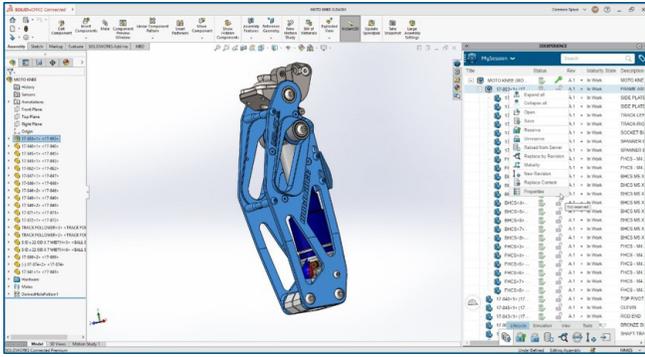**3S SOLID**WORKS

3DEXPERIENCE®

3DEXPERIENCE **SOLIDWORKS FOR EDUCATION**

PREPARE YOUR STUDENTS FOR THE REAL WORLD WITH THE TOOLS THE INDUSTRY IS USING

Increase employment opportunities and workforce readiness by giving students hands-on experience with industry-leading engineering practices.

3DEXPERIENCE® SOLIDWORKS® for Education is the intuitive, robust SOLIDWORKS Premium 3D CAD solution, connected to the cloud-based **3D**EXPERIENCE platform enabling anytime-anywhere learning and design. The role allows educators and other technical faculty to help their students build the skills they'll need to compete in today's competitive job force. Directly integrated within **3D**EXPERIENCE SOLIDWORKS, the **3D**EXPERIENCE platform provides secure, robust cloud data management, integrated life cycle management, and collaboration tools. **3D**EXPERIENCE SOLIDWORKS for Education goes beyond design and engineering, letting instructors manage classes, students, curriculum assignments, and projects from within a single integrated platform.

3S DASSAULT SYSTEMES

KEY CAPABILITIES

- Provide students with state-of-the-art part and assembly modeling, 2D drawings, and productivity and automation tools.

- Let students perform photorealistic rendering, automated cost estimation, reverse engineering, automated design and drawing checking, and tolerance analysis.

- Offer piping, tubing, electrical cable and harness routing design, and advanced surface flattening capabilities.

- Give students the ability to design, refine, organize, manage, and collaborate on content in real time with the same tools the pros use every day.

- Speed up the design cycle by enabling students to collaborate and access their designs anytime, anywhere.

- Avoid the risk of students drifting into out of sync model revisions or assembly configurations, and instead let them focus on the real design work with built-in cloud storage.

- Maintain learning continuity, teamwork, and knowledge acquisition, even if learning is fully virtual and students are spread out over thousands of miles.

- Deliver lessons in a 3DDashboard as if you're in a physical classroom, with the ability to offer students a range of learning activities, including real-time collaboration.

- Take advantage of integrated project management tools to assign projects and split up responsibilities, with direct links between tasks and models created throughout a project's life.

CAPABILITIES OF THE 3DEXPERIENCE PLATFORM

With its growing solution portfolio and secure cloud technology, the **3D**EXPERIENCE platform enables you to provide students with a real-world learning experience, 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 learning ecosystem.

With **3D**EXPERIENCE SOLIDWORKS for Education, educators and students benefit from the following platform capabilities:

- Store all design data in a centralized, secure location in the cloud.

- Manage the life cycle 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.

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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