

3D SCULPTOR 3DEXPERIENCE ROLE



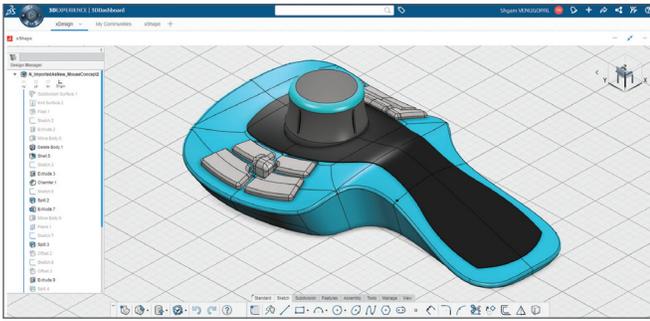
DESIGN 3D ORGANIC SHAPES QUICKLY AND EASILY WITH AN INTUITIVE CLOUD MODELING SOLUTION

Accelerate your design process with rapid iteration on design solutions and real-time collaboration helping your organization deliver innovative products to market faster.

OVERVIEW

3D Sculptor is a browser-based 3D subdivision modeling solution that enables industrial designers, engineers and artists to create stylized ergonomically or organically shaped models faster and more easily than traditional parametric tools. Built on the cloud-based Dassault Systèmes 3DEXPERIENCE® platform, 3D Sculptor complements the parametric workflows of SOLIDWORKS 3D CAD with intuitive subdivision modeling and a seamless interchange of design data.

CAPABILITIES OF 3D SCUPTOR



- Create complex surfaces quickly using intuitive push-pull interaction.
- Use images and sketches as a guide to create 3D surface geometry.
- Automatically convert subdivision surfaces to NURBS geometry when finished.
- Seamlessly switch between conceptual modeling and detailed modeling environments and eliminate the need for rework.
- Make changes to the product shape at any point in the development cycle without the need to re-model. Changes propagate to parts, assemblies, drawings, mold tooling and CAM data.
- Eliminate the need to plan your assembly structure up front. Make model changes at any time in a single modeling environment for parts and assemblies.

CAPABILITIES OF THE 3DEXPERIENCE PLATFORM

With its growing app portfolio and secure cloud technology, the **3DEXPERIENCE** platform enables you to manage all facets of your product development process while reducing infrastructure costs, IT overhead, software maintenance and complexity. All **3DEXPERIENCE** solutions work together seamlessly making data management, sharing and collaboration easy. 3D Sculptor can take advantage of the following platform capabilities:

- View, share, annotate, discuss and manage designs from anywhere, at any time and on any device with a web browser.
- Avoid rework and data translation errors through seamless interaction with SOLIDWORKS 3D CAD and other **3DEXPERIENCE** design tools such as 3D Creator.
- Enable design and engineering teams to collaborate more closely through a seamless connection with SOLIDWORKS 3D CAD.
- Collaborate with all internal and external team members through cloud-based dashboards, messaging, activity streams, communities and drag-and-drop task management.
- Securely manage your data and all facets of your product development process on the platform.
- Control revisions with specialized tools.
- Easily source parts and services from around the world in **3DEXPERIENCE** Marketplace.

Learn more about these and other capabilities of the platform in the Business Innovation and Industry Innovation datasheets.

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

Dassault Systèmes, the **3DEXPERIENCE**® Company, provides business and people with virtual universes to imagine sustainable innovations. Its world-leading solutions transform the way products are designed, produced, and supported. Dassault Systèmes' collaborative solutions foster social innovation, expanding possibilities for the virtual world to improve the real world. The group brings value to over 250,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

