

Overview
and Offerings

3DEXPERIENCE Cloud Services for SOLIDWORKS

Connect to the cloud to store, manage and share
your SOLIDWORKS CAD data easier than ever before.

www.visiativ.nl

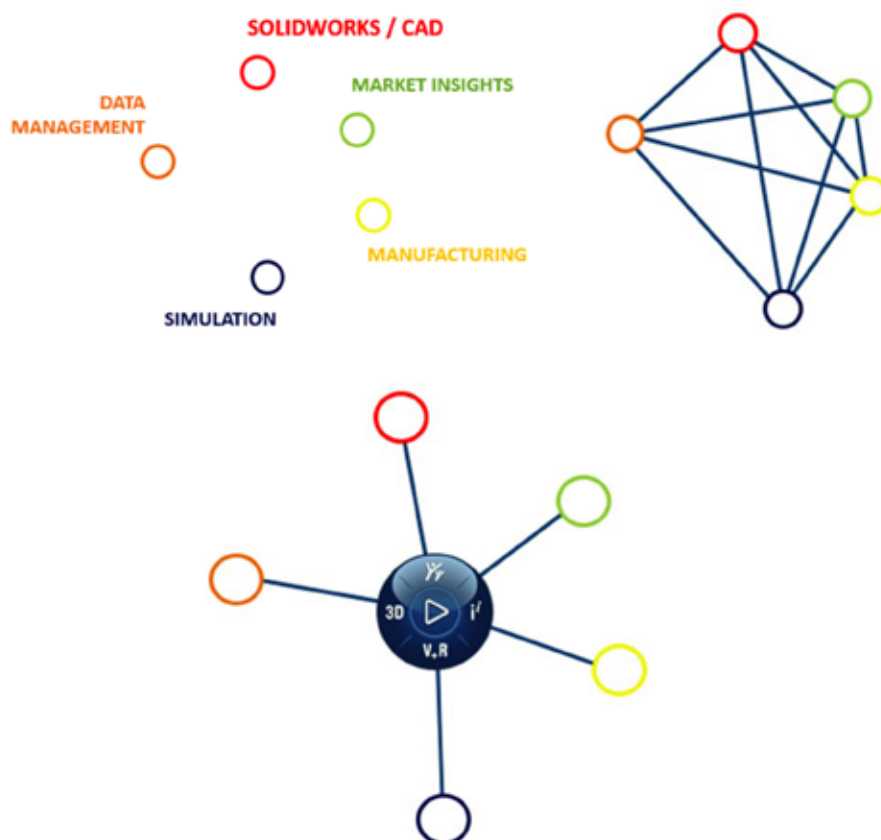
WHAT IS

THE 3DEXPERIENCE PLATFORM?

At its core, the 3DEXPERIENCE Platform is a cloud-connected collaborative environment, where **all teams and job roles can be unified in one system**, with one interface. 3DEXPERIENCE brings together often disparate aspects of product development and innovation, including design, simulation, manufacturing, and data management.

A PLACE WHERE PROJECT STAKEHOLDERS CAN WORK TOGETHER SEAMLESSLY AND EFFICIENTLY.

- Traditionally, users would stay in their own product stream – SOLIDWORKS users would usually use SOLIDWORKS products and not much else. However, **the Dassault Systèmes portfolio is a vast range of brands and products**. Instead of creating cross links between all products and domains to make them accessible by everyone, they've created a unified, central location: **the 3DEXPERIENCE Platform**.



No matter the domain or area of your work, the 3DEXPERIENCE Works portfolio combines the ease-of-use of SOLIDWORKS with best-of-breed applications connected to 3DEXPERIENCE.

KEY BENEFITS AND DOMAINS

At its core, 3DEXPERIENCE is a platform for CAD Data management where teams can store, collaborate on, and manage their CAD data using a cloud system.

