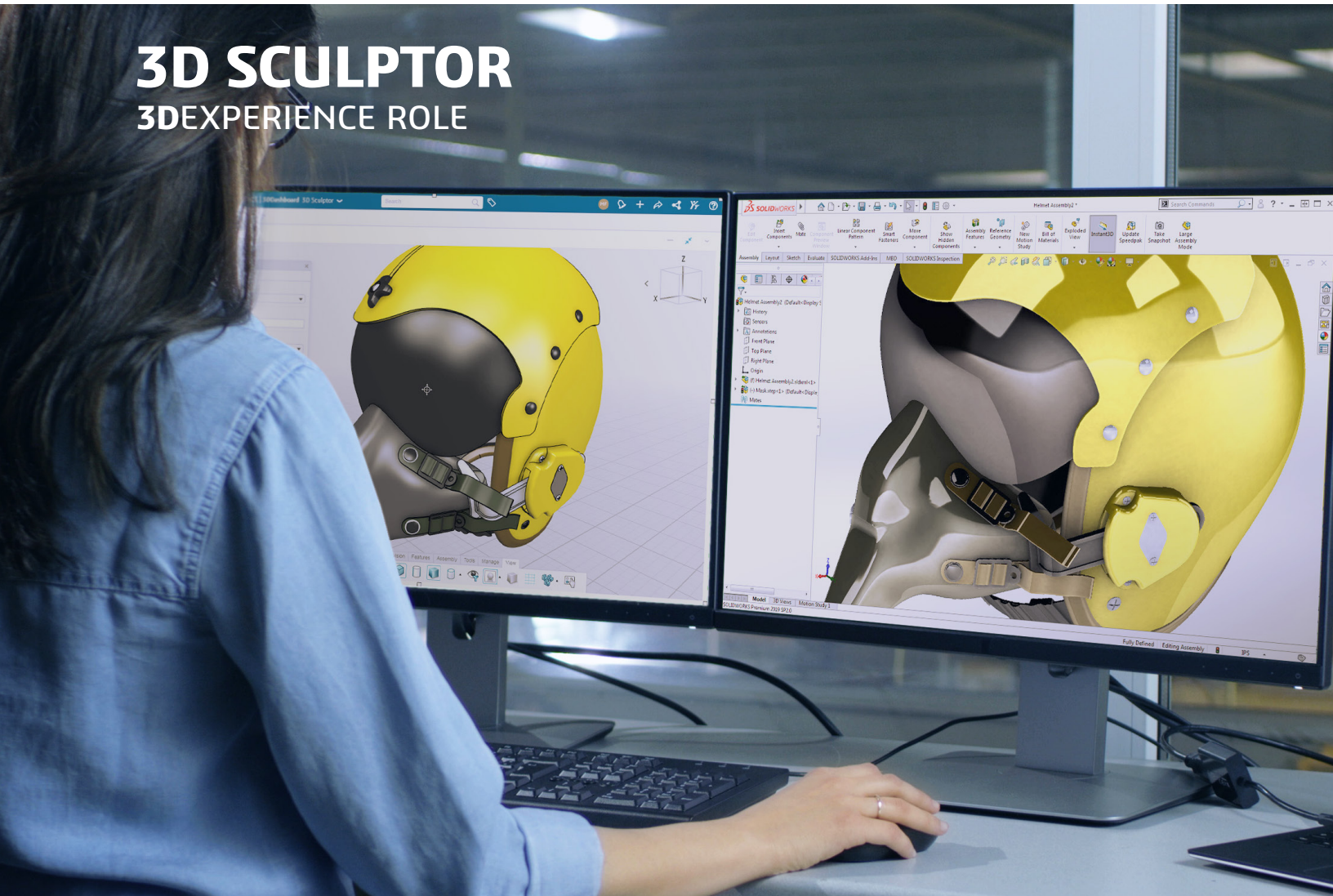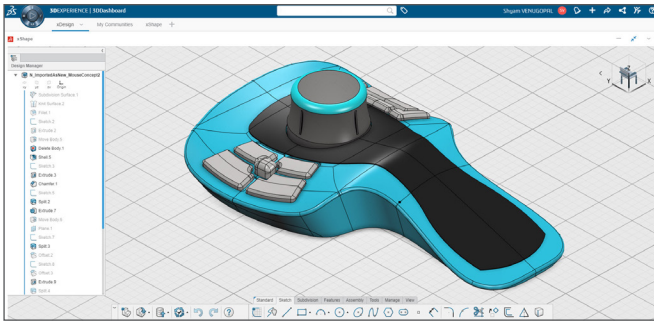# 3D SCULPTOR
3DEXPERIENCE ROLE

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 **3D**EXPERIENCE® platform, 3D Sculptor complements the parametric workflows of SOLIDWORKS 3D CAD with intuitive subdivision modeling and a seamless interchange of design data.

KEY CAPABILITIES

- 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 solution 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 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 **3D**EXPERIENCE 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.

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

Dassault Systèmes, the **3D**EXPERIENCE 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 **3D**EXPERIENCE 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®

DASSAULT SYSTEMES | The **3D**EXPERIENCE® Company