3S SOLIDWORKS

3DEXPERIENCE®

3DEXPERIENCE **SOLIDWORKS OFFERS**

CONNECT YOUR TEAMS, DATA AND PROCESSES ALL IN ONE PLACE IN THE CLOUD

The **3D**EXPERIENCE® SOLIDWORKS® offers connect the industry-leading SOLIDWORKS 3D CAD solution to the **3D**EXPERIENCE platform, a cloud-based product development environment. Take advantage of the intuitive parametric and subdivision modeling, photo rendering and structural simulation capabilities, as well as the robust collaboration and data and product lifecycle management tools. The offers come with online training courses, access to a vibrant online community and support from your local reseller.

With all data saved securely on the **3D**EXPERIENCE platform, your design and engineering teams can access, share and manage your product information at any time, from anywhere and on any device. Collaborate in real time across disciplines, departments and your entire business ecosystem, including customers, partners and suppliers. Add new roles that work together seamlessly, and have a consistent user experience so you can design, simulate and manufacture your products in one place, on the platform. Simplify license management with the ability to monitor usage, manage users and assign and remove licenses from a single administrative dashboard.

3S DASSAULT SYSTEMES

ACCESS THESE ROLES THROUGH THE 3DEXPERIENCE SOLIDWORKS OFFERS:

- **3D**EXPERIENCE **SOLIDWORKS Standard:** intuitive, robust SOLIDWORKS 3D CAD solution connected to the **3D**EXPERIENCE platform featuring part and assembly modeling, 2D drawings and productivity and automation tools

- **3D**EXPERIENCE **SOLIDWORKS Professional:** all capabilities of **3D**EXPERIENCE SOLIDWORKS Standard plus photorealistic rendering, automated cost estimation, reverse engineering, automated design and drawing checking, and tolerance analysis

- **3D**EXPERIENCE **SOLIDWORKS Premium:** all capabilities of **3D**EXPERIENCE SOLIDWORKS Professional plus piping, tubing, electrical cable and harness routing design, and advanced surface flattening capabilities

- **3D**EXPERIENCE **SOLIDWORKS Simulation Designer:** simulation role connected to the **3D**EXPERIENCE platform, providing linear static structural and time-based motion analysis capabilities for parts and assemblies

- **3D Creator:** browser-based 3D parametric modeling role on the **3D**EXPERIENCE platform that lets teams create conceptual and detailed designs easily

- **3D Sculptor:** browser-based subdivision modeling role on the **3D**EXPERIENCE platform that lets teams create highly stylized, organically and ergonomically shaped products quickly and easily

- **Collaborative Industry Innovator:** browser-based role on the **3D**EXPERIENCE platform for product lifecycle management featuring issue, change and route management, 3D visualization and markup, Kanban-style task management and more

- **Collaborative Business Innovator:** browser-based role on the **3D**EXPERIENCE platform for centralized team collaboration offering secure data storage and sharing, tailored dashboards, social communities and more

KEY CAPABILITIES

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 any installation.

- Manage the lifecycle of CAD data, simulation models and documentation across disciplines and CAD applications.

- Track issues, changes and routes, and reduce conflicting edits from multiple contributors with revision control.

Powerful: Robust 3D modeling, photorealistic rendering and Finite Element Analysis simulation

- Build complex models for a broad range of industries with ease, using specialized capabilities for sheet metal, cast parts and weldments, surfacing, injection molds, tools, dies, plastics, electrical cable and harness routing, and more.

- Easily create photorealistic renders and animations from your 3D models to get feedback and make informed design decisions.

- Run linear stress analysis and time-based motion studies to ensure product performance and safety.

Flexible: Parametric and subdivision modeling in the cloud

- Understand structural requirements such as support loads and constraints before creating geometry, through an easy exploration of optimal material with Design Guidance.

- Automate tasks never before possible, from sketching to feature selection and much more with Design Assistant, the artificial intelligence engine on the **3D**EXPERIENCE platform.

- Create complex surfaces quickly using intuitive push-pull interaction to shape your design and automatically convert subdivision surfaces to geometry when finished.

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**.

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