

ProductCenter™ Pro/Engineer Integrator

Collaborative Product Data Management on the Pro/Engineer® Desktop

The **ProductCenter™ Pro/Engineer Integrator** is your conduit to ProductCenter collaborative product data management (PDM) on your Pro/Engineer® desktop. ProductCenter provides a fully integrated design environment of all your CAD resources and associated product data, along with flexible change and configuration management, workflow to automate product processes and reviews, and comprehensive bills of material (BOM) management. ProductCenter hones your competitive edge, streamlining product data and processes to deliver significant improvements in development cycle times, cost and quality.

ProductCenter Integrators are fine-tuned to take advantage of your CAD application's unique features, including support for release management of Pro/Engineer *Family Tables*, *ModelCheck* to enforce design validation before check-in, and *Simplified Representations* for maximized performance with larger models. It also enables you to conveniently populate BOMs directly from your CAD models and assemblies, providing earlier exposure to your product definitions for better planning and coordination.

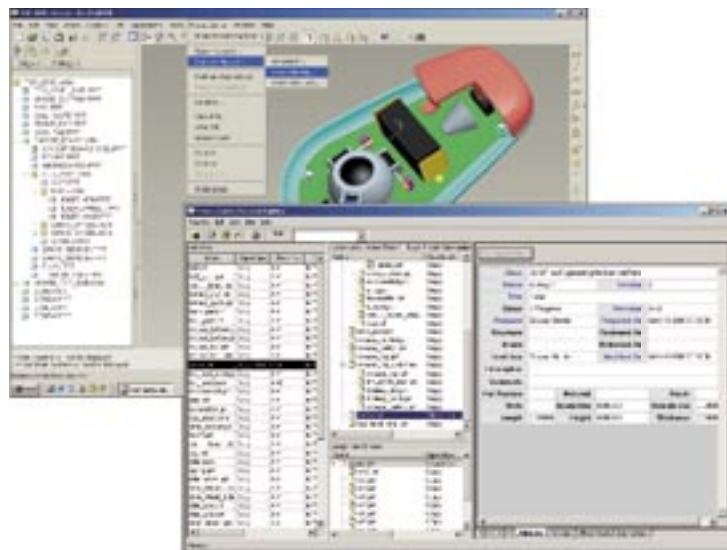
HIGHLIGHTS...

- **Store, retrieve, and control Pro/Engineer drawings, assemblies, parts, and other product data**
- **Manage version/revision changes**
- **Automate business processes such as ECO/ECN approvals**
- **Synchronize CAD designs and engineering BOMs**
- **Facilitate enterprise-wide collaboration**
- **Adhere to regulatory requirements such as ISO, Six Sigma, and FDA**

Engineering-Centric Collaboration Enables Optimum Innovation, Accuracy and Speed

Product Development Collaboration

ProductCenter provides a common collaborative platform across your extended product teams of employees, suppliers, and customers, encouraging earlier communication and collaboration.



ProductCenter's unique Hierarchy Explorer provides for quick, easy management of Pro/Engineer designs and other related product documents directly from within Pro/Engineer.

Comprehensive Change Management

From within Pro/Engineer, ProductCenter manages and updates the versions, revisions, and releases of every file in the assembly, preventing changes by other users until the item is fully released.

Linking Data for More Cost Effective Reuse

ProductCenter allows association and synchronization of other items to your Pro/Engineer CAD files for more comprehensive product definitions and greater reuse of all your product data — not just your CAD files.

Implementing with Ease / Low Cost of Ownership

ProductCenter lends itself to rapid deployment, with many companies successfully implementing in just weeks. Cost of ownership is low, with 1,000+ user implementations often managed with just a single administrator.

Flexibility and Scalability to Grow

ProductCenter's flexibility and scalability lets you start small to solve a specific problem or quickly expand your implementation to support a global organization of distributed facilities, customers and supply chain partners.

