3DEXPERIENCE®

TMS CADCentre
SolidWorks in Scotland

SOLIDWORKS



3D CREATOR

3DEXPERIENCE ROLE

CREATE 3D DESIGNS QUICKLY WITH AN INTUITIVE CLOUD MODELING SOLUTION

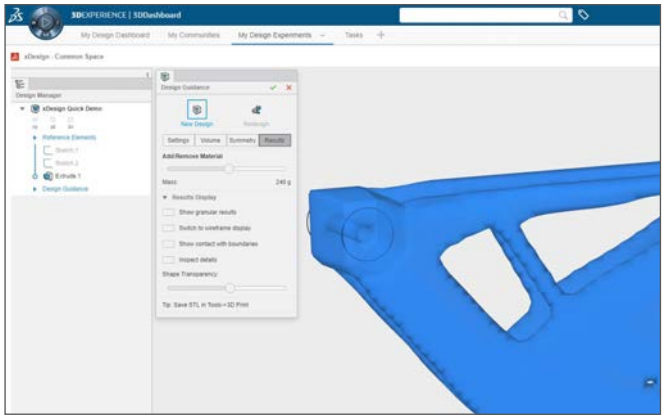
Accelerate your design-to-manufacturing process with flexible workflows and real-time collaboration, helping your organization deliver innovative products to market faster.

OVERVIEW

3D Creator is a browser-based 3D modeling solution that enables designers and engineers to create, review and evaluate 3D models through easy-to-use parametric modeling capabilities. Built on the cloud-based Dassault Systèmes **3D**EXPERIENCE® platform, 3D Creator complements SOLIDWORKS 3D CAD with flexible design workflows and a seamless interchange of design data.

DASSAULT SYSTEMES

CAPABILITIES OF 3D CREATOR



- Easily model parametric solids and surfaces to convey conceptual design and detailed parts and assemblies.
- Optimize and evolve existing designs with a generative design approach.
- Understand structural requirements such as support loads and constraints before creating geometry through an easy exploration of optimal material with Design Guidance.
- Get design inspiration from real-world loads and fixtures.
- Iterate rapidly and change design intent without the rework associated with typical parametric modeling tools.
- 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 **3D**EXPERIENCE platform enables you to manage all facets of your product development process while reducing infrastructure costs, IT overhead, software maintenance and complexity. All **3D**EXPERIENCE solutions work together seamlessly making data management, sharing and collaboration easy. 3D Creator 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 **3D**EXPERIENCE design tools such as 3D Sculptor.
- 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 **3D**EXPERIENCE Marketplace.

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

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Our **3D**EXPERIENCE® 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**.

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