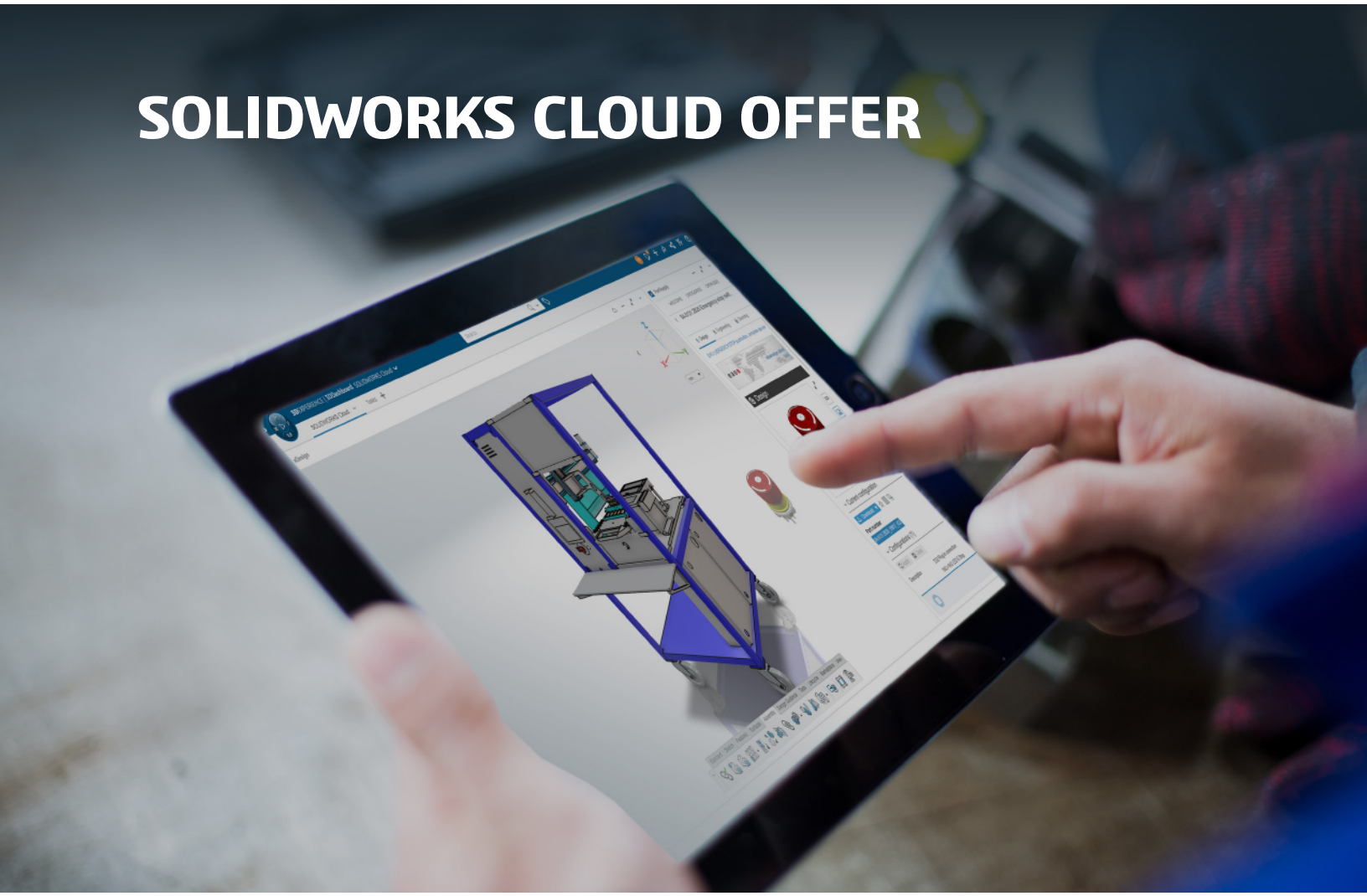
3DEXPERIENCE®

SOLIDWORKS

TMS CADCentre

SOLIDWORKS CLOUD OFFER



Push the boundaries of product development from concept to production with a secure platform featuring innovative design tools, and built-in data management and collaboration in the cloud.