It orchestrates the simple management and revision control of files for SOLIDWORKS users, directly from within the familiar interface, so they are **easily accessible by anyone that needs them, wherever they are.**

3DEXPERIENCE CLOUD SERVICES KEY BENEFITS:

- All project data can be stored and managed securely in the cloud, giving you the ability to share this with anyone as it can be easily accessible from anywhere and from any device.
- Central cloud storage location for all of your data. It's stored together in one location and managed in the same way, despite its native CAD format. Useful for SOLIDWORKS users with multiple legacy CAD systems.
- Can be used as an out of the box solution with no additional setup or customised to specific requirements.
- Engineers and designers can create and share designs quickly and easily, allowing key stakeholders to give feedback throughout the product development phase.
- Projects can be planned, developed in SOLIDWORKS and released seamlessly with the lifecycle solutions on 3DEXPERIENCE. Helping you to improve productivity, collaboration and innovation.



3DEXPERIENCE CLOUD SERVICES FOR SOLIDWORKS IMPLEMENTATION PROCESS

THE FIRST AND EASIEST STEP TO TAKING ADVANTAGE OF CLOUD SERVICES IS 'SHARE & MARKUP'.

1

Share your SOLIDWORKS designs with anyone, even non-CAD users and non-3DEXPERIENCE users. When you receive a share, all you need is a login and you can view and markup at zero cost, with no additional download, implementation, or training necessary.

SHARE AND MARKUP :

- Collaborate with other team members and external partners with no licences, in a secure and managed way.
- Annotate both 3D and 2D data.
- Send, receive and record feedback on shared data through comments.

THE NEXT STAGE IS 'STORE & REVISE'.

2

This provides you with robust cloud data management for your SOLIDWORKS files. Your CAD data will enter a revision controlled workflow on save to 3DEXPERIENCE, all from within a familiar interface.

STORE AND REVISE :

- A secure, cloud-based service that stores and controls engineering data such as SOLIDWORKS CAD parts/assemblies/drawings.
- Lock CAD files when working to avoid accidental overwrites.
- Easily view which files other team members are currently working on.
- Rename and move CAD files without file references being invalidated.
- Electronically manage items using Alphabetic/Numeric schemes.
- Retain and view previous revisions of items.
- Automate the assignment of Part Numbers (simple sequential serial number generation only).
- Store metadata and properties within items.
- Set 'Maturity' states on items for the approval/release process of CAD documents.
- Pass revision and approval information into CAD file properties.
- Automate the creation of other file formats from the CAD data when released.
- Manage projects and teams with automatic Tasks.
- Organise data with quick-access Bookmarks.

