

OneSpace Collaboration

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Bringing about radical improvements in engineering design processes, OneSpace Collaboration

- Brings distributed team members together without travel,
- Eliminates iterative and ambiguous communication cycles, and
- Captures decisions.

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Today's products are designed and manufactured across multiple geographies using virtual project teams. Your teams need tools that provide rapid, unambiguous methods to collaborate around documents and 3D solid models. In the past this meant faxes, email, travel, ftp, and other iterative tools and processes.

With CoCreate's technology, everyone in the project team connects with each other using OneSpace Collaboration's simple web-based client. They can load, review, inspect, and even modify 3D solid models alone or together with other team members in a real-time meeting. Documents and drawings can be loaded and viewed at the same time too.

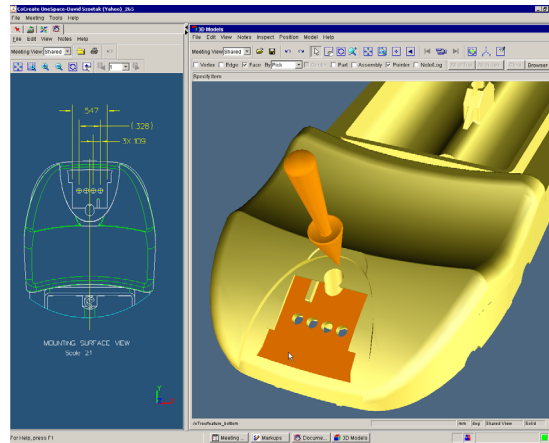
Key Features

3D View, Inspect, Modify

Any 3D solid model can be viewed by an individual user or brought into a real-time meeting. Industry standard adapters such as STEP and IGES or optional native adapters ensure accurate conversion of parametric 3D solid models to a neutral collaborative format that can be viewed, inspected and modified by anyone, even team members that are not familiar with CAD applications. Adapters include:

- CATIA™
- I-DEAS™
- SolidWorks™
- Pro/ENGINEER™
- Unigraphics™
- IDF for PCB data

Users can take advantage of the comprehensive 3D measurement and inspection features to capture relevant information, including interference detection.



Proposed design changes can be evaluated during a meeting by actually making 3D modifications right there. Even 3D VRML data from mold and stress analysis applications can be viewed.

View Documents and Drawings

A wide variety of supporting document and drawing formats can be viewed in a real-time meeting to help users make informed decisions.

Markup

Any 3D solid model, document or drawing can be marked up for future reference. Markup can be used to capture issues and ideas. The integrated screen capture utility allows users to take screen shots of any application on their desktop and load them into the markup pad.

Security, Connectivity and Control

OneSpace Collaboration can connect users together even when they work behind different firewalls. Access control ensures that only authenticated users can participate in real-time meetings, and while they collaborate together their data is protected at all times using 128 bit Secure Socket Layer (SSL) technology.

Decision Making and Documentation

Changes to 3D solid models triggers the creation of automatic documentation. In addition, users can create Issues, Action Items and Decisions that are captured into the meeting history. Meeting reports can then be generated to capture intellectual property, drive downstream processes and provide accountability.

Meeting Management

Real-time meetings are just like face-to-face meetings but hosted over the Internet. Comprehensive meeting management capabilities allow users to plan meetings in advance and invite team members. OneSpace

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Collaboration ensures automatic web client downloads and rapid, reliable connections.

Integration and Co-existence

OneSpace Collaboration fits easily into existing CAD and data management environments. It provides the view, inspect, and markup capability that users need to collaborate while your current data management application tracks and manages the results of all collaborative meetings.

Benefits to You

OneSpace Collaboration offers companies the opportunity to improve many of their engineering design processes. Some of these include:

Design Review

Reduce your product development time and project costs by bringing your engineering designers, suppliers, and customers together in a real-time meeting to assemble and inspect 3D solid models from different CAD systems. Give them the tools to verify immediately whether the fit, form, and function specified is a reality in the digital mock-up.

DFx Feedback

Get expert feedback from those that matter early in the design process, where changes are cheapest to make. Manufacturing, tooling, engineering analysis, industrial design can all contribute their advice and expertise in a real-time meeting.

Engineering Change Orders (ECOs)

Reduce the number of ECOs and the number of steps required to complete them by implementing OneSpace Collaboration real-time meetings as part of the formal change process. Move the ECO process off the critical path by ensuring that the problems are fully understood, and that only the right people are involved in solving them.

System Requirements

OneSpace Collaboration runs on the following platforms:

- HP-UX® 11.0/11i
- Windows NT™ 4.0, 2000™, XP™
- Solaris™ 7.0

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Ordering Information

OneSpace Collaboration
OneSpace Collaboration Support

C800
C800A

Electronic manuals are available on the OneSpace media.

Co|Create

For more information, please contact the following CoCreate offices or visit
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