



DESIGN. No other single factor has as much power to determine the success of transportation and consumer products. In today's competitive global market, designers are under pressure to come up with new, innovative designs that address both form and function – and to do so quickly.

StudioTools™ lets designers:

- Explore more design solutions without extending their schedule
- Create more design iterations
- Visualize concepts with precision and present their vision to others in a compelling manner
- Refine their designs and hone in on solutions in less time
- Use fewer software applications to get their work done
- Spend less time thinking about modeling and more time focused on designing

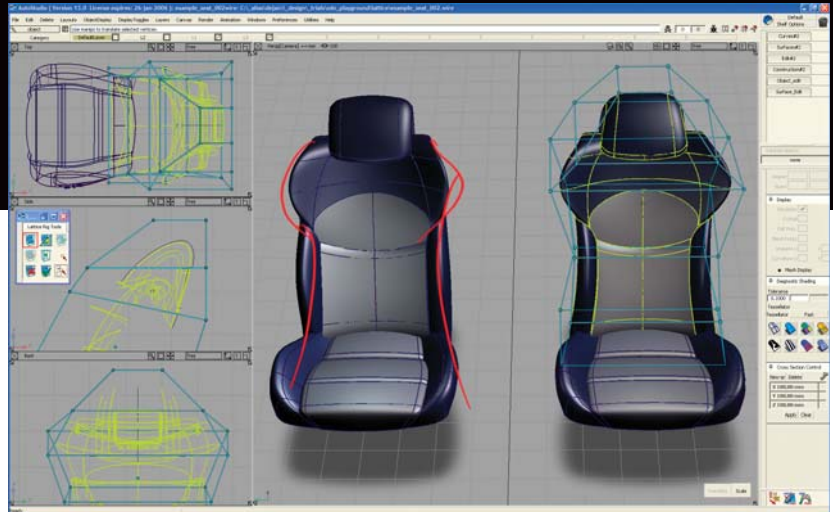
An all inclusive design solution, StudioTools 13 delivers the tools designers need within a single, efficient working environment that supports the creative shape definition, visualization, and refinement process.

The standard for transportation and product design

Alias StudioTools™13

NEW FEATURES and enhancements

StudioTools 13 software continues Alias' tradition of visualization innovation. It is a feature-packed release that gives designers tools that promote productivity and creativity.



StudioTools 13* includes:

Productivity-Enhancing UI – Significant changes to the UI and workflow enable designers to spend more time creating and less time looking for and thinking about tools. This includes new default work shelves that present the user with the essential tools required for specific tasks.

Sketching and 2D/3D Design – The StudioTools Paint workflow has now been reorganized so that it is more intuitive to those designers coming from a 2D background.

Dynamic Shape Modeling – The advanced, new *Dynamic Shape Modeling* features of StudioTools 13 software provide designers with a fast way to experiment with, and modify shapes at any stage of the design process.

Modeling – The addition of new, semi-automated modeling features and the re-architecting of many key modeling tools accelerates the overall modeling workflow.

There is also a new, timesaving hybrid-workflow (NURBS/scan data) for automotive design.

Reverse Engineering – StudioTools software now offers a number of tools useful for preparing large scan datasets for modification, visualization and reverse engineering.

Interactive Visualization – StudioTools 13 harnesses the power of graphics hardware as never before to deliver faster interactive performance and software-quality hardware rendering.

Data Transfer – StudioTools software now supports SolidWorks® data import and improved support for Alias SketchBook™ Pro that includes import of layered TIFF images.

* Please note that not all features listed apply to all products in the StudioTools family. For more information about Alias design solutions, please visit www.alias.com/design.

THE STUDIOTOOLS FAMILY

DesignStudio® is an ideation and concept design software that enables designers to rapidly develop and communicate design concepts and prototypes using sketches, illustrations, photorealistic rendering, animations, and digital 3D models.

Alias Studio™ is for those designers who own the entire design process – from ideation through to design refinement and resolution. It includes all of the features in DesignStudio, plus the capability to efficiently control the entire shape definition process with tools to create, modify and visualize precise surfaces and design details. It also includes advanced visualization features for realistic interactive evaluation and presentation.

Alias AutoStudio™ is the industry-standard software for automotive design and styling, used by every major automotive styling studio in the world. The software provides a comprehensive solution for the entire shape definition process, from concept sketches through to Class-A surfacing.

Alias SurfaceStudio™ is for virtual modelers who evolve concept models and scan data into high-quality product – or, in the case of technical surfacing, Class-A – surfaces. It includes a full set of dynamic modeling capabilities for shape development, refinement and control, as well as powerful interactive evaluation functionality to verify the aesthetic and technical quality of surfaces.



Image courtesy of Actis-Datta S.A.

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Productivity – StudioTools 13 delivers the fastest software user interface for designing. Not only does this intuitive new UI streamline the design workflow, it helps new users become productive quickly.

Rapid Communication of Ideas – Advanced, new *Dynamic Shape Modeling* functionality gives designers a quick way to experiment with, and modify shapes. When it comes to iterating, this new feature gives them the power to explore alternatives – without paying the price of starting over.

Improved Interactive Visualization – StudioTools 13 software delivers faster interactive performance, a simplified visualization workflow and photo-real image quality through attributes previously available only in software rendering.

Enhanced Modeling Performance – The re-architecting of key modeling tools now produces results that require little or no fine-tuning. There are also new semi-automated modeling features – including *ball corner* and *multi-surface blend*.



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