

TOP 10 REASONS

T O B U Y

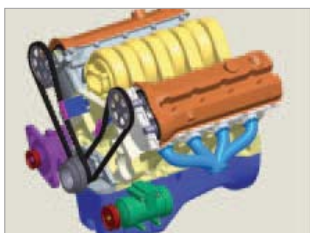
Pro/ENGINEER * Wildfire * 4.0

Optimize Global Design



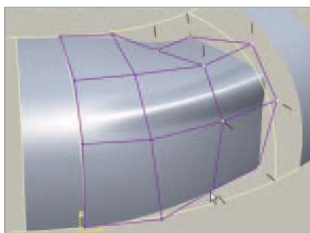
1. Faster Design

Accelerate your design process with Auto Round.™ Streamline repetitive tasks and reduce the time to create round features on your model. Pro/ENGINEER analyzes the selected edges and then creates an optimal sequence of round features. For a rounding exercise that would take an intermediate user 90 minutes or an expert user 20 minutes to accomplish, Auto Round can complete the entire task in 40 seconds!



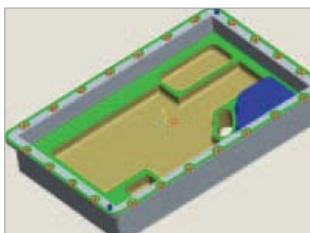
2. Smarter Large Assembly Management

Leverage Automatic Memory Management for fast, on-demand retrieval of the large assemblies and automated selection of required levels of detail for assembly models. You will see up to 40% less memory consumption! The usability of simplified representation preview is also improved with a new Reference Viewer, clearer indication of active components, and the part / assembly replacement of any component.



3. Faster Surface Editing

You can now edit surfaces faster and easier by simply picking points on the surface and manipulating the contour and geometry with a drag of the mouse. The surface control point editing allows multi-resolution editing (lightweight editing on dense surfaces), surface smoothing and variable connection transitions, and preservation of surface edits after subsequent boundary edits.



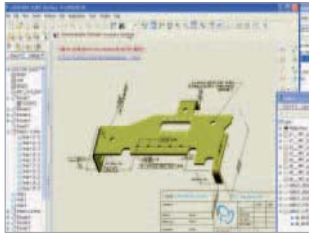
4. New and Improved Imported Data Utility

Increase reuse of legacy or other CAD data with updated PDF and multiple CAD version updates, including the new Pro/ENGINEER Interface for JT. The Import DataDoctor™ (IDD) enables faster repair of imported geometry and provides visual feedback of the repair process. With the new Feature Recognition Toolkit you can automatically convert imported geometries into parametric features such as holes, protrusions, rounds, chamfers and patterns.



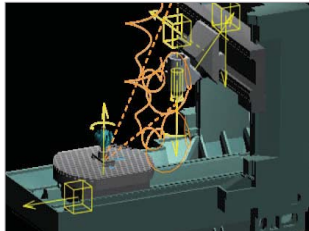
5. Stunning Visualization

Give "life" to part and assembly models using advanced rendering capabilities to showcase models with spectacular photo-like quality. The improvements in image-based lighting (HDRI-supported), sky lighting, reflections, room snapping, regional rendering, and dynamic texture placement let you highlight the essence of the model in a variety of visual environments.



6. Smarter 3D Drawings

Increase design information reuse and deliver production ready drawings with the automated display of dimensions in 3D drawings. Organizing the drawing content is also made easier through layer status control in the View Manager, editorial control of multiple annotation types, and tabulation of restricted parameters. You can also publish and access saved 3D drawing views in ProductView™.



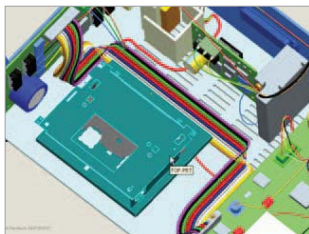
7. More CAM Power

Enhancements in NC and tooling design simplify and automate the transformation of engineering designs into manufacturing processes. An easy to use, powerful process manager tool for toolpath definition optimizes toolpath creation and tool selection for maximum product quality and fabrication speed. Annotation features and other new capabilities help you get from art-to-part faster and easier.



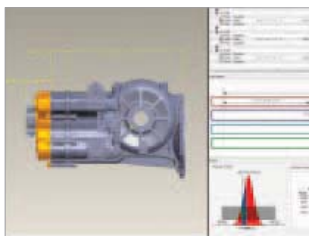
8. Better CAD Data Protection

The Pro/ENGINEER Rights Management Extension can help you protect your valuable intellectual property with market leading digital rights management capabilities. Powered by Adobe® LiveCycle® Rights Management ES, Pro/ENGINEER gives you persistent and dynamic access control of your CAD data, even after it has been removed from a secure vault and distributed to others. Share your design information with confidence and improve your design and manufacturing outsourcing processes.



9. Faster Electromechanical Design and Collaboration

Ribbon cables can now be automatically created with a few clicks of the mouse. You can also reduce the common errors between electrical designers and mechanical designers when making design changes. The new Pro/ENGINEER ECAD-MCAD Collaboration Extension provides the industry's most advanced collaboration capabilities. You can easily see incremental changes to ECAD and MCAD designs, as well as propose, accept, and reject changes.



10. Faster Model Analysis

The new Pro/ENGINEER Tolerance Analysis Extension powered by CETOL™ Technology lets you easily analyze geometric variations and tolerance stack-ups-directly in your design environment. Pro/ENGINEER Mechanica makes sophisticated simulation easily accessible to design engineers. Analyze results faster with improved reports and easy results-compare capabilities. Pro/ENGINEER Advanced Mechanica also includes new support for friction-added assemblies and nonlinear, hyper-elastic materials.



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