

3D ACIS Modeler

A proven solution serving the world's leading industrial 3D software applications

For over 30 years, 3D ACIS Modeler has led the 3D modeling kernel market, with improvements and enhancements for millions of users over decades of industrialization. Spatial continues to partner with our ACIS customers to develop solutions to core industrial challenges and to expand their leadership.

PROVEN MODELER

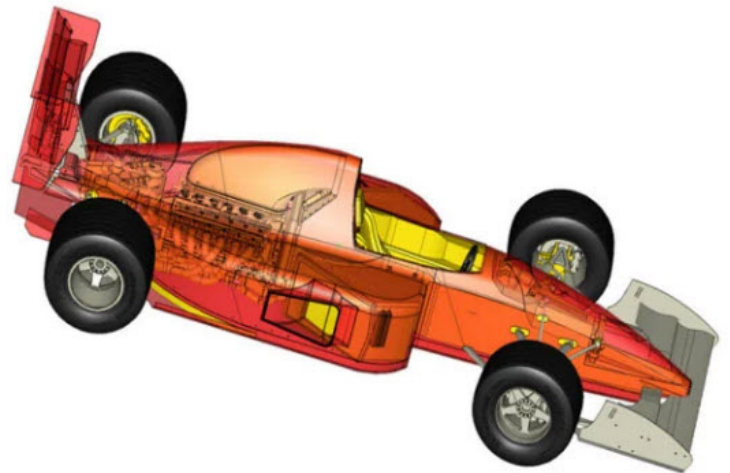
ACIS-based applications leverage the recognized quality of modeling operations such as booleans which are a direct result of 30+ years of Spatial's collaboration with industry leaders in design, analysis, manufacturing and measurement.

SOLUTION ADVISOR

Spatial experts ensure the continued success of ACIS-based applications by engaging to understand and support customers needs and strategies.

EXPAND YOUR REACH

Benefit from the innovation of 3DEXPERIENCE® and the CGM ecosystem to expand the reach of your application by integrating additional technologies such as CAD Interoperability, Visualization, Meshing, Polyhedral Modeling, Constraint Modeling, and Hidden Line Removal.



3D ACIS MODELER FEATURES

Create 3D Models

3D ACIS Modeler supports geometry creation, modification and query from simple models to complex assemblies using a number of modeling approaches. Whether the need is for direct modeling capabilities to support a history-free CAD application or to implement a history-based feature tree, 3D ACIS Modeler's broad solutions are trusted across a variety of industries.

Modify 3D Models

The ability to modify a 3D model is important as models come from many different sources with different intents. 3D ACIS Modeler supports applications in the customization of their data preparation through its extensive set of robust operations such as Boolean, Blending, Direct Editing, Thickening, Offsetting and more.

Topology Tracking & Attributes

3D ACIS Modeler provides complete support for feature modeling applications with annotations for topology tracking from geometrical operations. Additionally applications can leverage attribute mechanism for attaching custom data to topological objects for tracking them through modeling operations.

High Performance

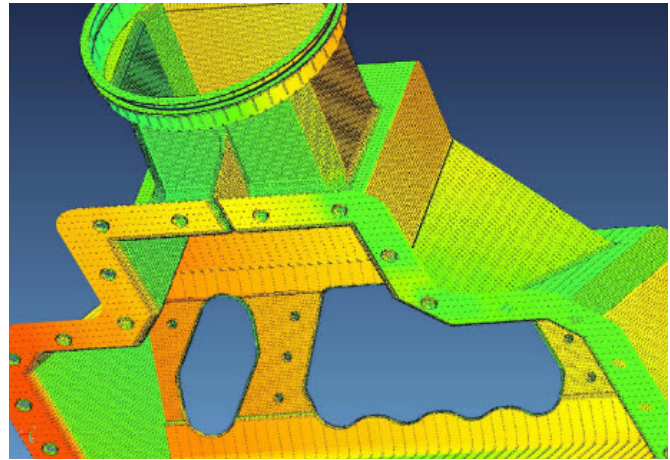
3D ACIS Modeler maintains the highest standards in performance and memory management, making continuous improvements and building on its decades of use in industry. It is thread-safe with support for multi-threaded APIs.

Query 3D Models

Utilize model topology, geometry, and metadata for read-only workflows where creation or modification of models isn't necessary, for example visualization for xR applications.

Add-ons for specific applications

Offer incremental value to your customers by adding more functionality. Spatial provides and maintains bridges, or out of the box integration code, so that 3D ACIS Modeler developers can expand their applications with add-ons like 3D Precise Mesh, CGM HLR, CDS. These can then be integrated with little effort, allowing developers to focus on competitive differentiators.



Our 3DEXPERIENCE® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating 'virtual experience twins' of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production.

Dassault Systèmes' 20,000 employees are bringing value to more than 270,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit www.3ds.com.



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