OVERVIEW

The SOLIDWORKS® Cloud Offer brings powerful next-generation design solutions running on the cloud-based **3D**EXPERIENCE® platform for product development. With intuitive, task-oriented tools, you can create mechanical, complex-shaped, frame-structured, and sheet metal designs; 2D drawings; 3D annotations; photorealistic renderings; and product documentation. Built-in data and product lifecycle management in the cloud means you can manage product information, hassle-free, from any device allowing you to focus on design through manufacture. Collaborate in real time across disciplines, departments, and your entire business ecosystem, including customers, partners, and suppliers. As your business and needs grow, add new tools that work together seamlessly, and have a consistent user experience so you can design, validate, and manage the development of your products in one place, on the platform.

DASSAULT SYSTEMES

Powerful: Parametric and subdivision modeling in the cloud with next-generation 3D design

- Easily create conceptual and detailed designs for components and assemblies of any complexity using flexible design workflows and built-in intelligence.
- Create complex surfaces quickly using intuitive push-pull interaction to shape your design and automatically convert subdivision surfaces to geometry when finished.
- Automate tasks as you never could before, from sketching to feature selection and much more, with Design Assistant, the artificial intelligence engine on the **3D**EXPERIENCE platform.
- Understand structural requirements due to defined loads and constraints before creating geometry, using Design Guidance to easily explore optimal material distribution.
- Iterate rapidly and change design intent without the rework associated with traditional parametric modeling. With all your data on the platform, you don't need to worry about the structure of parts and assemblies up front—it can be changed at any point of the process.

Streamlined: Specialized design, photorealistic rendering, and innovative product documentation

- Build complex models for a broad range of industries with ease, using specialized capabilities for sheet metal, cast parts and weldments, surfacing, and more.
- Design sheet metal components with automatically generated flat patterns and create fully detailed frames with accurate cut lists that are ready for fabrication.
- Create photorealistic product renders and 360 degree turntable animations directly from the design reference so you can highlight your product's value, enable partners, and win more customers—all while manufacturing your product.
- Avoid costly discrepancies between models and physical parts with the ability to quickly add product manufacturing information and share it with suppliers, reducing the risks when moving from design to production.
- Quickly generate 2D drawings of parts and assemblies from your 3D models, reducing the time and cost of your design-to-manufacturing process.



Teams brainstorm on product designs virtually by sharing the same interactive whiteboard, regardless of where they are located.

Organized: Secure data and product lifecycle management on a collaborative cloud platform

- Store all your product data in a centralized, secure location and access it from any device without having to install specialized software.
- Manage the lifecycle of CAD data and documentation across disciplines and CAD applications.
- Track issues, changes, and routes, and reduce conflicting edits from multiple contributors with built-in revision control. Create digital markups directly from the design data for use throughout the change process.
- Easily visualize ideas and concepts and share with everyone, fostering innovation, with built-in collaboration tools such as communities and conversations.
- Communicate among teams in one central location and conduct spontaneous and casual brainstorming sessions thanks to infinite virtual whiteboards.

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, 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**.

3DEXPERIENCE®

©2021 Dassault Systèmes. All rights reserved. 3DEXPERIENCE®, the Compass icon, the 3DS logo, CATIA, SOLIDWORKS, ENOVIA, DELMIA, SIMULIA, GEOVIA, EXALEAD, 3D VIA, BIOVIA, NETVIBES, IFWE and 3DEXCITE are commercial trademarks or registered trademarks of Dassault Systèmes, a French "société européenne" (Versailles Commercial Register # B 322 306 440), or its subsidiaries in the United States and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes or its subsidiaries trademarks is subject to their express written approval.

TMS CADCentre

www.tms-scotland.com
info@tms-scotland.com

TMS CADCentre - Scotland Central
7 Central Park Ave
Central Park
Larbert, FK5 4RX
01324 550760