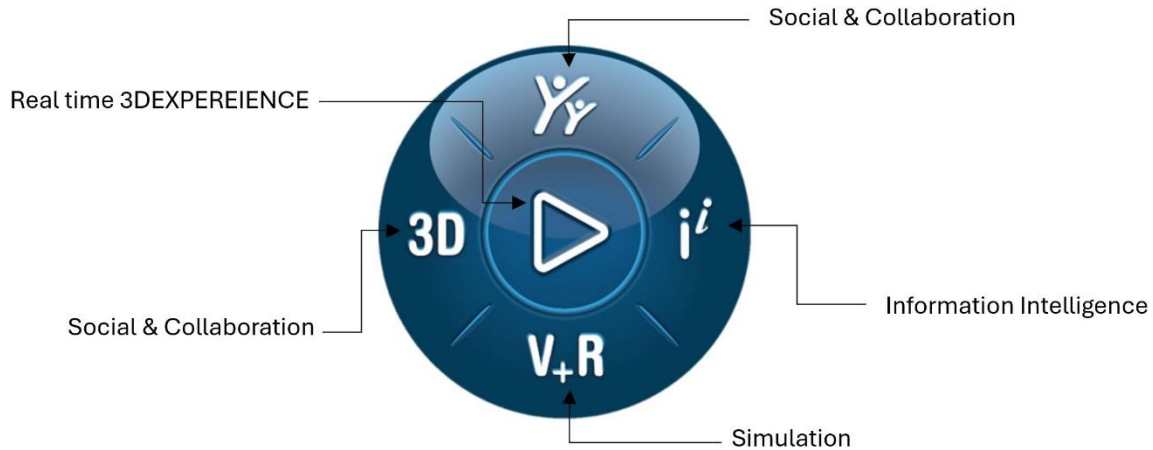


## BEACON Newsletter - April 2024

### 3DEXPERIENCE Platform: Collaborate, Innovate & Empower



Innovation is the key to tackle the massive challenges that we face today and to achieve the goals and ambitions we set for ourselves. The 3DEXPERIENCE platform is one such innovation that is offered by the Dassault Systems. The 3DEXPERIENCE platform is an on-cloud business platform for collaboration, data management and product lifecycle platform. It provides an innovative way for all the members in an organization, from factors workers to stakeholders, to contribute towards the development of a product. The 3DEXPERIENCE platform connects our very own SOLIDWORKS to the Cloud Collaboration Platform, offering industry leading 3D Design with enhanced design collaboration and mobility. The 3DEXPERIENCE Platform offers several advantages in terms of ease of use, maintenance, and security:



COLLABORATION



PRODUCTIVITY



SPEED



AGILITY



VISIBILITY

1. **Collaboration:** With the 3DEXPERIENCE platform collaboration capabilities, one can connect and contribute to the project from anywhere in the world. It enables all the departments of the company to work together and provide feedback, all in real time which increases the efficiency of work and helps to reduce design time.
2. **Data Management:** 3DEXPERIENCE platform comes with built-in data management capabilities. It is specially designed to understand and maintain complex CAD data with all its references and structure. It also provides users with the ability to track revisions and collaborate on designs without the risk of data corruption or duplication.
3. **Licensing:** 3DEXPERIENCE platform comes with named user-based licensing. The user can login and use the platform on any internet enabled device. The admin has the control to decide which user gets access to which license depending on the role performed by them in the company.
4. **Reduced IT Overheads:** 3DEXPERIENCE Platform servers are maintained Dassault Systems so, you do not need to worry about configuring or maintaining servers, which reduces IT overhead. This means organizations can focus their resources on other critical aspects of their business without the hassle of managing server infrastructure.
5. **Automatic Software Upgrades:** Manual software upgrades can be time-consuming and disruptive. With the 3DEXPERIENCE Platform, software upgrades are automated, eliminating the need for manual deployment. This ensures that users always have access to the latest features and improvements without the hassle of manual intervention.
6. **Data Security:** The platform comes with five layers of security that are: Physical, Virtual system, In-cloud, Application and Internet. Thus, provides a secure environment for storing design data, ensuring confidentiality, integrity, and availability. This is essential for protecting sensitive data. Moreover, access rights can be maintained for all the members of the platform, so right people can access the necessary data while maintaining security and confidentiality.
7. **Accessibility:** Any device can be used to access the platform, all that is required is an internet connection, allowing users to log in and work on their design projects from anywhere. This ensures that teams can stay productive even when they are on the go or working from remote locations.

8. **SAML Integration:** Login into the 3DEXPERIENCE platform is through the 3DPassport which can be integrated with SAML protocol. With this you can centralize user authentication and access-control policies, ensuring security across your systems and company.
9. **Scalability:** The 3DEXPERIENCE platform caters industries of all scale right from startup to large enterprise. With the license flexibility offering of the platform, you can add new license as an when required without significant changes.



Thus, with the 3DEXPERIENCE platform every member of the company is always updated with the latest data and innovation that is going on in the company. Everyone can collaborate and provide feedback, increasing speed and productivity. Data on the platform can be easily handled and access rights can be controlled. The platform also provides capabilities for design validation with the help of various roles of simulation. Thus, with the ever-building portfolio of the 3DEXPERIENCE platform, one can decrease the time required for designing by a considerable amount and work towards getting the product right the first time.

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