3DEXPERIENCE®

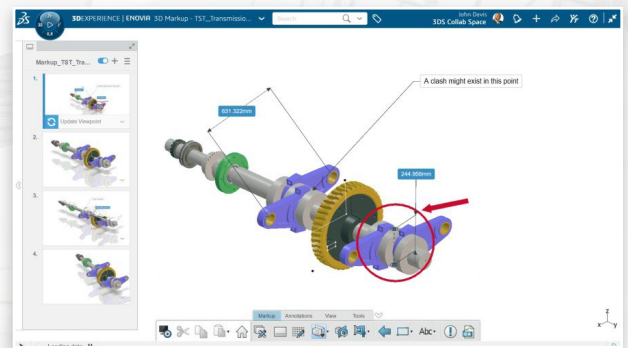**COMPUTER AIDED TECHNOLOGY**

3DEXPERIENCE CLOUD PDM
The Foundation of Future Product Development

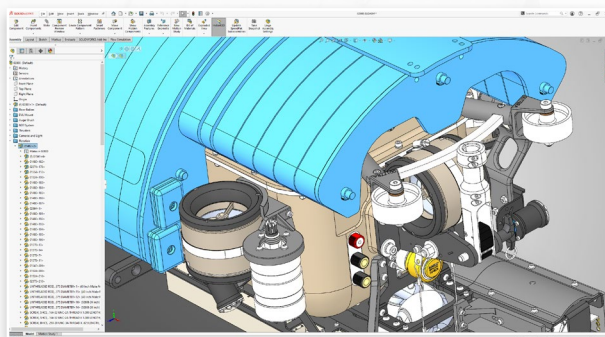Office 365, Google Workspace, Salesforce, HubSpot, Asana, NetSuite...

In 2022, the whole world is running critical business operations on the cloud – because it's incredibly effective. Now is the time for product development to join in on the benefits of cloud technology.

By transitioning to a cloud-based data management system like 3DEXPERIENCE, companies can **make their data simultaneously more accessible and more secure**. Project stakeholders can collaborate in real-time from a single source of truth. Teams can scale up their software and hardware capabilities virtually instantaneously.

Marking up a 3D model from a web browser.

WHY CHOOSE THE 3DEXPERIENCE CLOUD FOR PDM?

SOLIDWORKS is 3DEXPERIENCE CLOUD PDM-compatible.

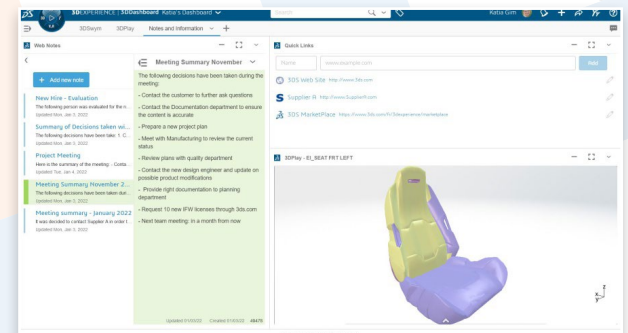### BENEFIT 1: SUPPORTS YOUR DESKTOP CAD TOOLS

Plugins for a variety of first- and third-party CAD software **automatically sync design data** to the 3DEXPERIENCE cloud and make it available for collaborative efforts and further downstream use (such as simulation and management processes). Supported CAD programs include:

- Altium Designer
- AutoCAD
- Allegro
- CATIA
- Creo Parametric
- DraftSight
- Inventor
- NX
- OrCAD
- Solid Edge
- SOLIDWORKS

BENEFIT 2: FLEXIBLE ACCESS TO REAL-TIME 3D DATA

Authorized users can access — and work on — real-time product data from anywhere with a **simple, secure web login** on any capable device.

PDM and PLM web apps feature 3D graphics, allowing for content review and markup without expensive workstations, full CAD licenses, or restrictive VPN logins. **Model-based task management** can be done from anywhere, with the **original, live product data integrated into communications**.

3DEXPERIENCE dashboard with meeting notes & 3D model.

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BENEFIT 3: HIGH-END, MANAGED DATA SECURITY

With 3DEXPERIENCE CLOUD PDM, **dedicated security experts safeguard your data 24/7**, on multiple levels, and in compliance with strict regulations and standards.
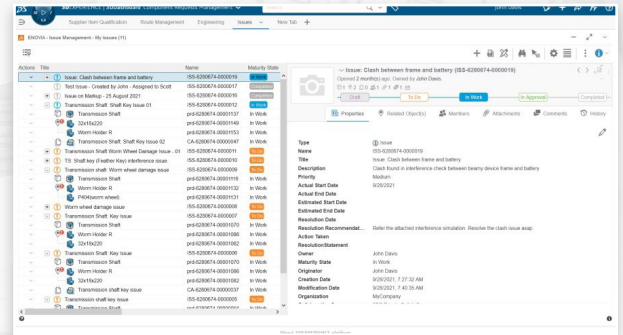
Moreover, the cloud software model also ensures client apps are **always up-to-date with the latest security patches** as threats evolve.