Tight Knit Integrations in a Multi-CAD Environment

As a PTC Enterprise Software Partner, ProductCenter provides the highest level of integration with Pro/Engineer. A common integrator framework

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IMPROVE THE MANAGEMENT OF DATA THAT DRIVES YOUR PRODUCT SUCCESS...

lends consistency between all ProductCenter integrations with the industry's most popular CAD applications for ease of use and interoperability with all your design tools.

Intuitive Hierarchy Explorer Interface

With seamless access from within Pro/Engineer, ProductCenter's Hierarchy Explorer provides a central control for storage and retrieval of product data where users can conveniently check in and out data and drill down on the hierarchy to explore other details.

Accelerated Design Reviews

Quickly submit a completed design for review with a few mouse clicks or keystrokes. Easily attach supporting documentation to Pro/Engineer design files for more complete, detailed review packages and faster approvals.

Automated Business Processes with Workflow

ProductCenter™ Workflow automates business processes such as design reviews, notifying users of assignments in their desktop *Worklist* or *Claimable* file areas. For many companies, ECO automation alone with ProductCenter Workflow has reduced product lifecycles by 60% or more for considerable cost and time-to-market advantage.

Advanced Search Capability

Quickly find what you need with ProductCenter's *Search* dialog. Query for specific items or workflow activities or instances for an instant assessment of ongoing projects or to assess the impact of a change.

Enterprise Data Exchange

Support for HTML, XML and XSL industry standards allows data exchange and communication between ProductCenter and your other critical enterprise applications, such as ERP, MRP, and SCM systems.

Synchronize CAD Designs and Engineering BOMs

With convenient *BOM Export/Import* capability, ProductCenter allows attributes and other mapped data items to be directly extracted from your CAD assembly hierarchy (or any application supporting XML) to automatically populate engineering BOMs for management by the *ProductCenter™ BOM Editor*. This not only simplifies BOM creation but also importantly provides earlier exposure to your product definition for better planning and coordination by all those involved with your product processes.

Automated Viewable Generation

ProductCenter™ GenView automates conversion of almost any document into viewable file formats such as Adobe® PDF (Portable Document Format), on demand or automatically at a prescribed time such as product release. The PDF can then be viewed and marked up by any employee on any system, without need of more costly authoring tools or viewer/

“We needed a new product data management solution that would plug-and-play with our design tool of choice, Pro/Engineer. We chose Workgroup Technology's PDM solution, ProductCenter, for its ability to manage the more complex Pro/E model hierarchy.”

■ Gregg Wilder,
Kollsman Manager of Design Engineering

mark-up applications. Plus, with the viewable file linked and maintained under ProductCenter control, you'll know the viewable you access will always be current.

Speedy Data Migration Maximizes Legacy Data Value

ProductCenter™ BatchLoader speeds migration of vast loads of legacy data into ProductCenter, maximizing use of this valuable data to jump-start PDM deployment productivity and return on investment.

Simplified, Flexible Reporting

ProductCenter's *Report Module* provides users with access to product information through the creation and usage of *Item Reports* for item version/revision history; *Product Hierarchy Reports* to clarify the full product structure and all related items; *Workflow Reports* for the status of all ECOs in the system, or for an audit trail review of the history of a workflow, typically to address bottleneck situations; and *BOM Reports* for generation of a single or multi-level expansion of the BOM or other analysis, such as a cost/quantity rollup report to determine product costing.

Security and Regulatory Compliance

Design integrity is enforced through comprehensive release management, user permissions, passwords, and a full audit trail of all changes for ISO, Six Sigma, and FDA compliancy.

ProductCenter™ SPECIFICATIONS

Version: 8	Web Client: Netscape®, Microsoft® Internet Explorer.
Client: Microsoft® Windows® 2000/NT/XP, Sun Solaris™, HP-UX	Web Server: iPlanet™ Web Server, Microsoft® Internet Information Server, Apache™ Web Server
Server: Microsoft® Windows® 2000/NT, Sun Solaris™, HP-UX	Database: Oracle®



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