SPACECLAIM
CORPORATION

www.spaceclaim.com

La solución CAD más avanzada

Un 3D intuitivo que Potencia la Productividad de su Ingeniería

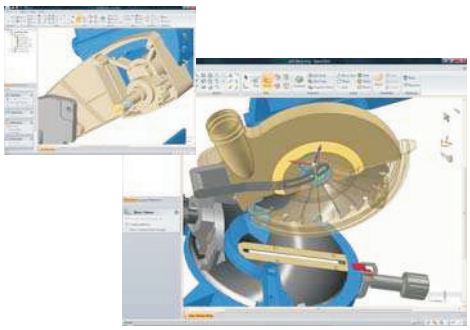
SpaceCaim Corp. hace que el modelado 3D sea accesible con su solución de modificación CAD junto con la intuitiva experiencia del usuario. Con SpaceClaim Engineerlos ingenieros se centran en su labor principal mientras se benefician de un potente modelador 3D que acelera sus aportaciones al proceso de desarrollo del producto. SpaceClaim se distingue aún más con un formato de datos abierto que garantiza el acceso pleno y continuo a la definición del producto.

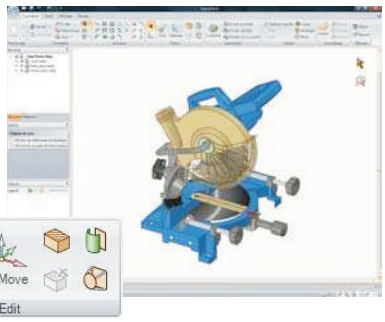
"Techshot™ needed a conceptual design tool that our engineers and scientists could use. Our team's creativity in developing solutions to very challenging problems requires a truly flexible modeling environment and one that is suitable for part-time use since design is only one aspect of their engineering contributions . We chose SpaceClaim because it meets these requirements."

- Mark S. Deuser, Co-founder, President, CEO of Techshot

Acelere sus valiosas mejoras al proceso de desarrollo del producto:

Contribución completa al Diseño Mecanico
- **Complementos CAD 3D**
- **Mejora las interacciones de diseño funcional**
- **Promueve el acceso de datos con XML**





Logre Más con su 3D Intuitivo
- **Un interfaz gráfico eficiente (GUI)**
- **Sugerencias de diseño mientras modela**
- **Métodos conocidos 2D para editar 3D**

Incrementa la productividad de Ingeniería
- **3D intuitivo**
- **Cambios de diseño en tiempo real**
- **Funciones potentes e inteligentes**

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SPACECLAIM ENGINEER

SpaceClaim Engineer proporciona capacidades de modelado 3D intuitivo, utilizando un número selecto de herramientas inteligentes, en una sola piezz y trabajando en ensambles. Las ventajas y funciones que SpaceClaim Engineer incluyen:

- Aplicación de CAD neutral permite la interoperatividad entre múltiples sistemas CAD, CAM, de análisis y PLM.
- 3D Intuitivo ofrece un entorno de diseño altamente flexible que soporta directivas de diseño sin anticipar, ideal para diseño conceptual, reutilizar diseños o modificaciones
- Formato de datos XML abierto consigue que los datos del producto sean accesibles y gestionar del ciclo de vida, garantizando que el usuario no perderá sus datos
- Un solo entorno de trabajo para piezas, ensambles y bocetos que soporta un diseño de inicio a fin y de arriba a bajo, ideal para diseño conceptual.

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SpaceClaim Engineer

3D Intuitivo

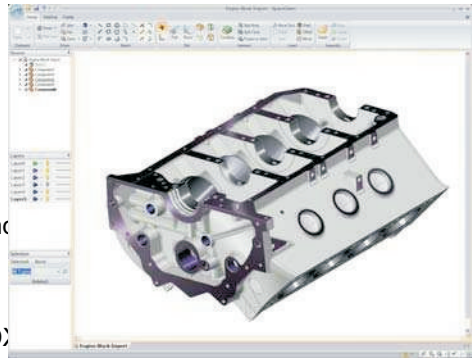
- **SmartTools** understand the user s modeling intent simply by recognizing what geometry is selected and in what context. By determining what operation to perform without excessive drop-down menus, dialogue boxes, and user clicks, SpaceClaim dramatically improves users productivity.
- **Hints** are a unique user interface advancement that automatically presents design considerations, such as maintaining same size holes or wall thickness, in the form of localized snapshots. eliminate the need for the user to enter specific dimensions or interrogate the model before changing or adding geometry.
- **Power Select** enables users to search the model for like geometry and to select as a group from the resulting list in order to modify, move, or delete all at once. Given the frequency with which users perform select operations, this streamlined selection process greatly improves personal productivity and overall design efficiency.
- **Modern GUI** based on the latest Microsoft® technology enables users to focus on working with the design, rather than on working with the software.

Main Tools

- **Sketch environment** lets users sketch to exact dimensions or create a rough layout for future modification. Sketching entities include lines, arcs, and splines. Sketching tools include trim, offset, and project to sketch. Sketches remain free of constraints, which makes the resulting 3D geometry completely flexible.
- **Pull Tool** creates and modifies geometry with a simple action. Users can pull a surface to create an extrusion, pocket, or hole. Users can also pull a surface to rotate it around an axis or to create a blend by pulling the surface through different sections. Pulling a profile along a path creates a sweep, and pulling an edge creates a round or chamfer.
- **Move Tool** speeds the process of moving or copying geometry in a design by providing a 3D handle to reference how geometry should be located along a specified direction or rotated about an anchor point. SpaceClaim also supports familiar Microsoft Cut and Paste commands to move and copy geometry.
- **Section Tool** provides a way to modify a 3D model by directly changing section geometry located anywhere within the design. This intuitive operation is familiar to those used to working in 2D.
- **Associative Drawing** environment enables design changes, as well as geometry creation and modification, from within drawing views. The drawing environment provides a familiar work space for those accustomed to working in 2D. Drawings support annotations, including geometric dimensioning and tolerances, to JIS, ISO, and ANSI® standards.
- **3D Mark-up** documents design changes using mark-up dimensions that automatically indicate both previous and current dimensional values. Compare function overlays the original model on the changed model and automatically displays all differences in color-coded highlights.

Data Exchange

SpaceClaim provides a full suite of data exchange capabilities. Imported 3D data can be modified as if it was originally created in SpaceClaim. Imported 2D data can be used to create 3D geometry.



Data Import

- Industry standard file formats: JT, ACIS®, Parasolid®, IGES, STEP, VDA, DWG, and
- Native file formats: CATIA® V5 and V4, NX®, Pro/ENGINEER®, SolidWorks®, and

Data Export

- Industry standard file formats: JT, ACIS, Parasolid, IGES, STEP, VDA, DWG, and DX
- Native file formats: CATIA V5

ABOUT SPACECLAIM CORP.

SpaceClaim provides a breakthrough CAD-neutral modification solution that enhances engineers productivity by empowering them to contribute to, consume, and share mechanical designs in a 3D digital form. For more information, visit www.spaceclaim.com

CERTIFIED FOR Windows Vista™

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Autodesk