

A WTC PRODUCTCENTER™ INTEGRATOR

SolidWorks®

File Management and Enterprise-wide Product Data Management for SolidWorks Users



WTC ProductCenter™ SolidWorks® Integrator allows you to work with and share design information from within SolidWorks®, improving the accuracy of product development and speeding the overall process. With ProductCenter's SolidWorks Integrator, you easily control the flow of information throughout your extended enterprise, ensuring design integrity and eliminating costly rework.

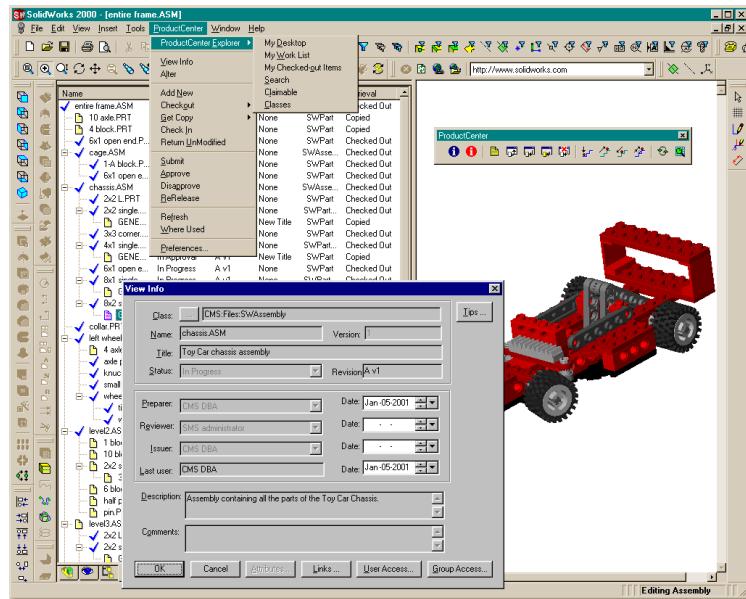
Managed effectively, the information related to your SolidWorks files is an invaluable corporate resource. Your business revolves around not just the designs but also their associated data – making changes, controlling those changes, and communicating the information to everyone involved. WTC ProductCenter SolidWorks Integrator consolidates critical product data and automates these processes to maximize design reuse, speed time-to-market, and enhance customer responsiveness.

Direct Integration

The SolidWorks Integrator gives the SolidWorks user direct access to ProductCenter's functionality through the *ProductCenter* tab within the SolidWorks *Feature Manager* tree. Users can interact with the PDM view of the product definition while working within the SolidWorks design/modeling environment. The SolidWorks Integrator is certified as a SolidWorks Gold product by SolidWorks Corporation assuring tight-knit compatibility and dependability.

A menu and a toolbar in SolidWorks also afford seamless interaction with ProductCenter's file management, version/revision management, BOM management, release management, and workflow management capabilities – improving overall productivity and saving critical product development time.

In a single well-integrated environment, users can create, control, annotate, modify, and view SolidWorks documents with its complex document



WTC ProductCenter™ SolidWorks® Integrator.

dependencies fully supported. With the SolidWorks Integrator, design teams can collaborate on product development activities, while your designs are securely protected from unauthorized access.

Team members can share SolidWorks parts, assemblies, and drawing documents, and link to information generated by other applications. The integration supports the management of SolidWorks configurations, as well as supporting derived, base, mirrored, and joined parts. SolidWorks Integrator supports suppressed parts and features when loading parts or assemblies. It can also automatically extract SolidWorks document properties to populate ProductCenter attributes to save time and assure consistent data accuracy.

In-Process Design

WTC ProductCenter SolidWorks Integrator is a proven data management solution for managing in-process design activity directly from within the SolidWorks environment. It automatically moves product designs to and from a secure vault, accessible only to authorized users.

