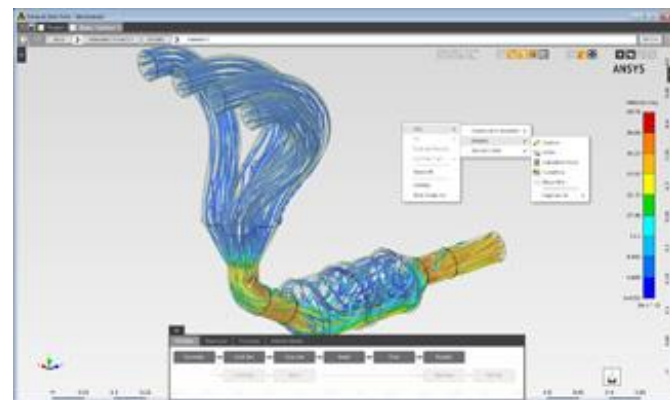
Many simulation tools have steep learning curves and are not suitable for occasional users



AIM Solution

Templates and **guided workflows** enable every engineer to rapidly obtain meaningful results

Customization and scripting allow experts to **automate complex simulations** for the entire organization



Engineering Challenges

Effective **design decisions** require the understanding of **multiple physics**

Learning simulation for a **new physics** is like learning a **new language**

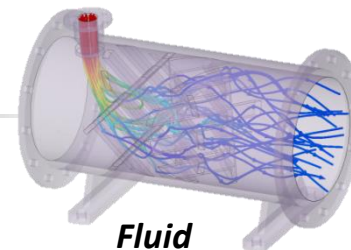


AIM Solution

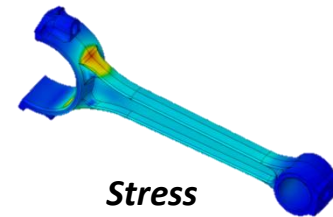
Multiple and multiphysics, by design

A **single user environment** designed for complete **3D engineering simulation**

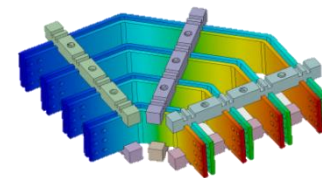
An **intuitive, customizable user experience** across all aspects of simulation



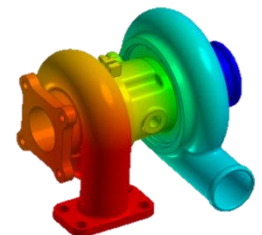
Fluid



Stress



Electric



Thermal