

>>> GET UP TO SPEED WITH CREO 5 THROUGH CREO 9

Deliver your best designs in less time. Upgrade to the latest release for core modeling enhancements, productivity improvements, and the breakthrough capabilities you expect from the software you trust. Every year PTC makes it easier and faster to do your job. Think about what's possible, and **GET UP TO SPEED.**



>>> THE CREO ADVANTAGE:

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 IIoT, 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 a competitive advantage and gain market share.

CREO 9.0 BRINGS YOU...



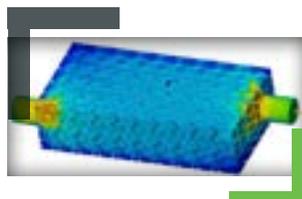
Useability and Productivity Enhancements. Model tree management has never been easier, and a divided surfaces function simplifies analysis and expands MBD capabilities. Sketcher, multibody, and ECAD are better than ever. Simple and powerful Freestyle brushes allow unrivaled sculpting of organic geometric shapes.



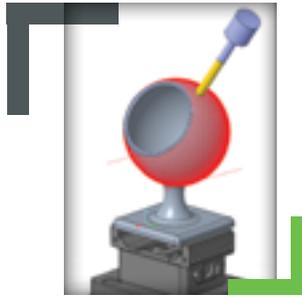
Easier Model-based Definition (MBD) and Detailing. You'll find intuitive workflows for the creation, placement and editing of surface finish symbols, along with semantic surface finish annotations that are compliant with the latest ASME and ISO standards. Detailing is also easier thanks to new drawing hatch patterns.



Enhanced Ergonomics Design. People who use your products don't come in one shape or size. Now you can create custom manikins, save them in your library, and manipulate them as you wish. The innovative Visual field features shows the impact of design choices on users' field of view.



Expansion of Simulation and Generative Capabilities. With Creo Simulation Live, you can now do simultaneous structural and thermal analyses, and include gyroid and lattice features in fluid studies. Using generative design, you can design products to a specified safety factor as well as perform modal optimizations.



Broader Subtractive and Additive Manufacturing Capabilities.

Improve machined surface finish with geodesic 5-axis finishing toolpaths. You also can now create open quilt skin lattices with additive manufacturing.



CREO 8.0 BRINGS YOU...



Usability and Productivity Enhancements. Take advantage of improved tools to document and visualize model structure as well as inseparable assemblies. There are also expanded capabilities for hole creation.



Easier Model-based Definition (MBD) and Detailing.

A modernized symbol interface streamlines model-based definition workflows. GD&T advisor gives you enhanced support for assemblies.



Expansion of optimization and simulation. With Creo Generative Design, you can enjoy easier optimization setup with automatic envelope, as well as expanded support for casting designs. Creo Simulation Live now includes steady state fluid support.*

*Please note: Ansys-powered products are not eligible for Remix or Restack.



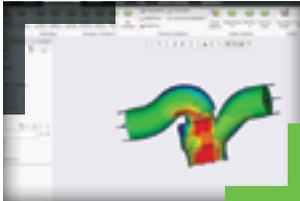
Broader Additive and Subtractive Manufacturing Capabilities.

Use simulation-driven lattices to eliminate the manual process of adding variability to lattices. For subtractive manufacturing, Creo now supports 5-axis high speed milling.

CREO 7.0 BRINGS YOU...



Generative Design. Give your design process the power of artificial intelligence. Now you can create optimized product designs based on your constraints and requirements - including materials and manufacturing processes - all within the Creo design environment.



More powerful tools for simulation-driven design. Creo Simulation Live, now with real-time fluid flow simulation, as well as parameter studies, plotting/graphing, and transient thermal studies.



Creo ANSYS Simulation. A complete real-time structural, thermal, and modal analysis software solution—which supports the design of experiments and multi-physics solutions.

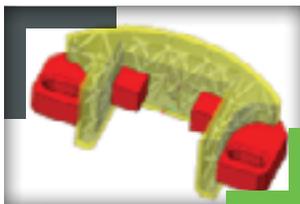


Formula-Driven



Stochastic

Broader Additive Manufacturing capabilities



Multibody Design. This key productivity enhancement allows you to work freely and efficiently with disjointed, touching, and overlapping geometry.

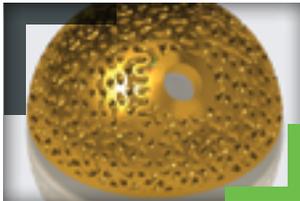
CREO 6.0 BRINGS YOU...



Creo Simulation Live (CSL), powered by ANSYS. Now you can get real-time guidance on design decisions as you make them. CSL runs quietly in the background. No separate windows, no set-up, no hassle. Just instantaneous dynamic feedback in the Creo modeling environment.



More cloud-based Augmented Reality. Easily publish and manage up to ten designs, controlling who has access to each experience and removing old ones at will.



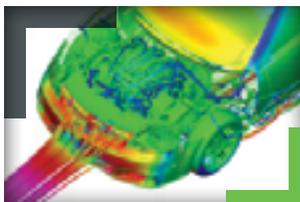
New additive manufacturing capabilities. Build formula-driven lattices, such as gyroids, stochastic foam, or conformal lattices; analyze and optimize build orientation; and make use of an improved results window.



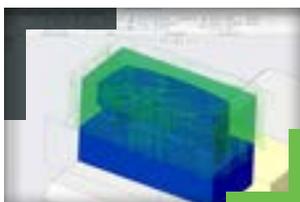
CREO 5.0 BRINGS YOU...



Topology Optimization. Automatically create optimized forms/shapes based on input conditions and defined criteria. Create solid geometry using topology optimization without leaving Creo.



Creo Flow Analysis. Make computational fluid dynamics a part of your design process. Made especially for design engineers, you can analyze liquid and gas flow early and often.



Creo Mold Machining. Generate optimized high-speed machining tool paths specific for one-off and low-volume production runs.

CREO 5.0 BRINGS YOU...



Creo Additive Manufacturing Plus for Materialise. Whether you're printing with polymers or metal, Creo supports Stratasys and 3D Systems plastic printers as well as the library of Materialise printers.



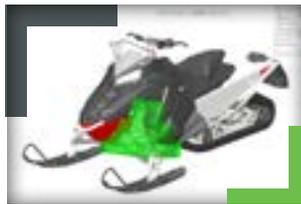
CREO 4.0 BRINGS YOU...



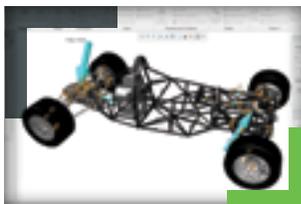
Additive manufacturing. Say goodbye to a disconnected process and go from concept to print all in Creo.



Model-based definition. Creo GD&T Advisor is the final step of an MBD strategy. This will guide and educate you on the correct application of the relevant, updated standard, ensuring you hand off a fully documented and constrained model.



Cloud-based augmented reality. Publish an augmented reality experience directly from Creo.



Smart connected product design. Use Creo Product Insight to connect real world sensors to digital sensors in your CAD model, enabling you to understand product usage in the field.

Please visit the [PTC support page](#) for the most up-to-date platform support and system requirements.

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