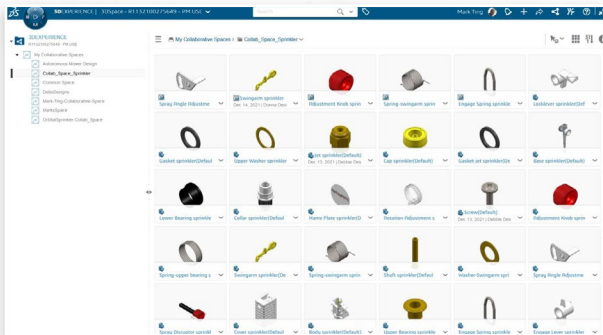**>> CATI Blog:** *Just How Secure IS Cloud PDM?*

BENEFIT 4: HUGE CLOUD COLLABORATIVE TOOLKIT

Each 3DEXPERIENCE CLOUD PDM user gets an **array of powerful collaborative tools** for data management, task management, communication, and more:

- **3DSwym:** Spark conversation and feedback and collect knowledge in public and private communities
- **Collaborative Tasks:** Create and manage tasks and collaborate with other team members
- **3DNotification:** Get instant update on content all in one place through notifications
- **Collaborative Lifecycle:** Collaboratively manage the lifecycle of an object
- **3DMarkup:** Clearly explain design concerns to team members in 3D
- **Issue Management & Issue 3D Review:** Submit, track, prioritize, and assign issues with quick resolution processes
- **Change Action:** Manage and trace change implementations
- **User Groups:** Create and manage group of users for effective collaboration
- **Route Management:** Instantiate and accomplish business activities with visual task routing
- **Compare:** Easily compare 3D content to understand differences
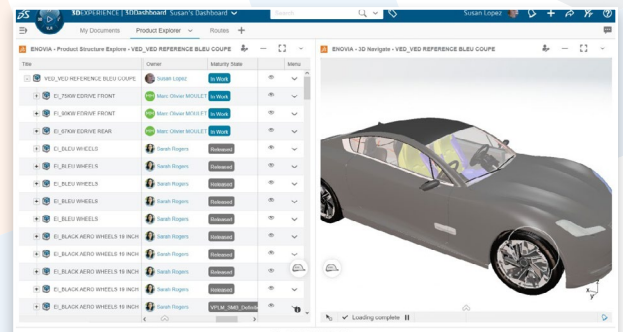

Tracking CAD tasks with Issue Management.

Models collected into a collaborative space for group work.

- **3DDrive:** Share any type of file with internal and external stakeholders
- **3DSpace:** Create and manage focused, collaborative spaces
- **Document Management:** Create, organize, and manage documents of all kinds
- **Bookmark Editor:** Build and share content repositories around business needs
- **IP Classify & Reuse:** Classify IP into Libraries and search by classification attributes

- **3DSearch:** Intelligent search capabilities and refine results using 6WTags
- **Relations:** Graphically navigate through complex data object relationships and paths
- **Product Explorer:** Navigate product structure and visualize in 3D with cross highlight support
- **3DPlay:** Intuitively and interactively view 3D models and 2D content in real time

Viewing the in-progress car assembly with Product Explorer.
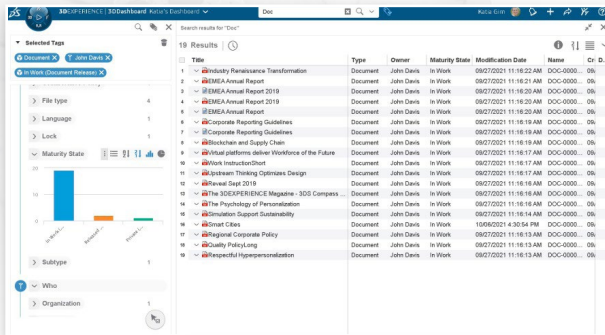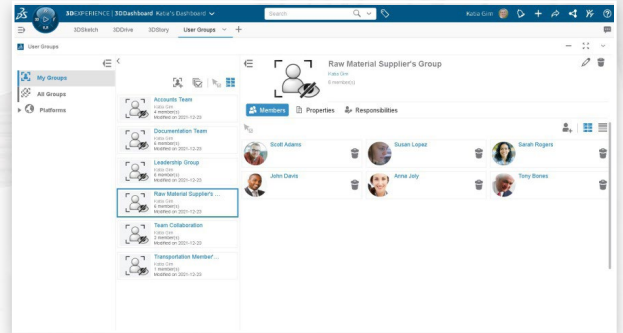
BENEFIT 5: SUPER-EFFICIENT HARDWARE RESOURCING

As a managed service, 3DEXPERIENCE CLOUD PDM saves on computing costs and IT workhours — no more purchasing, maintaining, housing, upgrading, and replacing of servers.

