



SPACECLAIM® ENGINEER AND SPACECLAIM STYLE PRODUCT FACT SHEET

<p>About</p>	<p>SpaceClaim represents the <i>most significant technology advancement</i> in 3D engineering in more than 10 years, having been created from the ground up specifically to give engineers and industrial designers the freedom and flexibility to capture ideas easily, edit solid models regardless of origin, and prepare designs for analysis, prototyping, and manufacturing. SpaceClaim enables an extended design team to work concurrently, finish projects at a fraction of the cost, and accelerate time-to-market.</p> <p>SpaceClaim Engineer is the world's fastest and most innovative 3D direct modeler, enabling engineers to easily create concepts and prepare 3D designs for prototyping, top-down design, analysis, and manufacturing. The product interoperates with major CAD systems and many analysis tools, providing a solution to bridge the gap in typical design and engineering workflows. SpaceClaim Engineer broadens access to 3D models and data across the engineering team and helps build consensus by sharing concept models. This capability enables CAD teams to build detailed models right <i>the first time</i>, reducing costly iterations.</p> <p>SpaceClaim Style brings the freedom of direct solid modeling to industrial design, accelerating product concept ideation by providing flexible tools to create, edit, and validate design concepts. The product is tailored to the needs of designers working in industrial design, product styling, furniture design, jewelry design, and architectural detailing. SpaceClaim Style provides designers in these and other segments with a rapid creation environment for visualizing new ideas and converting hand-drawn, 2D and surface data to accurate solid models, enabling designers to experience the benefits of 3D Direct Modeling with solids.</p> <p>These products are available in English, Spanish, German, French, Italian, Japanese, Traditional and Simplified Chinese, and Korean.</p>
<p>Features</p>	<p>New features in SpaceClaim 2009 include:</p> <ul style="list-style-type: none"> ➤ Faster model repair, simplification, and preparation for improved interoperability with CAD and CAE tools: <ul style="list-style-type: none"> ▪ Provides a new suite of tools with an expedient detect-and-repair workflow ▪ Helps analysts de-feature models prior to meshing ▪ Polishes poor geometry into viable solids ➤ Increased surfacing power: <ul style="list-style-type: none"> ▪ Includes swept multi-curve blends, n-sided patches, surface curves ▪ Meets expectations of designers accustomed to surface modeling ➤ Enhanced analysis tools for ID and manufacturing validation: <ul style="list-style-type: none"> ▪ Includes curvature, zebra stripes, dihedral angle ▪ Provides draft analysis and sophisticated draft creation ➤ Improved translators to open and edit 3D PDFs and open tessellated formats for visualization ➤ Language support expanded to include Spanish

<p>Benefits</p>	<p>While feature-based CAD products are very powerful and perform well for detailed design work, they are not appropriate for conceptual design, engineering analysis, and simulation-driven design. SpaceClaim Engineer interoperates with and complements major CAD systems and with many analysis tools, providing a solution to increase collaboration and optimize engineering workflows, enabling upfront analysis.</p> <p>SpaceClaim supports standard data exchange formats ACIS, STEP, IGES, ECAD, Rhinoceros®, DWG, DXF, STL, OBJ, XAML, VRML, 3D PDF (requires Adobe® Acrobat® 9 Pro Extended) and includes interactivity with Bunkspeed® HyperShot®. With add-on modules, SpaceClaim Engineer can import and edit Pro/ENGINEER®, Autodesk® Inventor®, CATIA® v4 and v5, VDA, Parasolid®, SolidWorks®, JT™ and NX® native files. SpaceClaim also works seamlessly with ANSYS® Workbench and GAMBIT, ALGOR®, CFdesign®, and many SpaceClaim customers use COMSOL®.</p> <p>By broadening access to 3D models and data across the engineering team, SpaceClaim helps build consensus by enabling the efficient sharing of concept models and helping to ensure that detailed models are built right the first time.</p> <p>With SpaceClaim Engineer:</p> <ul style="list-style-type: none"> ➤ Extended design teams can work concurrently, finishing projects at a fraction of the cost and at an accelerated rate. ➤ Engineers can engage in model-driven conceptual engineering to aggregate diverse inputs, including components from suppliers, existing CAD data, surfaces from product stylists, and ECAD data. ➤ Teams can review, iterate, and agree on a concept before expensive detailed design commences in CAD. ➤ The CAD team will receive a well-specified concept model that documents the design intent. ➤ Analysis is introduced at the beginning of the design process through simulation-driven product design, which will result in increased innovation. ➤ Analysts gain a fast and easy way to create and optimize design concepts. <p>SpaceClaim Style provides a tool tailor-made for the specific needs of designers who require a simple, yet powerful, tool to create innovative, attractive products. It also facilitates rapid concept ideation and iteration to help designers visualize new ideas and collaborate with product development by converting hand-drawn, 2D, and surface data to accurate 3D solid models.</p>	
<p>Pricing</p>	<p>Pricing for SpaceClaim Engineer starts at \$1,995 per seat. Pricing for SpaceClaim Style starts at \$895 per seat.</p>	
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