

ONE UNIFIED
ENVIRONMENT

BENEFITS

USE CASES

EXPERIENCE THE
POWER

THE 3DEXPERIENCE PLATFORM

One Unified Environment

ONE UNIFIED ENVIRONMENT

The 3DEXPERIENCE® platform provides a unified environment to imagine, create and deliver the next generation of connected products, services and experiences. It brings together multi-disciplinary teams and enables the continuity essential to develop complex and connected products faster. For teams working concurrently, a unified environment acting as a single version of the truth for the entire extended enterprise is required to transform ideas into innovative products and experiences.

It requires:

- **A robust data model and ontologies** that support all disciplines.
- **Data management capabilities** to capture, manage, process and keep track of the data generated.
- **A collaborative environment** that connects all participants and enables secure, real-time collaboration across teams.
- **A unified user experience** that brings web-style simplicity and speed to the collaborative environment and your processes.

BENEFITS

Go to Market Faster

A unified environment provides continuity by connecting multiple disciplines and allowing teams to develop complex, connected products faster. By creating products and experiences in 3D, teams test and validate designs and simulate manufacturing virtually. Using simulation processes, assembly setup is optimized and potential manufacturing issues are identified and rectified without a physical prototype. This keeps development costs down and accelerates time to market.

Less Time Spent Manipulating Data

Having disparate and disconnected software for design, production and project management often results in information duplication and silos. A unified environment enables organizations to spend less time transforming data manually or creating complex data integration rules to extract data from different systems and applications.

Fewer Errors by Working Concurrently

A unified environment is particularly helpful for complex projects as people securely work in parallel on different parts or sub-systems at the same time. This integrated collaborative approach helps avoid late-stage errors that can jeopardize schedules and budgets.

Better Project Visibility

A unified environment provides better visibility into each process or project with traceability of changes and decisions. The 3DEXPERIENCE platform helps stakeholders quickly assess the status of a project at any given time by combining all project information in a single integrated view.

Earlier Feedback from Customers

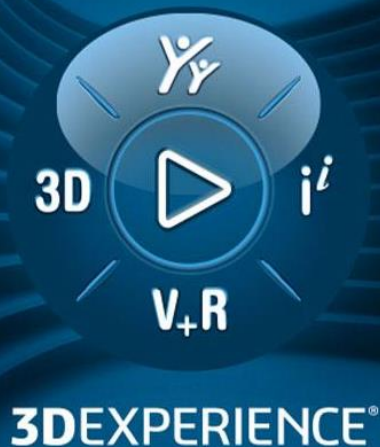
Working in a unified environment also extends to visibility into customer needs and feedback. By virtually simulating the build process, companies can show their customer an immersive 3D experience to get comments and feedback, making it easier to discover required adjustments early in the design phase.

ONE UNIFIED
ENVIRONMENT

BENEFITS

USE CASES

EXPERIENCE THE
POWER





ONE UNIFIED
ENVIRONMENT

BENEFITS

USE CASES

EXPERIENCE THE
POWER

USE CASES

1. Transition to a collaborative and integrated engineering approach.

The 3DEXPERIENCE platform:

- Shortens development time and lowers costs by reducing recursions in product development.
- Provides better understanding of the system as a whole due to holistic approach used.
- Streamlines collaboration as team members have access to the same complete flow of information.

2. Accelerate the development process.

The 3DEXPERIENCE platform:

- Delivers access to design and simulation applications in a single, unified environment.
- Helps accelerate development with robust design capabilities on one platform available from anywhere.
- Enables greater productivity gains as teams can work simultaneously on the same assembly group.
- Keeps development costs down by identifying potential manufacturing issues virtually in the 3D environment.



ONE UNIFIED
ENVIRONMENT

BENEFITS

USE CASES

EXPERIENCE THE
POWER

USE CASES

3. Improve design quality and manufacturability.

The 3DEXPERIENCE platform:

- Allows to manage development in real-time by combining design, manufacturing and project management from one unified environment.
- Helps avoid late-stage manufacturing errors that can jeopardize schedules.
- Reduces information silos by eliminating disparate software for design, production and project management.

4. Adapt to customers' expectations for frequent renewal of products, services and experiences.

The 3DEXPERIENCE platform:

- Accelerates product release to market.
- Delivers greater traceability of decisions and design changes.
- Improves coordination by enabling all teams to work in the same environment.
- Enables additional organizational flexibility and agility by providing faster information access to everyone.



EXPERIENCE THE POWER

The **3DEXPERIENCE** platform offers you the opportunity to improve virtually every aspect of your business by giving you the power to fully innovate. Supporting collaboration across the organization, the platform offers a single easy-to-use interface that powers design, simulation and manufacturing in an engaging, interactive environment.

ONE UNIFIED
ENVIRONMENT

BENEFITS

USE CASES

EXPERIENCE THE
POWER

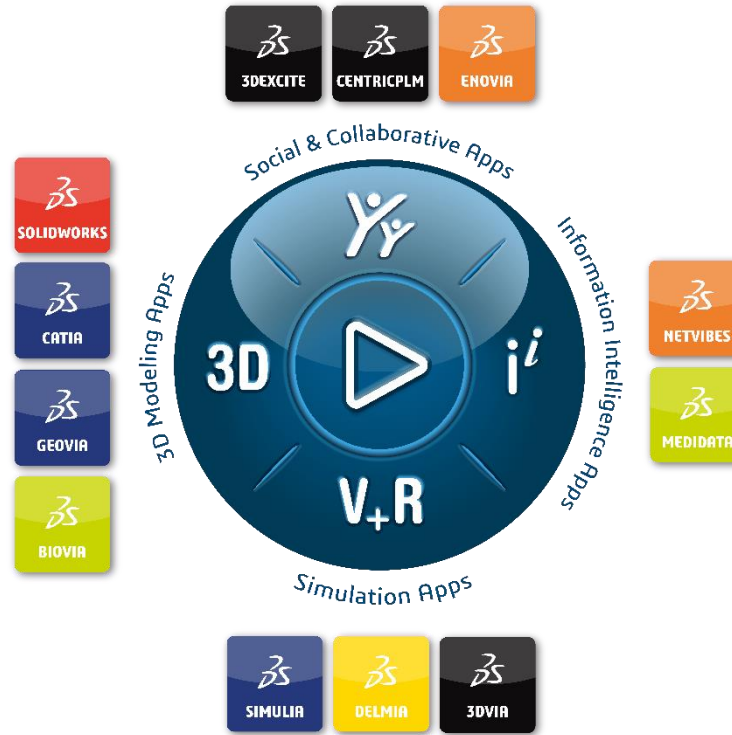
Learn about other companies that experience the power of the **3DEXPERIENCE** platform:

<https://www.3ds.com/customer-stories/>

Our **3DEXPERIENCE**® platform powers our brand applications, serving 11 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE** 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 **3DEXPERIENCE** 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.



©2021 Dassault Systèmes. All rights reserved. 3DEXPERIENCE, the 3DS logo, CATIA, BIOVIA, GEOVIA, SOLIDWORKS, 3DVA, ENOVIA, NETVIBES, MEDIDATA, CENTRICPLM, 3DEXCITE, SIMULIA, DELMIA, and 3DVIA are commercial trademarks or registered trademarks of Dassault Systèmes, a French "société européenne" (Versailles Commercial Register # B 322 306 440), or its subsidiaries in the United States and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes or its subsidiaries trademarks is subject to their express written approval.

ONE UNIFIED ENVIRONMENT

BENEFITS

USE CASES

EXPERIENCE THE POWER