It also does away with scalability and sustainability issues related to PDM hardware — you will always have the right amount of computing resources for your needs. If and when you need more, it's a matter of buying another term license rather than planning a new and costly five-year investment.

BENEFIT 6: SIMPLIFIED PURCHASING

3DEXPERIENCE is an all-inclusive approach to purchasing business tools. By sourcing everything from CAD to manufacturing to management tools from one place — and with the infrastructure included as a service — you only have to work with a single vendor to put functional tools in employees' hands.

As an operational rather than capital expense, 3DEXPERIENCE is also much simpler to handle for all involved.

BENEFIT 7: SCALE AND IMPLEMENT IN AN INSTANT

Companies on the 3DEXPERIENCE Platform can scale up user counts and data storage on short notice thanks to the software-and-infrastructure-as-a-service approach, because the growth of a cloud PDM system doesn't require a new hardware purchase.

3DEXPERIENCE CLOUD PDM is the foundational data management system for the 3DEXPERIENCE Platform. It is the gateway to a unified product development environment for all users and product data. This unity means that when stakeholders adopt new 3DEXPERIENCE solutions (for example, advanced simulation or project management capabilities), their existing familiarity with the 3DEXPERIENCE user experience and interface reduces ramp-up time.

How do you learn 3dexperience?

3DEXPERIENCE is powerful and transformative software, so learning to make the most of it isn't trivial. Thankfully, Dassault Systèmes and CATI provide plenty of resources on the path to proficiency:

- *Official and custom-tailored classroom training*
- *Online training courses on the Learning Space*
- *CATI's quick-response technical support*
- *Extensive official documentation*
- *Dassault Systèmes Knowledge Base of supplemental materials, technical articles, and support tickets*
- *CATI simulation mentorship programs*
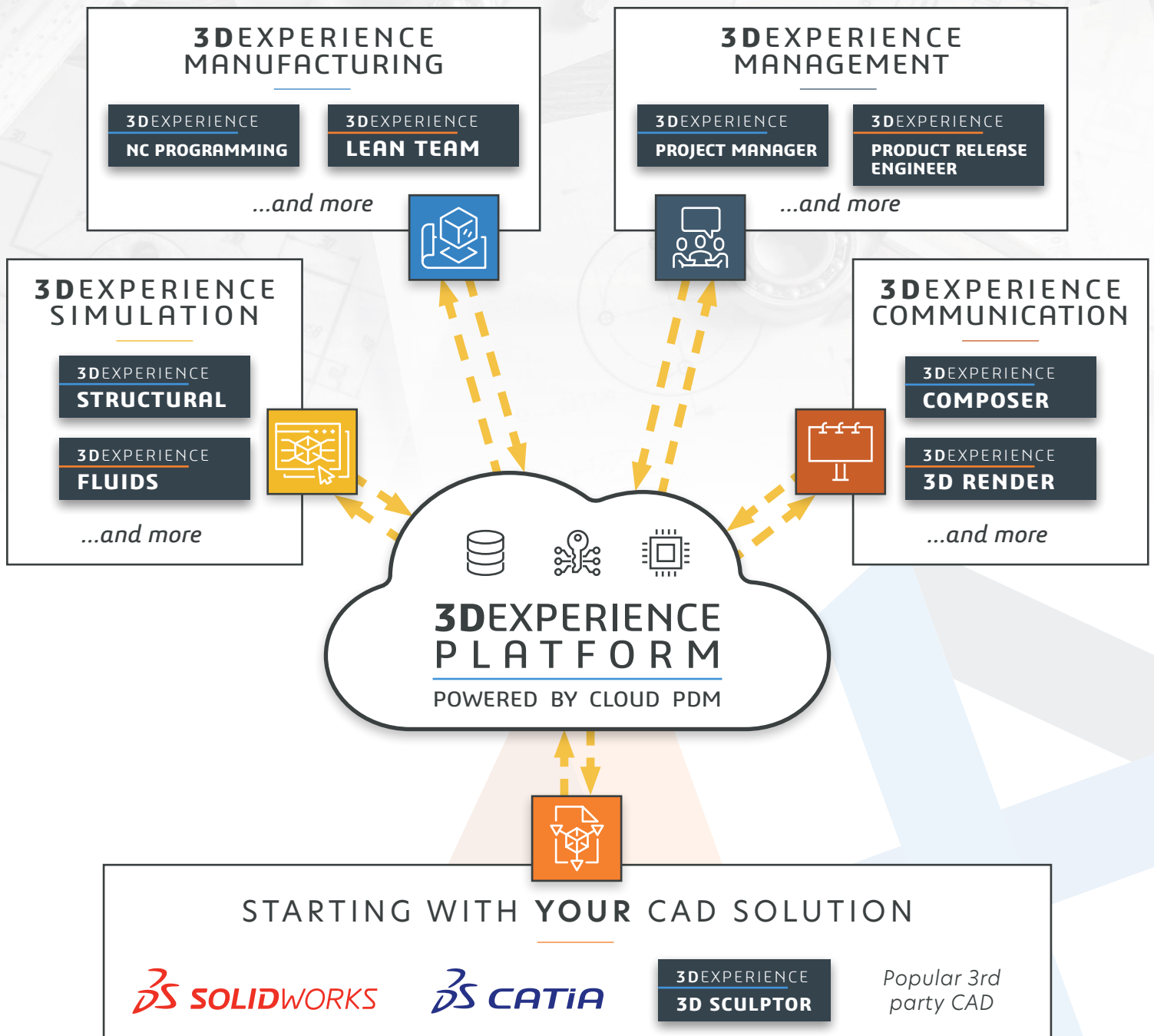- *CATI consultative methodology development*

