

Unlock the Full Potential Across your Company

Creo, PTC's suite of design software, delivers apps and extensions that improve efficiency and productivity throughout your company. Share design ideas easier and faster, accelerate concept design, handle late-stage design changes without the headaches, and unlock your company's potential beyond Creo Parametric with just a few of these new apps and extensions.

SIMPLIFIED 2D TO 3D CREATION

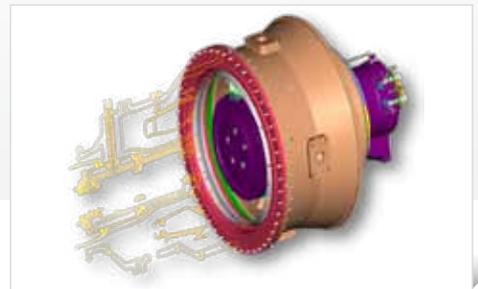
1. Capture ideas as digital sketches

Sketch ideas, and then add color or other special effects with our freehand Creo Sketch stand-alone app. Anyone from supplier to customer to marketing and sales rep can digitally sketch an idea and share it. Directly open a sketch onto a plane and display it along with other 2D and 3D geometry. You can even move, rotate, and scale the concept sketch. When ready, transfer sketches directly to Creo Parametric to turn them into professional 3D models.



2. Go 3D with 2D models fast

Jump-start your 3D designs with the 2D conceptual engineering capabilities in Creo Layout. This new stand-alone app quickly creates detailed 2D conceptual engineering models. You can transition to 3D design by reusing Creo Layout data in your 3D assembly design in Creo Parametric.



UNPRECEDENTED FLEXIBILITY

3. Accommodate late-stage design changes

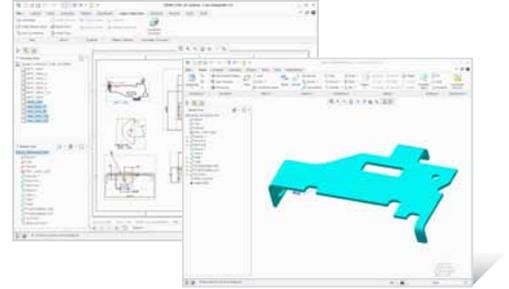
Change designs at any design stage using the Creo Flexible Modeling Extension. Easily select and edit a range of geometry types, including rounds and patterns. Dramatic edits and moves are recorded as features that you can update to maintain full design intent. You can edit imported data faster, provide for late design changes, and streamline de-featuring of design for downstream analysis.



IMPROVED LEGACY DATA REUSE

4. Associate legacy 2D drawings to 3D models

Import CAD data from other systems by associating legacy 2D drawings to 3D models with the Creo Legacy Migration Extension for Creo Parametric. There's no need to recreate 2D drawings anymore. You can even create 3D annotations directly from existing 2D drawings.



EXPANDED TEAM PARTICIPATION

5. Encourage non-CAD experts to use 3D

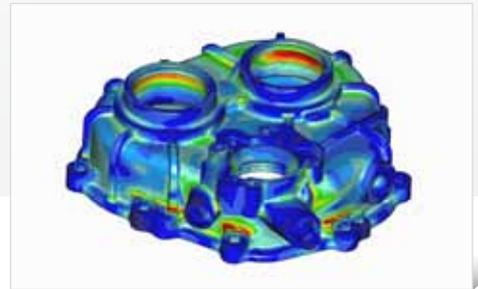
Involve more people in your organization in idea generation, proposals, and any other activity that can be communicated better with a 3D model. Creo Direct is a stand-alone 3D CAD app just right for a broad range of users across any enterprise. It's especially well-suited for casual users or those transitioning from 2D to 3D CAD. They'll find it quick and simple to create, manipulate, and edit 3D geometry. By the way, Creo Direct also retains design intent as you move 3D models between Creo Direct and Creo Parametric apps.



SIMULATED 3D PROTOTYPES

6. Verify and validate designs earlier and more often

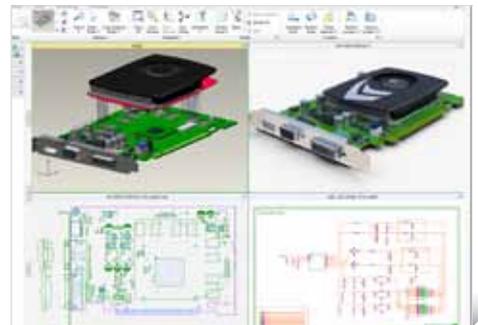
Start 3D virtual prototyping early with Creo Simulate. Teams can test a range of structural and thermal properties of designs at any time. The result: engineering gains early product insight, improves verification and validation processes, and delivers higher quality products at a lower cost.



BETTER DESIGN REVIEW AND FEEDBACK

7. Review, cross-probe, and mark up ECAD and MCAD together

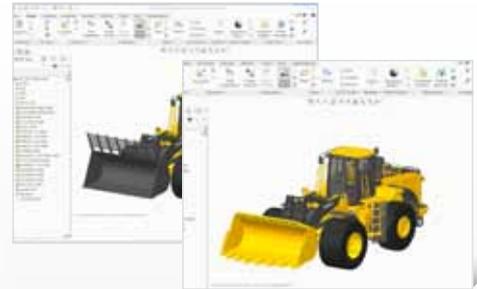
Quickly see product designs and gain valuable engineering design insight with the entire extended team using Creo View MCAD. Lightning-fast and ultra-scalable with an intuitive, task-based interface, Creo View MCAD supports both Creo and all major MCAD 3D data, including drawings, images, and documents from a multitude of sources. Best of all, "viewing" doesn't require you to have the native authoring application. Look for unique functions, such as cross probing between CAD/ECAD abstractions, for all Creo View MCAD and Creo View ECAD users.



STREAMLINED 3D PRODUCT CONFIGURATIONS

8. Create, manage, and validate 3D product configurations

Avoid the error-prone work of manually creating a 3D product configuration from an overloaded parts structure. With Creo Options Modeler, you can directly create and validate a defined 3D product configuration. Leverage the intelligence held in Windchill regarding options, variants, and related business logic together with the 3D model data to create a true and precise 3D representation of any product configuration.



ACCELERATED DELIVERY OF TECHNICAL INFORMATION

9. Deliver configuration-specific graphical content for technical documents

Use 3D illustrations to add more detail to technical information. The standalone Creo Illustrate communicates complex products and procedures clearly and graphically to users of service and technical information. Technical illustrators, authors, and service planners can use engineering data from Creo and other 3D formats in service procedures, training materials, illustrated parts catalogs, and all forms of technical communications.



Upgrade to Creo 2.0 today and start unlocking your potential.

For more information, visit www.ptc.com/product/creo or contact a PTC sales representative.

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