



3DEXPERIENCE

INDUSTRIAL EQUIPMENT **EQUIPMENT INTELLIGENCE**

Efficient decision-making based on
real-time analytics



TRANSFORMING KNOWLEDGE INTO ACTIONABLE INSIGHTS

In today's digitally-connected workplace, where a barrage of data can overwhelm industrial equipment organizations and create confusion and inefficiencies, the key to boosting operational performance lies with improving access to and analysis of this wealth of information.

The Equipment Intelligence **3DEXPERIENCE**® solution provides companies with a real-time understanding of the status of an equipment project in order to better communicate within their ecosystem and make more informed decisions. This will also mitigate bottlenecks that can hinder project advancement and prevent them from achieving their business goals.



The Equipment Intelligence **3DEXPERIENCE**® solution provides users with quick and efficient access to up-to-date and trustworthy data from multiple, heterogeneous sources including data generated by equipment. Thanks to Dassault Systèmes' analytics technology that uses business logic analysis of complex product structures and data models, pertinent engineering information is revealed, measured, analyzed and displayed in user-customized dashboards. Companies can efficiently manage changes, track issues, and effectively reuse existing knowledge made more accessible to accelerate innovation, thereby creating new business opportunities that will propel their organizations to the next level.

REAL-TIME PROJECT STATUS ACCELERATES TIME TO MARKET

Executives need to measure progress and make assessments in order to ensure projects align with business goals. The ability to detect errors early and quickly take corrective action helps ensure equipment complies with requirements and that the right tasks are performed by the right people at the right time.

Equipment Intelligence can be personalized to display the key information executives need to make informed decisions. The solution comprises a powerful and highly-intuitive search engine that provides users with actionable insight into each stage of the product lifecycle, allowing them to make evaluations based on real facts, not estimations. These insights can include product KPI intelligence such as gap-to-target analysis, as well as change and issue intelligence that accelerate companies' time-to-market.

With **Equipment Intelligence's** strong semantic capabilities, structured and unstructured data is automatically analyzed, normalized and categorized into a unified information resource that can be distributed, accessed and displayed with unprecedented speed.

ACCURATE, IN-CONTEXT BUSINESS INFORMATION IMPROVES EXECUTION

At the part (analysis of materials, weight, color, and other characteristics) and product (configuration, requirements) levels, to project planning, engineering, operations, and maintenance, executives need in-context analyses and KPIs to improve project execution or equipment uptime. The more meaningful the information, the earlier they can solve issues that can delay startup or delivery.

Equipment Intelligence traverses dynamic relationships between different types of information and puts it all in perspective. This goes beyond the capabilities of business intelligence, making it possible to interpret critical data to comprehensively monitor, understand and streamline equipment development. For example, engineers can see how equipment defect occurrences per severity evolve over time. The **3DEXPERIENCE** platform facilitates 360-degree collaboration between organizations inside and outside the enterprise for a smoother and more agile execution.

CONNECTED AND UNIFIED ECOSYSTEM ACCELERATES INNOVATION

Business success is only possible if teams have time to innovate instead of wasting it looking for information. The wealth of knowledge that exists in a company is of no use if it remains buried in information silos and requires manual search operations that monopolize users' time and undoubtedly fail to be exhaustive and up-to-date.

With **Equipment Intelligence**, companies can eliminate legacy tools and systems that prevent them from deriving the most benefit from their information system. In effect, all users in the extended ecosystem have a unique point of access to a single source of trusted information, promoting more efficient collaboration. In this way, they focus more on innovation and releasing new equipment to market faster than the competition.

For more information, please visit : www.3ds.com/industries/industrial-equipment/

KEY CAPABILITIES & BENEFITS

- Improve decision-making with contextual and accurate equipment engineering project information in real time
- Boost product quality throughout its lifecycle by revealing issues and enabling the appropriate corrective action
- Improve collaboration and accelerate time-to-market through a unified view of heterogeneous and legacy systems

Our **3DEXPERIENCE**® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the **3DEXPERIENCE**® 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 210,000 customers of all sizes in all industries in more than 140 countries. For more information, visit www.3ds.com.

