



TOP ENHANCEMENTS CREO 7.0



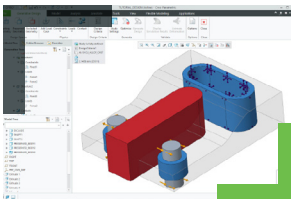
The future of how you design starts with Creo 7.0 and a simple product strategy: Make your job easier and help you get better products to market faster. As you expect from the market leader, each Creo release also brings productivity enhancements and UI improvements. And Creo 7.0 introduces exciting new capabilities in the areas of Generative Design, Simulation-Driven Design, Additive Manufacturing, and Multibody. One design environment and unmatched capabilities bring you that much closer to your best work.

[REQUEST A DEMO >>](#)

GENERATIVE DESIGN

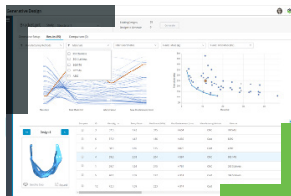
DELIVER YOUR BEST DESIGNS IN LESS TIME WITH CREO GENERATIVE DESIGN.

>>> Generative Topology Optimization (GTO) >



Don't settle. GTO creates optimized product designs based on your constraints and requirements—including material and manufacturing processes. Rapidly explore innovative design options to reduce development time and expense, all within the Creo design environment. GTO helps you to deliver high-quality, lower-cost, manufacturable designs.

>>> Creo Generative Design Extension (GDX)** >

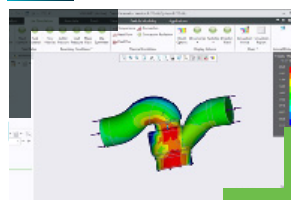


Leverage the power of AI and the cloud to run multiple optimization studies in parallel, dramatically improving your productivity. GDX automatically identifies the top options, including those you may not have considered. The benefit? You can quickly evaluate and compare more design concepts, increasing your confidence in the final chosen design, before bringing it back to Creo for further downstream use.

SIMULATION-DRIVEN DESIGN

Add the power of simulation, in tools for design engineers, to your workflow. Simulation gives you the ability to analyze and validate the performance of your 3D virtual prototypes before you produce the first part. Creo Simulation Live, powered by Ansys guides you in real-time as you design, while Creo Ansys Simulation is a high-fidelity tool that provides final validation.

>>> Creo Simulation Live >



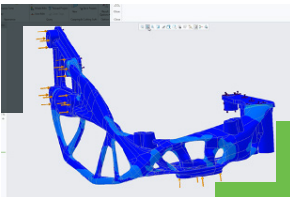
Creo Simulation Live, powered by Ansys now gives you real-time, instantaneous *fluid flow simulation as well as parameter studies, plotting/graphing, transient thermal studies, and the ability to isolate components.

No windows or waiting. The software runs in parallel giving you instantaneous dynamic feedback in your Creo modeling environment.

That's not just convenience and speed, that's design guidance as a normal part of your workflow.

*Fluid Flow Simulation is only available in Creo Simulation Live Plus

Creo Ansys Simulation** >

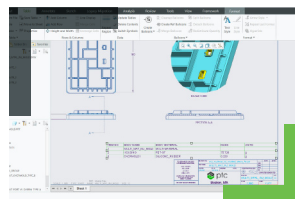
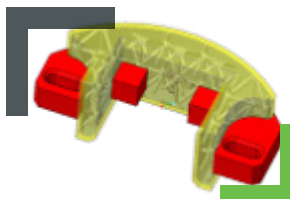


Move from receiving directional guidance to a richer set of capabilities that produce a higher-fidelity validation of your design. With Creo Ansys Simulation, you now have access to the proven Ansys solvers directly inside Creo, allowing you to perform structural, modal, and thermal analysis with ease.



MULTIBODY DESIGN

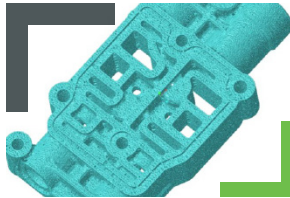
Multibody Design >



Multibody design significantly improves design effectiveness for users when building complex geometry. Freely and efficiently work with disjointed, touching, or overlapping geometry within a single part. As well as significantly improving overall design efficiency, it is also critical in areas such as generative design, additive manufacturing, and designing multi-material overmolds for injection molded parts.

ADDITIVE MANUFACTURING/CAM

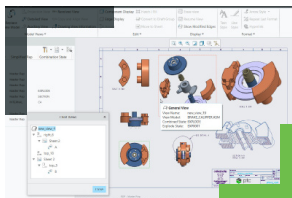
Additive Manufacturing/CAM >



Creo offers the most comprehensive suite of additive manufacturing capabilities in the market today. Creo 7.0 continues the innovation by enhancing support for Stochastic lattices, enabling them to identify and follow the edges of prismatic shapes. From a traditional machining point of view, we've enabled support for Swiss turning machines.

PRODUCTIVITY ENHANCEMENTS

Creo continues to make you more productive and your daily work easier. >



- Apply draft to already drafted parts.
- Inside Sketcher, selected 2D entities can be mirrored about any linear sketch entity without requiring centerline creation.
- Multiple UI improvements to the Sketcher tool
- Improvements to drawing tree
- Continued expansion of Detailing and MBD standards compliance



Creo is the 3D CAD solution that helps you accelerate product innovation so you can build better products faster. Easy-to-learn Creo seamlessly takes you from the earliest phases of product design to manufacturing and beyond. You can combine powerful, proven functionality with new technologies such as generative design, augmented reality, real-time simulation, additive manufacturing and the IoT, to iterate faster, reduce costs and improve product quality. The world of product development moves quickly, and only Creo delivers the transformative tools you need to build competitive advantage and gain market share.

**Available in Creo 7.0.2.0

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