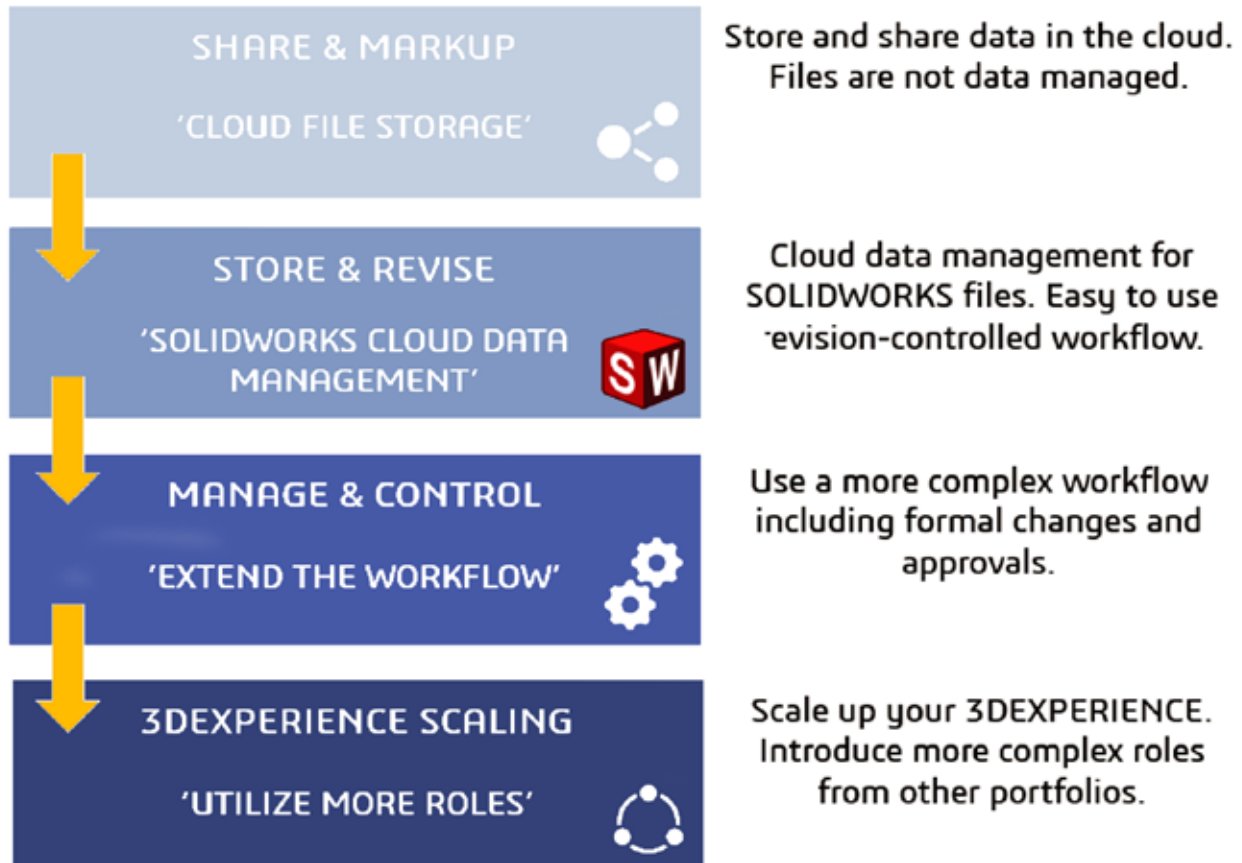
3DEXPERIENCE CLOUD SERVICES FOR SOLIDWORKS IMPLEMENTATION PROCESS

If you have more complex requirements, such as formal approval processes, you can **SEAMLESSLY PROGRESS TO 'MANAGE AND CONTROL' AND BEYOND**, with full access to a suite of tools to help you manage your data, work with formal change actions, project tasks, and more!

3

MANAGE AND CONTROL:

- View Product Structures and related 3D data in a web-based viewer without the need for any installation.
- Search for CAD data using metadata/properties.
- Search and View where a component is used in other assemblies and other related data.
- Markup CAD and non-CAD data.
- Log and track Issues and apply directly to CAD data.
- Manage complex Changes and Approvals to extend your workflow.



3DEXPERIENCE CLOUD SERVICES FOR SOLIDWORKS FEATURES

On-Cloud - A secure, cloud-based service, with no IT infrastructure required.

Web Access - Access to your data, anywhere on any device with an internet connection. Current information is immediately available across teams worldwide.

Secure Access - Protect your product design data with managed access for authorised users. In addition to internal users, you can permit access to partners, customers and your supply chain without the need for VPN.

External File Sharing - Collaborate with external partners with no licences, securely in a managed way. Send, receive and record feedback on shared data through comments.

Automatic Updates - Automatic and frequent updates mean your software is always up to date and means no ongoing upgrade costs or costly downtime.

Flexible - A number of flexible, named user licencing options to suit you. Licences include subscriptions and are available quarterly or yearly. Roles can be lapsed or added at any time.

Out of the Box - 3DEXPERIENCE can be used out of the box with no setup required. Easy to deploy – so fast to implement.

Revision Control - Avoid accidental overwrites and ensure the most up to date file are used. Make use of revisions, branching and merging.

Built for SOLIDWORKS Users - Simple Cloud Data Management for SOLIDWORKS files using a familiar interface. But can handle and store other native file types.

Integrated Search - Quickly search for documents and SOLIDWORKS files based on custom parameters. Make it easy to find & Reuse Design Data. For even greater productivity, you can predefine, save and share searches.

Audit Trail - Quickly access a full audit trail of product development activities with complex histories for all file types.

Multi-Document Web Previews - Dynamically preview and edit commonly used file types in a browser, on any device. Stay connected wherever you are.

Automated Neutral File Creation - Automatically create neutral file types from SOLIDWORKS documents.

Serial number generation - Configure serial number generators to automatically assign item numbers to data.

Comprehensive Data Organisation - Find, organise and share complex data structures for all file types. Share these across relevant teams.

Document management - A solution to drive compliance. Create and manage a robust controlled documentation workflow and storage structure. It also includes Office integration for ease of use.