WHAT IS 3DEXPERIENCE?

The **3DEXPERIENCE PLATFORM** is the **product development cloud platform from Dassault Systèmes**, makers of SOLIDWORKS, CATIA, and Abaqus. Software solutions on the platform, like **3DEXPERIENCE SIMULATION**, are **next-generation product development tools leveraging all the benefits of a cloud platform**, such as:

- **Realtime company-wide collaboration** on a single source of data
- **Translation-free native CAD access** for downstream tools
- **Hassle-free managed IT** and cloud computing
- **Near-instant scalability** of products and services

3DEXPERIENCE is not an abandonment of beloved legacy tools such as SOLIDWORKS, CATIA, Abaqus, and DELMIA. Many 3DEXPERIENCE software solutions are versions of, or based on these trusted technologies

Your CAD system and **3D**EXPERIENCE solutions on the **3D**EXPERIENCE PLATFORM represent **a whole new level of productivity that siloed departments, incompatible tools, and archaic file systems could never manage**.

3DEXPERIENCE MANUFACTURING

3DEXPERIENCE
NC PROGRAMMING

3DEXPERIENCE
LEAN TEAM

...and more

3DEXPERIENCE MANAGEMENT

3DEXPERIENCE
PROJECT MANAGER

3DEXPERIENCE
PRODUCT RELEASE ENGINEER

...and more

3DEXPERIENCE SIMULATION

3DEXPERIENCE
STRUCTURAL

3DEXPERIENCE
FLUIDS

...and more

3DEXPERIENCE COMMUNICATION

3DEXPERIENCE
COMPOSER

3DEXPERIENCE
3D RENDER

...and more

3DEXPERIENCE PLATFORM
POWERED BY CLOUD PDM

STARTING WITH **YOUR** CAD SOLUTION

ƷS SOLIDWORKS

ƷS CATIA

3DEXPERIENCE
3D SCULPTOR

Popular 3rd party CAD

THE CATI DIFFERENCE

WE'RE THE PDM & 3DEXPERIENCE EXPERTS

Computer Aided Technology (CATI) has been implementing solutions on the 3DEXPERIENCE Platform since 2012. **No one has more experience when it comes to 3DEXPERIENCE Platform solutions**, especially when it comes to implementing the Platform with SOLIDWORKS or CATIA.

We are also the PDM experts, offering SOLIDWORKS PDM and ENOVIA PLM implementations, migrations, training, custom environment development, and more.

Our long history serving product developers with both 3DEXPERIENCE software and PDM/PLM services makes us **the preeminent partner for adopting 3DEXPERIENCE CLOUD PDM**.

AUTHORIZED Reseller
3DS SOLIDWORKS

PLATINUM PARTNER
3DS DASSAULT SYSTEMES

CERTIFICATION **3DS DASSAULT SYSTEMES** 2021 CENTER

CERTIFIED **3DS DASSAULT SYSTEMES** 2021 EDUCATION PARTNER

NEXT STEPS

DEMOS, TRIALS, AND PROMOS

- Ready to see **3D**EXPERIENCE CLOUD PDM in action
- or try it out for yourself? Want to learn about active
- promos? **Contact us today.**

EMAIL A CATI REP

CALL (888) 308-2284

ASK A CATI EXPERT

- Got questions about 3DEXPERIENCE and PDM?
- We're ready to help you out. **Just ask us!**

EMAIL A CATI EXPERT

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