

CREO SIMULATION LIVE

Real-time feedback as
you design



What if your 3D CAD software could provide design feedback in real time?

It can. With Creo Simulation Live, powered by Ansys you define a few simple conditions, and the software works in the background to give you instantaneous, dynamic feedback in your Creo modeling environment.



It's no secret that the pressure is building on designers to create lighter, faster, and stronger products at lower cost that work the first time. Creo Simulation Live, powered by Ansys gives you real-time feedback on your design decisions as you make them. This fast, easy-to-use tool is fully integrated into the 3D CAD modeling environment. Now you can iterate more quickly, generate more options, and design with greater confidence.

Each time you make a change, it's analyzed in seconds. That's not just convenience and speed, that's design guidance as a normal part of your workflow. No need to simplify geometry, create a mesh, or move between windows. Get to your best work faster, and enjoy the benefits of a tool developed specifically for the design engineer.

What might you discover as you create and test multiple design variations?

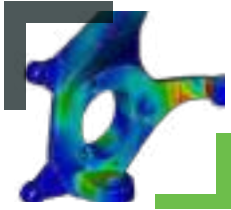
FEATURES AND BENEFITS >

- 1 Real-time: Instantaneous simulation results for parts and assemblies directly in the modeling environment.
- 2 Interactive: Analysis updates dynamically as users edit or create features.
- 3 Confidence: Powered by Ansys technology.
- 4 Ease of use: Run your first simulation in minutes. No need for geometry preparation, meshing, or waiting for results.
- 5 Discover problems earlier in the design process when they are easier and less expensive to fix.
- 6 Produce products that more quickly meet functional requirements, and explore more design alternatives faster.
- 7 Reduce the wait times associated with traditional simulation tools.
- 8 Save analyst time and cost for high-end analysis while eliminating bottlenecks.

REQUEST A DEMO >>

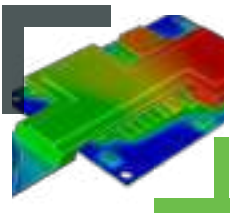


CREO SIMULATION LIVE, POWERED BY ANSYS* >>>



Structural Analysis

- Determine the structural integrity of components subject to real-world constraints and loads
- Examine stress and deflection results



Thermal Analysis

- Analyze the effects of intense heat or cold by adding boundary conditions to your geometry



Modal Analysis

- Evaluate and predict the natural frequencies of your system and the associated mode shapes



Fluid Flow Simulation**

- Complete real-time fluid dynamics tool
- Designed for engineers
- Flow volume geometry extraction, internal and external flow, interactive graphing, streamlines, particle flow

