

ProductCenter™ AutoVue® Integrator

Product Collaboration and View/Markup/Visualization Solutions

Collaborative Design Reviews from Anywhere.

Organizations large and small are challenged to shorten time-to-market, streamline product processes, reduce costly iterative engineering change orders (ECOs), and eliminate rework. For many, achieving these objectives necessitates broadening sources of input and seeking better quality input earlier in the design process. It also demands the interaction of multi-disciplinary teams that run the gamut of technical and management skills — and who can be dispersed around the globe.

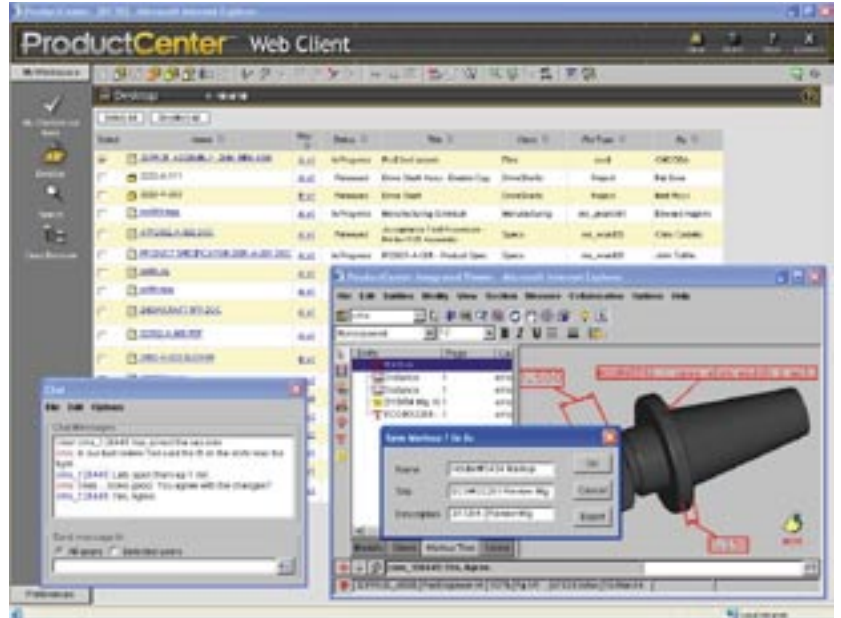
Some matters can be addressed through traditional e-mail, fax, or telephone conferences, but others are better dealt with through face-to-face interaction, which is not always a practical option, especially among companies with global operations and remote suppliers and customers. To address this need, SofTech has partnered with Cimmetry Systems to offer Cimmetry's AutoVue® enhanced collaboration and view/markup/visualization solutions fully integrated with SofTech's **ProductCenter™ PLM** (Product Lifecycle Management).

With ProductCenter and AutoVue®, there's no need to travel, book conference rooms, or express mail review packages, with meeting notes and input often lost and forgotten. Now, product team members can collaborate in real-time, Web-based design review sessions through the convenience of the Internet or their company Intranet.

Just as if in the same room, attendees can chat, brainstorm, assign action items, markup, redline, and even attach sticky-notes in their real-time interactive review of almost any type of design, drawing, or document — without need for training in the authoring application. And once the changes are agreed to, the document can be launched for final review and approval with a click of the mouse using ProductCenter™ Workflow — automating the review cycle and shaving weeks off approvals.

ProductCenter provides a fully integrated collaborative environment, with all markups saved and linked to the original document. You not only save time locating information but also capture important lessons learned to jumpstart new development and prevent repeat mistakes.

Low cost, easy access to current and past information proliferates and maximizes its use and reuse across your extended enterprise. While the improved collaboration that results, exercises the fullest potential of your product teams to optimize product design innovation, speed, and



ProductCenter AutoVue SolidModel Professional

accuracy for on-target product success.

