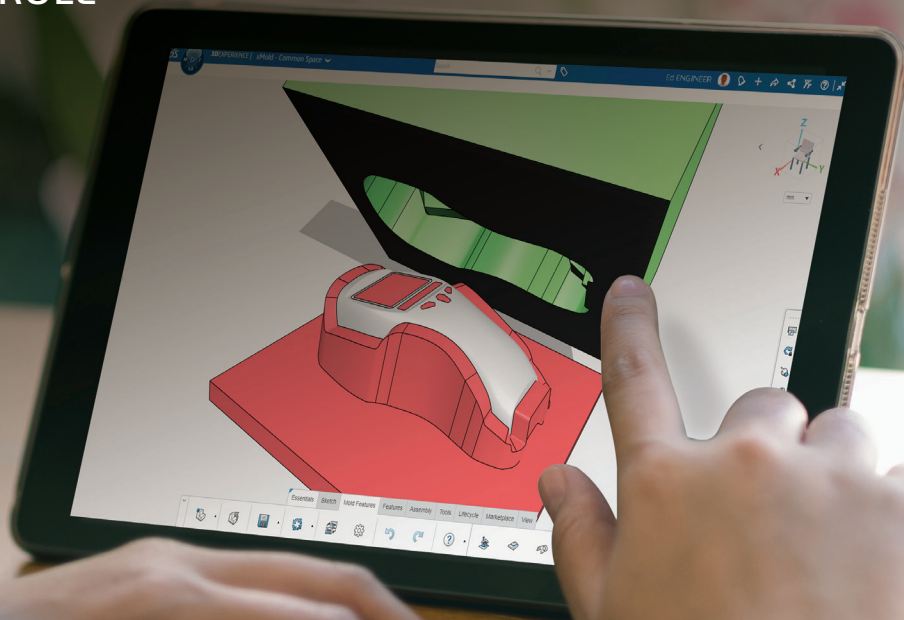**3S SOLID**WORKS

3D MOLD CREATOR
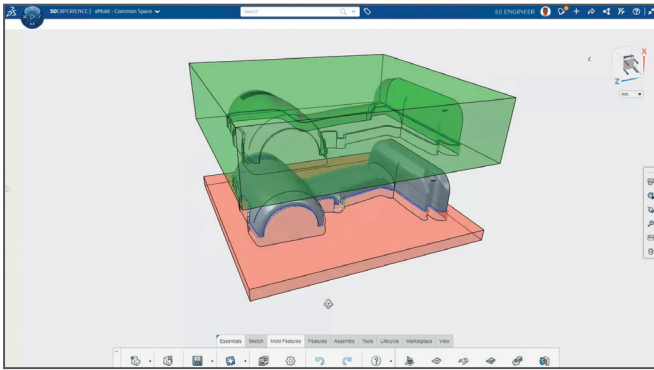## **3D**EXPERIENCE ROLE

REDUCE MOLD TOOLING TIME TO MARKET AND IMPROVE PLASTIC PART MANUFACTURABILITY

Design molds directly in your browser and connect with distributed teams, customers, and suppliers.

OVERVIEW

3D Mold Creator provides specialized, automated, easy-to-use features for the design of mold core, cavity, and inserts in a browser. Its functionality bridges the gap between plastic part designers and mold makers—sophisticated enough for mold makers yet easy enough to use for plastic and cast part designers and engineers. Speed tooling design with automated features and improve the ability of your mold design to survive last-minute changes to the design model. Built on the cloud-based **3D**EXPERIENCE® platform, 3D Mold Creator enables your teams to work concurrently on the same project, while keeping your data safe and accessible from anywhere, at any time, and on the device of your choosing.

3S DASSAULT SYSTEMES

KEY CAPABILITIES

- Get your new users up to speed quickly and standardize your mold design process with Learning Assistant.
- Guide new users and speed up design for experienced users with built-in mold design workflow intelligence.
- Automatically create parting lines, shutoff surfaces, parting surfaces, and mold splitting, making mold design faster.
- Update molds with design part changes automatically to accelerate design changes.
- Eliminate mold lockup and ensure proper mold function with Draft and Undercut checking.
- Compensate for plastic shrinkage in the plastic part by scaling your design.
- Output mold core, cavity, and insert components quickly and easily for manufacturing and 3D printing.
- Work entirely in a web browser, giving you the freedom to design anytime, anywhere, with no need for installation.

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, simplifying data management, sharing, and collaboration across your entire business ecosystem. 3D Mold Creator can take advantage of the following platform capabilities:

- Store all your design data in a centralized, secure location in the cloud.
- Manage the lifecycle of any type of content—such as 3D design files, simulation models, and documentation—across disciplines and CAD applications.
- Streamline data management with built-in revision control and branching.
- Navigate tabular and 3D design data simultaneously, and easily validate the differences between two product structures.
- View, share, annotate, discuss, visualize, and manage designs from any device with a web browser.
- Intuitively toggle between platform solutions, such as 3D Creator and 3D SheetMetal Creator, to design complex assemblies that include a variety of design types.

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®

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