

INDUSTRIAL EQUIPMENT

INTEGRATED HEAVY MACHINERY DELIVER SUSTAINABLE FIELD INTEGRATED SOLUTIONS



CONNECTING THE WAY LARGE MACHINES WORK TOGETHER

For heavy machinery manufacturers the global trend is to deliver a complete range of integrated machines designed to work together to maximize field operations efficiency.

The heavy machinery sector is dealing with strong challenges to produce smarter, regulations-compliant and safe machines. Among them, sustainable and digital transformations are at the heart of the market's expectations, as well as innovations in many new technologies.

With Dassault Systèmes' Integrated Heavy Machinery solution machine manufacturers are experiencing true digital continuity with a single source of truth and real time collaboration. This allows them to simplify operations and spend more time on what they do best: develop breakthrough technologies for unprecedented innovations, design and manufacture best in class machines.

Digital transformation enables the heavy machinery sector to transform into sustainable field integrated solution providers. Machine manufacturers look for new approaches and even new business models to evolve toward a more sustainable industry.

Digital and sustainable transformations are thus bound together, and the **3DEXPERIENCE®** platform helps heavy machinery companies create **new sustainable and connected experiences for ever-evolving customer and consumer requirements**.

Integrated Heavy Machinery is a game changer because it allows machine manufacturers to connect the dots between portfolio definition, product engineering, marketing, manufacturing execution and servicing. Based on the **3DEXPERIENCE** platform, this solution offers true collaboration between many stakeholders and machines.

Sustainability as a strategy

Deliver a development dimension. With the rise of urbanization, to respect strict emission regulations and to achieve lower fuel emissions, manufacturers need to work towards new energy equipment.

New technologies, new market, new usage

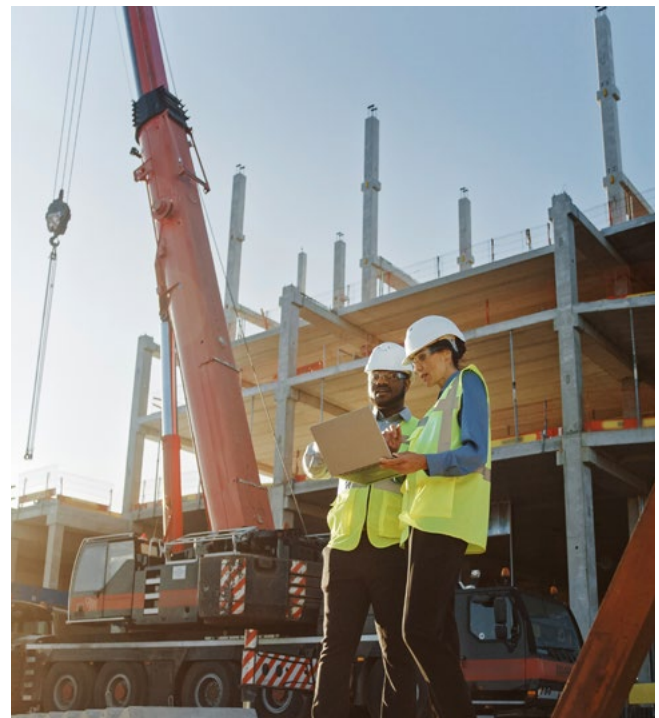
Innovation in new technology is enabling to target new markets and new users for equipment manufacturers like additional service offering to develop machine in operation business. This need to adapt development process to new scope (machine in operation) new domain (connected machine and software).

Cost and time reduction

Reduce product development and validation costs in order to increase the innovation pace and stay competitive. Also reduce the time to market in order to introduce new products earlier.

Unquestioned product quality

Increase brand reputation, develop and maintain market share while differentiating your product offering to gain a competitive advantage and increase company revenue.



KEY BENEFITS

- Increase innovations for new sustainable solutions and services
- Track compliance with ever-changing regulations and increase machine safety
- Maintain machine reliability while reducing the overall TCO
- Lead the development of new autonomous equipment and deliver sustainable field integrated solutions

Integrated Heavy Machinery is available On Premise and On Cloud, both providing the ease of use and power of the **3DEXPERIENCE** platform.

For more information, please visit ifve.3ds.com/industrial-equipment/integrated-heavy-machinery

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.