Communications move faster and more smoothly between team members during the engineering process, notably in the ease of delivery of

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engineering Bills of Materials (BOM) data to purchasing and manufacturing. Running SolidWorks with ProductCenter behind it also provides input for analysis, rapid prototyping and manufacturing.

Design Release

During the product release phase, a user can now define a specific product configuration baseline and protect it from further revisions. Design integrity is enforced through release management stages and user permissions, providing an audit trail of the product's evolution.

Engineered to prevent file management problems before they occur, WTC's ProductCenter SolidWorks Integrator automatically maintains product configuration relationships. Now everyone in your organization can have controlled access to SolidWorks data while maintaining excellent configuration control.

Collaborative PDM

SolidWorks Integrator is another component of ProductCenter's practical, results-driven approach to product data management. WTC ProductCenter is a collaborative PDM solution that provides the ability you need to share, track, and modify today's increasingly complex products and product data throughout your extended enterprise. Designers, reviewers, the supply chain and even customers can now get access to the information they need to keep your development process moving and on target.

Flexible, Customizable User Access and Integrations. WTC ProductCenter provides various types of client access, in the form of industry-leading client platforms, including a Web client, application-specific integrations, and toolkits for building Web-based, C/C++, or Perl-based solutions.

For environments with multiple CAD applications, WTC's integrations with SolidWorks®, Pro/ENGINEER®, and other tools make ProductCenter an effective solution for managing all product information from a range of sources.

Business Process Workflow. ProductCenter's

workflow and release management capabilities automate and speed business processes, from review cycles to configuration to change and release management. Optional modules extend its power even further:

WTC ProductCenter™ Workflow provides flexible process management that lets administrators model the flow of their product data. Workflow functions route requests along with any information needed for the work. Team members anywhere can access and review the design.

- The graphical *Workflow Editor* simplifies and automates task order and assignments
- Users visually track the progress of work items with the *Workflow Viewer*

WTC ProductCenter™ GenView creates viewable images of proprietary third-party files, so users don't need the original application in order to see it.

Bill of Materials Management. The Web-based *WTC ProductCenter™ BOM Editor* is a comprehensive, easily customized solution for managing engineering BOMs. It provides for the definition and editing of primary, alternate, and reference parts, and the editing of attributes. In addition, the ProductCenter BOM Editor has the capability for viewing fully exploded, multi-level BOMs, and performing comparisons.

By using ProductCenter's BOM Editor and Workflow components together, companies have a single solution for effectively streamlining engineering change processes and managing released product configurations.

Controlled Access, Secure Information. Secure information is quickly accessible to those who need it with ProductCenter's distributed electronic vault and administration system. Users share information throughout the enterprise, while the system administrator controls access for individual users or groups of users. The vault allows for rapid communication and collaboration, while maintaining a history for reference or regulators. The end result is secure information made easily accessible to those who need it—any time, anywhere.



Extended Enterprise Solutions for Optimizing Product Development

Workgroup Technology Corporation (WTC) is a proven provider of collaborative product data management (PDM) solutions for the extended enterprise.

Spanning industries that include telecommunications, automotive, medical products, aerospace and defense, thousands of users at Global 2000 companies benefit from WTC solutions.

For more information about WTC's products and services, call us toll free at **(800) 989-2099** or visit our Web site at www.workgroup.com

w t c ProductCenter™

S P E C I F I C A T I O N S

Client: Microsoft® Windows® 95/98/NT, Sun Solaris, HP-UX, SGI Irix, Netscape and Internet Explorer.

Server: Microsoft® Windows® NT, Sun Solaris, HP-UX, SGI Irix

Web Server: Netscape Enterprise Server, Microsoft® Internet Information Server, Apache Web Server

Database: Oracle 8

C O M P O N E N T S

WTC ProductCenter™ Core

WTC ProductCenter™ Workflow

WTC ProductCenter™ BOM Editor

WTC ProductCenter™ Integrators

WTC ProductCenter™ Toolkits