3D PRODUCT ARCHITECT 3DEXPERIENCE ROLE

VISUALIZE, EXPLORE AND MOCK-UP MULTI-CAD STRUCTURES AND MODIFICATIONS

Increase design understanding and the impact of proposed changes to help reduce development time.

OVERVIEW

Built on the cloud-based **3D**EXPERIENCE® platform, 3D Product Architect is a browser-based solution that enables you to create, modify and explore multi-CAD product structures in a single context, enhancing understanding of designs and design changes. It helps you reduce design iterations by making review and digital mockup of designs, design variants and proposed changes universally accessible to stakeholders.

KEY CAPABILITIES

Create Digital Mockups

Save valuable engineering time and improve communication across the product development chain with the ability to universally access and mock up products in the cloud. More efficiently review product structures, mock up changes and reuse structures from existing products to create new structures. Maintain full control over lifecycle functions such as release and revise.
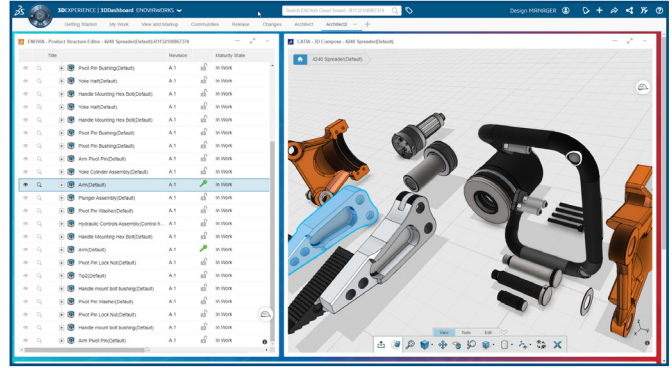
Explore Product Structures

See what is happening when the structure is being changed to better understand the impact of the change. Explore product features with Measure, Section and related object capabilities.

Extend Existing Designs

Easily create variations of existing designs and assign design context to each configured product. This provides a way to flexibly extend existing designs and more rapidly deliver products tailored to customer needs.

Mock up from Multiple CAD Solutions

With a single context from multiple design sources, you can see products in their entirety and mock them up to better understand the impact of changes. Access design composition to help product architects understand the design mix.

CAPABILITIES OF THE 3DEXPEIRENCE PLATFORM

The **3DEXPERIENCE** platform enables you to manage all facets of your product development process while reducing infrastructure costs, IT overhead, software maintenance and complexity. Users can take advantage of the following platform capabilities:

- Securely 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 **3D**EXPERIENCE design tools such as 3D Creator and 3D Sculptor.

- Collaborate with all internal and external team members through cloud-based dashboards, messaging, activity streams, communities and drag-and-drop task management.

- Easily source parts and services from around the world in the **3D**EXPERIENCE Marketplace.

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, 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 250,000 customers of all sizes in all industries in more than 140 countries. For more information, visit **www.3ds.com**.

3DEXPERIENCE®

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