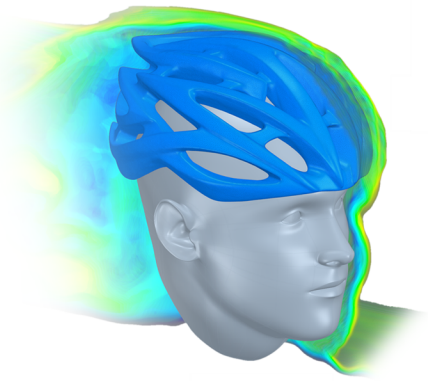
ANSYS

Discovery

Rapid 3D Design Exploration

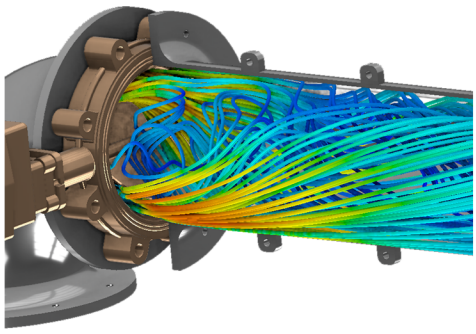
Download a free trial now at ansys.com/discovery

Discovery Live



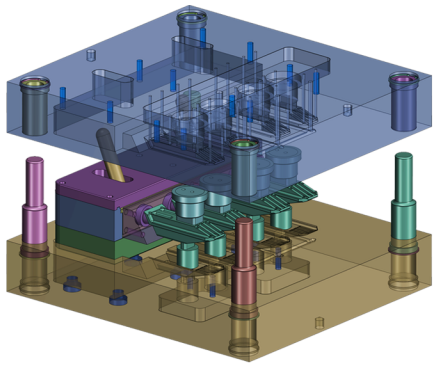
Real-time, 3D engineering simulation for accelerated product exploration

Discovery AIM



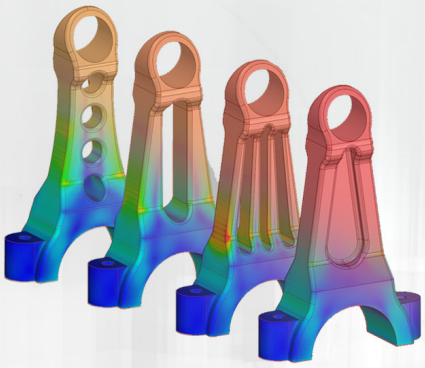
Upfront simulation tool with guided workflows, accurate results and optimization capabilities

Discovery SpaceClaim



3D software for concept modeling, design, manufacturing, reverse engineering and 3D printing

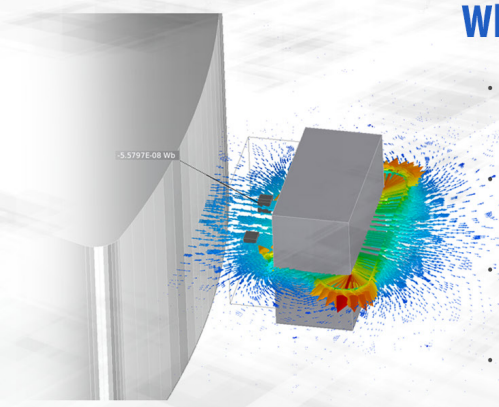
Digitally explore concepts and test critical design choices before you commit costly resources.



Discovery Live

Why use Discovery Live?

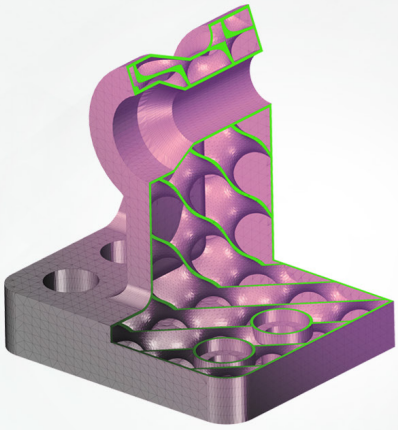
- Instantaneous simulation experience for rapid design exploration.
- Groundbreaking speed and simplicity enable quick evaluation of design options before continuing with detailed design and validation.
- Structural, fluids, modal or thermal applications in a single tool.
- Easy to use and learn — engineers at all levels can perform their first simulation in a few minutes.



Discovery AIM

Why use Discovery AIM?

- High–fidelity, highest–accuracy simulation for detailed analysis of product performance.
- Broadest set of physics in the industry including fluids, structural, modal, thermal, electronics, topology optimization and multiphysics.
- Intuitive, customizable and guided workflows accelerate learning curves for all users.
- Simulations are run with proven and accurate ANSYS solver technology for detailed design validation.



Discovery SpaceClaim

Why use Discovery SpaceClaim?

- Easy and rapid concept modeling and design of 3D parts, assemblies and drawings. Non-native CAD data can be imported and edited.
- STL files can be reverse engineered or autosurfaced in seconds.
- Prepares, optimizes and edits all models for 3D printing.
- Quickly creates manufacturing fixtures and process plans; optimizes and repairs models for toolpath generation.
- Designs, imports, unfolds and optimizes sheet metal files for manufacturing.

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