EVOLVE
solidThinking®

Model, Explore, and Present

Liberate your creativity with the ultimate freedom of organic surfacing, parametric solid controls, and polygonal modeling all coupled with construction history and state-of-the-art photorealistic rendering.

Evolve is made for you.

Evolve is the first modeling tool built specifically for designers, by designers.

We are designers just like you. Our goal with Evolve from day one was to create a world-class modeling and rendering tool that we would be proud to use ourselves. Every feature and function in Evolve was designed with your specific needs in mind. Free yourself from the constraints of traditional CAD products and enjoy the versatility of Evolve to model and render like never before.

"The Evolve program is a vital part of my design process. It allows me to develop multiple concepts using its unique history function while giving me the ability to visually illustrate my product design proposals that are realistically rendered."

Thomas Hicks,
Senior Industrial Designer,
Lear Corporation

"Concept visualization is key to any product development effort. solidThinking has built the best design visualization tool for designers, and I intend to prove it by adding extreme value to the Kenmore portfolio of products."

Michael Saubert,
Group Design Manager,
Sears Holding

"Now that I run my own design business, Evolve is more important to me than ever. It allows me to quickly explore and develop my initial concepts with flexible models."

Diane Shane-Schuldt,
Freelance Designer,
www.dianeshaneschuldt.com

Model freely

Unparalleled modeling control

Evolve offers free-form surfacing, solid modeling, and polygonal modeling all controlled within construction history. Select the right approach for each aspect of your design to create the precise results you need.

Add detail with surface modeling tools like Rounds and Trims.

Maintain technical precision with solid modeling tools like Booleans and Shelling.

Easily create complex, organic shapes with PolyNURBS and Nurbify.

"I can quickly and effortlessly turn my initial pencil sketches into a real 3D model that can be developed on the fly. After final approvals of the given project, I have a file ready to be output as a grown part."
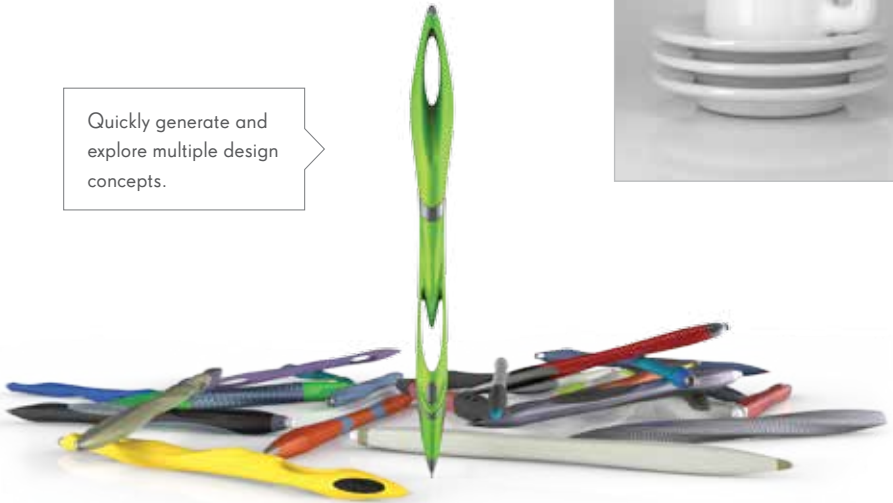
–Ron Mendell, Hollywood Concept Artist

Make changes effortlessly

Change your model as easily as you change your mind

Quickly and easily alter your designs without the need to rebuild your model. The ConstructionTree history allows you to edit any portion of your model while Evolve seamlessly updates the entire model for you.

Quickly generate and explore multiple design concepts.

"Evolve's ConstructionTree history allows us to seamlessly go back and edit our models without having to start the process over; this is key to help expedite our timeline. With Evolve, we have designed over 100 different furniture models."

–Jared Boyd, Product Design Manager at Dimensions Furniture

Render beautifully

One tool for all of your modeling and rendering needs

With Evolve, there is no need to purchase additional packages or export your model to another tool. Evolve's built-in rendering allows you to create beautiful photorealistic renderings and animations in the modeling environment.

Evaluate designs, materials, and environments with cutting-edge rendering technology.

"Every project starts with a 3D model in order to understand feasibility as well as technical limits or constraints that come from the customer. We use 3D models not only to see the technical issues but to give the client the final impressions using Evolve's high quality photorealistic rendering."

–Paolo Trevisan, Chief Designer at Pininfarina Extra

"I was looking for CAD that can properly do what should be done, and my search led me to Evolve. At the time I was working on both Windows and Mac, so the deciding factor for me was Evolve's support for both operating systems. And as a designer, it's very useful to be able to use the free form surface to create 3D designs with the same kind of feeling as drawing an illustration."

Hiromichi Hara, KOTOBUKI Corporation

Evolve Features

KEY FUNCTIONALITY

- Polygonal Modeling
- Surface Modeling
- Solid Modeling
- Nurbify

- ConstructionTree History
- Integrated Rendering
- Animation
- Drafting

DIRECT IMPORT FROM

- 3ds
- ACIS
- Adobe Illustrator
- CATIA (V4, V5 & V6)
- DWG

- DXF
- H3D
- I-DEAS
- IGES
- Inventor

- NX
- OBJ
- Parasolid
- Point cloud
- Pro/E

- Rhinoceros
- SOLIDWORKS
- STEP
- STL
- VDAFS

EXPORT TO

- 3ds
- ACIS SAT
- DXF
- IGES

- KeyShot
- LightWave
- Maya ASCII
- OBJ

- Parasolid
- Rhinoceros
- STEP
- STL

- VDAFS
- VRML

Evolve is Available for

Windows 64-bit; 10, 8.1, 7

Mac 10.11, 10.10, 10.9

Learn more at
solidThinking.com/Evolve

forum.solidthinking.com

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