AutoVue® and corresponding ProductCenter™ AutoVue® Integrators are available from SofTech as: **ProductCenter™ AutoVue® Professional**, for 2D CAD and Office documents, and **ProductCenter™ AutoVue® SolidModel Professional**, which adds support for popular 3D solid model applications such as Pro/Engineer®, SolidWorks®, and Inventor®, as well as EDA (PCB/IC layouts and schematics). Over 200 formats are supported without conversion.

HIGHLIGHTS . . .

- **Conduct on-line collaborative design reviews with multiple participants simultaneously as if in a face-to-face meeting**
- **Check designs in real-time, share information and ideas, solve problems, coordinate activities, and assign action items**

(Continued on back)

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

- **Launch final agreed-to markups with automated ProductCenter Workflow, shaving weeks off traditional ECO approval cycles**
- **Save a transcript at the end of the collaboration session, linked to the original document in ProductCenter for a complete record, audit trail, and regulatory compliance**

COLLABORATION ENABLES OPTIMUM INNOVATION, ACCURACY, AND SPEED

Full Integration with ProductCenter PLM

AutoVue® is fully integrated with ProductCenter and launched automatically when a document is retrieved. When a new markup is created, the markup and related information is stored and linked to the original document in ProductCenter. Where many individuals contribute, all the approved decisions can be consolidated into a single markup, which can then be submitted for final approval using ProductCenter™ Workflow. Subsequent users of the base file are notified within AutoVue® of existing markups and can choose to view them or create their own.

Flexible, Easy to Use Markup File Management

ProductCenter automates as much as possible for the user, but still allows flexibility and customization. It provides a consistent, easy-to-use application for arranging and participating in collaboration sessions and for capturing markups and meeting notes.

Document and Markup Security

Security is enforced through comprehensive release management, user permissions, passwords, and a full audit trail of all changes for ISO, Six Sigma, and FDA compliancy. For example, changes can't be made to an earlier markup, unless the user is the original author and appropriately authorized.

Multiple Markup Files, Multiple Layers

Users can create multiple markup files for any document, as well as multiple markup layers. They can load several markup files at once, and selectively set which markup file or layer is active.

Advanced Markup Capabilities

You can create, import, and export sticky notes attached to the drawing, with a full complement of text attributes, paragraph formatting, and clipboard functions. A comprehensive selection of line, shape, graphical

and textual markup entities, and OLE objects are supported to markup documents. Text searches are also supported.

Advanced 3D Visualization

AutoVue® SolidModel Professional provides indispensable 3D visualization features, including dynamic 3D manipulations, flip, bird's eye view, magnifying glass, cross-section, and a magnifying window for optimum flexibility. View the model as a whole or break it apart to manipulate individual components or move them to view hidden areas. Standard 3D views are also supported, including isometric and perspective views.

Rendering Models

Models can be rendered as a shaded, wireframe, silhouette, or displayed with hidden lines removed for complete flexibility.

Organize Symbol Markup Entities in Symbol Libraries

Users can browse, preview, and drag-and-drop symbols from libraries onto the active markup layer. All graphical formats supported by AutoVue® can be imported into existing or new symbol libraries.

Interactive On-Screen Smart Measurements

Measurements, including dimensioning arrows, can be transferred to the active markup layer with the click of a button. Also for lines, polylines and areas, the values are automatically recalculated as the entities are resized. You can perform precise measurements on all dimensions (angles, arcs, circles, surface area, distance, and cumulative distance), as well as calculate mass properties (center of gravity, moments of inertia, inertia tensor, and more).

Printing/Plotting

Easily print or plot to any supported device. Additional features include set print area (to drawing extent or a selected scale), print preview, print page ranges, add headers or footers, add watermarks or graphic stamps, and batch printing.

ProductCenter™

SPECIFICATIONS

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



SofTech INC.

CORPORATE HEADQUARTERS:

Two Highwood Drive Telephone: (978) 640-6222
 Tewksbury, MA 01876 E-mail: info@softech.com
 USA Web: www.softech.com

For More Information:

E-mail info@softech.com
 or visit www.softech.com