



# ProductCenter™

AT THE CENTER OF YOUR ENGINEERING SUCCESS

While your competition rides out the economic slowdown, it's the ideal time to pick up product development speed. Product development data access and control are critical areas in many companies that could benefit with further automation and streamlining.

But, if your company is like many, it's not the time to invest in a custom, lengthy, and costly PDM implementation. Your business and today's economic climate demands a cost effective collaborative PDM solution that delivers immediate value and results *today*.

The **ProductCenter™** collaborative product data management (PDM) solution provides the critical features and capabilities to help world-class discrete manufacturers succeed in accelerating their product development efforts – with distinguishing pride through:

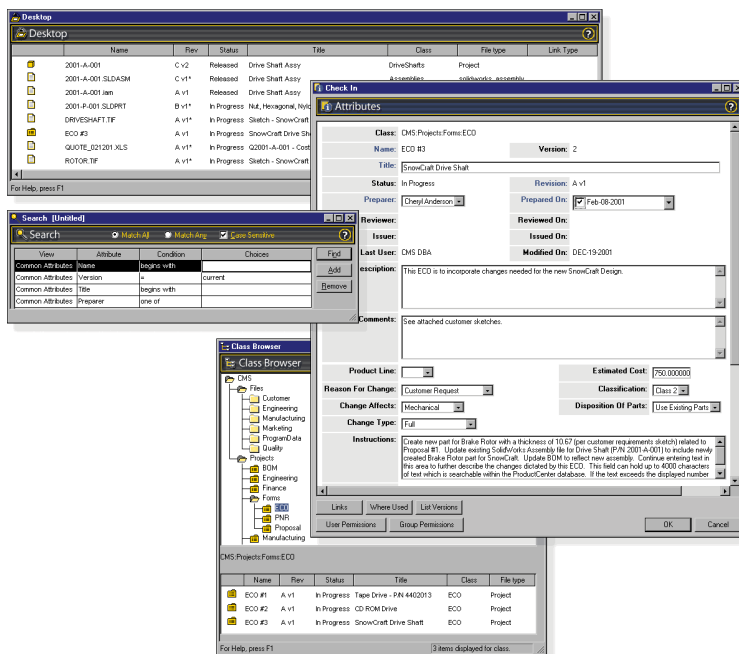
- **Customer proven implementations**
- **In-depth, advanced capabilities**
- **Fast return on investment**
- **Quick and easy installation**
- **Adaptability and scalability**

## The Collaborative Enterprise

Via the Web, native clients, or in any combination, ProductCenter works reliably throughout your extended enterprise to facilitate process improvements and to accelerate time-to-market. With ProductCenter's centralized knowledge of your critical product processes and data, and streamlined product team collaboration, business decisions are driven by accurate and timely information.

ProductCenter delivers the five in-depth, engineering-centric elements of collaborative PDM, enabling product data exchange throughout the product lifecycle:

- **Document Management**
- **Design Integration**
- **Configuration Control**
- **Change Management**
- **Enterprise Integration**



ProductCenter™ collaborative PDM solutions streamline product lifecycle information access and processes.

## Document Management

ProductCenter facilitates secure access and sharing of information across design and supply chains, leveraging this valuable collective product knowledge through collaboration. With files stored in a *secure, distributed vault*, product information is just a few mouse clicks away – regardless of the application used to create it. Revision control and file-based security allows in-progress changes to be made, with authorized versions available for viewing by others. Data can be viewed in native file mode or converted using *ProductCenter™ GenView™* into universal viewing formats, such as PDF, for wider dissemination without the need for proprietary viewing tools. For additional ease, loading of your legacy data into the system can also be automated with *ProductCenter™ BatchLoader*.

## Design Integration

ProductCenter's engineering-centric focus provides more direct, feature and performance-rich integrations to product development support applications, including Pro/ENGINEER®, SolidWorks®, Autodesk's AutoCAD®, Mechanical

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# Improving the Management of Data that Drives Your Product Success

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Desktop™, and Inventor™ applications, as well as Microsoft® Office, and Adobe's Acrobat™ and FrameMaker® products. Capabilities for integrating with other popular and legacy CAD/CAM/CAE applications also exist.

ProductCenter Integrators incorporate comprehensive collaborative PDM capabilities directly within the application, letting users check in/out files, launch reviews, and monitor status from their desktop. With this, PDM becomes a seamless part of their design environment, with information accessible, controlled, and broadly exploited.

ProductCenter excels at managing the complex file relationships created by sophisticated solid modeling CAD applications, extracting CAD model properties as attributes, and liberating this critical data for use by users across the enterprise. Multiple file baselines allow safe access to released versions, while engineers work on 'in progress' or 'in approval' versions of a file.

## Configuration Control

ProductCenter provides comprehensive file structure and version/release capabilities to safeguard, control, and untangle the complexity of today's products. Representing the product as an engineering bill of material (BOM), configurable into multiple, user-defined baselines (i.e., Released, In Approval or In Progress), the *ProductCenter™ BOM Editor* provides simple mechanisms for including associated product data - from CAD models to process plans - to create a comprehensive, fully integrated representation of your product. This "bill of information" surpasses the capabilities of other BOM editors, in that it not only manages BOM creation and changes, but also synchronizes and consolidates product data created across multiple organizational disciplines, fostering enterprise-wide collaboration.

## Change Management

ProductCenter change management provides the ability to build, release, and distribute product configurations. Easy-to-use change forms simplify data input and the creation of data packages, which can be routed automatically throughout your organization with *ProductCenter™ Workflow*. Processes are easy to set up and automate, with ready-to-use forms and graphically outlined processes, with multiple contingency options and process routes, time-to-completion, status, and required resources for timely project assessment. Users can initiate change notice review cycles, attach supporting documentation, and monitor current project

"□ ProductCenter PDM becomes a transparent part of the design process. Interoperability is supported among critical engineering support systems and users work in the applications that they know. We're now able to take greater advantage of 3D solid modeling and more easily share data with subcontractors, which trickles downstream to improvements in product innovation and quality."

— Bobby Henry, CAE Support Group Leader,  
FlightSafety International

status. Their time is spent more productively, with ProductCenter facilitating the processes. Plus, with process standardization, you'll have the audit trail and confidence that your manufacturing operations are building to the latest product release – critical for regulatory compliance with ISO and FDA regulations.

## Enterprise Integration

ProductCenter opens lines of communication, providing simpler ways for employees, customers, parts suppliers, and other team members to securely exchange product information. Using open standard XML, ProductCenter facilitates enterprise application integration, enabling real-time, continuous product data exchange between applications and convenient repurposing of product data for customized user information portals. ProductCenter's vault, linking, and attribute management capabilities also lay a firm foundation for the exchange of application-independent bills of materials with downstream MRP/ERP applications, or other enterprise or legacy systems. For further customization, ProductCenter's *C/C++*, *Perl*, and *WebLink™ Toolkits* provide popular programmatic access to ProductCenter, allowing the creation of other integrations and customized applications.

ProductCenter™ SPECIFICATIONS	
<b>Version:</b> 8.2	<b>Web Client:</b> Netscape, Microsoft® Internet Explorer.
<b>Client:</b> Microsoft® Windows® 2000/NT/XP, Sun Solaris, HP-UX	<b>Web Server:</b> iPlanet™ Web Server, Microsoft® Internet Information Server, Apache Web Server
<b>Server:</b> Microsoft® Windows® 2000/NT, Sun Solaris, HP-UX	



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