SHARE & MARKUP	STORE & REVISE	MANAGE & CONTROL
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3DEXPERIENCE CLOUD SERVICES FOR SOLIDWORKS FEATURES

Tasks/Actions for Work Management - Use the Collaborative Tasks app to set activities and monitor progress to ensure your projects are completed on time.

Notifications - Receive web, email or notifications within SOLIDWORKS for a variety of different activities. Always keep up to date with your data.

Collaboration & Messaging - Streamline communication channels and eliminate external applications and emails. Keep information with the files it is relevant to or within specific communities.

View & Markup - Collaborate with stakeholders who don't have 3DEXPERIENCE or SOLIDWORKS using Share and Markup. Send a file for them to review, annotate and add comments before sending the information back for you to action.

Automated Approval Process - Utilise multiple managed processes and multi-stage approval workflows.

3D Markup - A formal product review application that allows even non-CAD users to annotate files and raise potential design issues and Change Requests.

Explore your Products - Cloud based BOM tools. View product structures in BOM format and interrogate specifications and related file relationships.

Scalability - Add additional functionality quickly and easily to grow as your organisation does.

Supports Multiple CAD Systems - Central cloud storage location for all data. It is stored together in one location and managed in the same way, despite its native CAD format. Useful for SOLIDWORKS users with multiple legacy CAD systems.

Project Management - Create a comprehensive project plan and connect your CAD data to it. Coordinate each part of the project plan such as Identifying and managing risks and creating timesheets.

BOM Management - Define, compare, manage and update MBOMs from 3D design data. The 3D data is always the most up to date version.

Manage Product Definitions - Improve productivity by allowing engineering responsibility for non-CAD team members to reduce engineering lead times. Use complex filters to drive product re-use and part numbering adoption.

Manufacture - Advanced CAM tools combined with cloud-based 3D machine programming solutions to manufacture correctly the first time.

SHARE & MARKUP	STORE & REVISE	MANAGE & CONTROL
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3DEXPERIENCE SCALING ROLES
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✓

3DEXPERIENCE CLOUD SERVICES SOFTWARE USER PROFILES

NON-CAD USER

- Does not have or need access to any CAD licences.
- Needs to access files in the data management system.

SOLIDWORKS CAD USER

SOLIDWORKS CONNECTOR (UES):

- Uses SOLIDWORKS Serial Number licence with machine based activation. Note: 3DEXPERIENCE is 3 years backwards supported for SOLIDWORKS Desktop versions.
- Needs to save and access files in the data management system

