

INDUSTRIAL EQUIPMENT SINGLE MOLD AND TOOLING SOURCE

Simplify Mold and Tooling Engineering from 3D Design

LEVERAGE CONNECTIVITY TO AUTOMATE MOLD AND TOOLING GENERATION

Single Mold and Tooling Source for the Industrial Equipment industry increases manufacturing productivity and quality.



Single Mold and Tooling Source delivers an integrated solution from design to manufacture that facilitates tooling design and production. By working directly from the 3D product data to design and produce precise and high-quality molds and tooling, manufacturers mitigate costly late-stage production risks and errors that can set back schedules and budgets. Moreover, they boost their competitive edge by being able to easily and reliably adjust designs when requirements change. With *Single Mold and Tooling* companies take advantage of a unique product referential that facilitates collaborative innovation, agility and decision-making.

Single Mold and Tooling Source is available on premise and on cloud.



INDUSTRY CHALLENGES

- How to improve mold and tooling quality?
- How can companies anticipate and check manufacturing compliance and quickly make adjustments to molds and tooling?
- How to capitalize IP for future reuse?
- How to make sure product and tooling information is compatible and up to date?
- How to quickly update tooling when designs are modified?

SOLUTION HIGHLIGHTS

- One integrated solution from part design to tooling manufacture.
- Capitalize and reuse company knowhow.
- Automatic tooling generation from 3D part design.
- Covers multiple manufacturing processes such as casting, forging, molding, forming, stamping, punching and rolling.
- Automatically checks product's manufacturing compliance.

SOLUTION VALUES

- Integrated platform linking design and manufacturing data streamlines mold and tooling creation.
- Increased productivity with automatic tooling creation from 3D part design.
- Tooling automatically updated when part is modified reducing risks and costly reworks.
- IP capitalization promotes knowledge sustainability for years to come.

SINGLE SOURCE FOR SPEED

Single Mold and Tooling Source is part of *Single Source For Speed*, a Dassault Systèmes Industry Solution Experience based on the **3DEXPERIENCE®** platform that manages the end-to-end multi-disciplinary product development process by delivering a unified design experience to industrial equipment companies that need to address their complex manufacturing challenges. With *Single Source For Speed*, project stakeholders have social networking, design and business applications that facilitate decision-making, reduce costs and accelerate time to market.



Our 3DEXPERIENCE® platform powers our brand applications, serving 12 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 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.



3DEXPERIENCE®



Americas
Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA

Europe/Middle East/Africa
Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific
Dassault Systèmes K.K.
ThinkPark Tower
2-1-1 Osaki, Shinagawa-ku,
Tokyo 141-6020
Japan