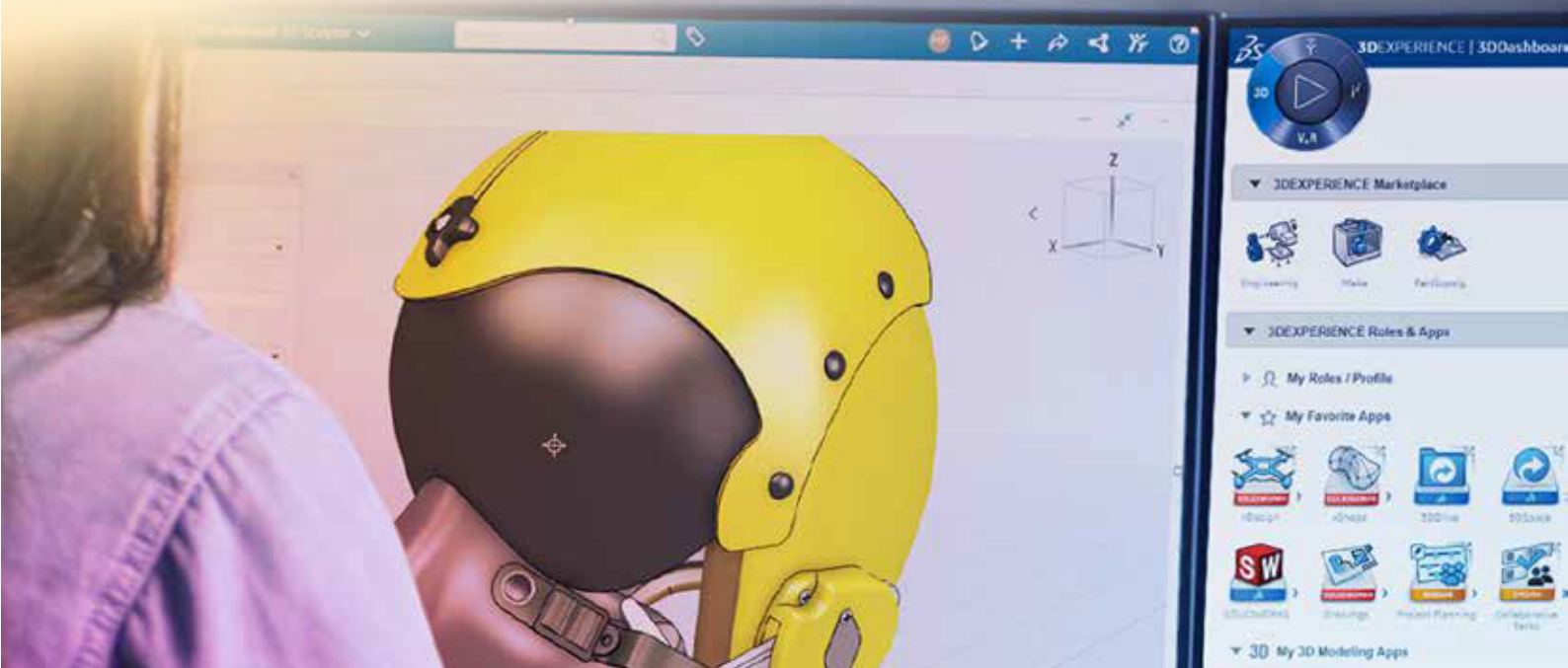
SOLIDWORKS CAD USER

3DEXPERIENCE SOLIDWORKS PRODUCT:

- Uses 3DEXPERIENCE SOLIDWORKS with named user activation. Note: 3DEXPERIENCE SOLIDWORKS is always up to date on the latest version.
- Needs to save and access files in the data management system.

ADDITIONAL ROLES AND CAPABILITY:

- 3DEXPERIENCE offers a scalable solution for your business. Additional roles with additional capability are available to purchase. Requirements can be discussed with your account manager.



IMPLEMENTATION & SOFTWARE OPTIONS

3DEXPERIENCE CLOUD SERVICES: **STORE & REVISE** – IMPLEMENTATION OPTIONS

► PLATFORM FUNDAMENTALS FOR 3DEXPERIENCE & SOLIDWORKS		LENGTH
- Standard user training course only (remote). - Default setup, no customisation. - For users who want to use 3DEXPERIENCE to store their SOLIDWORKS files in a simple revision controlled workflow.		1 Day
Note: This Standard offering does not include any Data Migration. All offerings are subject to scoping.		
► SOLIDWORKS & 3DEXPERIENCE CONSULTANCY STANDARD		LENGTH
- Standard setup with a standard level of customisation. - For users who want to use 3DEXPERIENCE to store their SOLIDWORKS files in a simple revision controlled workflow, with some tenant customisation. <i>Starting Out</i> assessment to assess your companies requirements. - Invite users to the system (max x5) & create User Groups (max 2). - Edit default system options. - Create 1x standard Dashboard. - Create 1x Collaborative Space. - Modify default revision scheme to requirements. - Modify file naming rules (CAD Family, Physical Product, Drawing files). - Create 1 set of SOLIDWORKS File Templates compatible with 3DEXPERIENCE and save to Collaborative Space (1x .sldprt, 1x .sldasm, 1x .slddrw). Optional - create and link additional attributes to SOLIDWORKS Custom Properties (CAD Family max x3, Physical Product max x3, Drawing, max x3). 3DEXPERIENCE Consultancy Aftercare included for additional guidance and support.		3 Days
RECOMMENDED EXTRAS:		
Additional administrator training - 3DEXPERIENCE Admin Professional for 3DEXPERIENCE & SOLIDWORKS: understand, edit and manage a 3DEXPERIENCE tenant and platform configuration. Includes 0.5 day 3DEXPERIENCE Aftercare.		1 Day
	TOTAL	5 Days

Note: This Standard offering does not include any Data Migration. All offerings are subject to scoping.

Sharing is growing