



**3DEXPERIENCE**®

## INDUSTRIAL EQUIPMENT **READY TO MAKE**

Plan, Define and Execute operations to manufacture  
any product anywhere with agility



### **SYNCHRONIZE YOUR PRODUCTION SITES WORLDWIDE FOR MORE EFFICIENCY AND FLEXIBILITY**

Expanding manufacturing companies need to synchronize their production sites on a global scale to be more efficient and to ensure consistent product quality. The Fourth Industrial Revolution has ushered in a new era of smart manufacturing that offers companies new global economies of scale and business sustainability.

Ready to Make is a Dassault Systèmes Industry Solution Experience that delivers comprehensive planning, Manufacturing Operations Management, and continuous improvement solutions to help Industrial Equipment companies meet local and global manufacturing challenges. With a unique collaborative business platform, you can efficiently plan and drive production across your entire ecosystem with full traceability and share and reuse best practices across sites. Ready to Make, allows you to efficiently respond to fluctuating market demands with a large and diversified product offering.

## OPTIMIZED PLANNING

Streamlined forecasting, planning and scheduling is essential to drive manufacturing profitability and relies heavily upon the coordination and visibility of processes, parts and resources of your business and supply chain.

**Ready to Make** globally synchronizes sales, operations, plant production, distribution and workforce in a detailed single global platform for optimized demand and supply planning and scheduling. Production planning helps increase throughput, reduce inventory and lead times, and improve customer service across the supply chain. Forecasting and what-if scenario capabilities support fast and confident decision-making during the entire planning process.

## ORDER OF ONE FLEXIBILITY

Meeting market requirements for customized, on demand products and services is a challenge that all Industrial Equipment companies need to solve in order to be competitive. But delivering a one of a kind product is complex and costly for businesses that have multiple manufacturing models.

They need order of one manufacturing capabilities on these same production lines without additional costs and delays.

**Ready to Make** enables order of one manufacturing capabilities on multiple production lines across your locations. You can precisely and consistently manage all operational elements with real-time visibility to support customer-specific and series combinations without additional costs and delays. The flexibility to go from one product design to another other enables you to make better use of resources and to analyze and improve performance on a global and local scale.

## AGILE MANUFACTURING

Multiple production sites enhance your ability to deliver more products globally. To be efficient and profitable, your business needs to be well-coordinated and synchronized to effectively utilize each location to manufacture any product, anywhere.

**Ready to Make** optimizes your production worldwide with the flexibility and agility to respond efficiently and quickly to changing market needs or supply chain disruption. Coordinate delivery and availability of materials across all sites and track operations throughout production to create a balanced workload between sites.

Equipment effectiveness is increased as materials are made available when and where needed. This reduces machine idle time and inventory costs while increasing production throughput. Unified cross-collaboration optimizes production flows and inventory while maximizing work orders and delivery performance.

## REAL-TIME DIGITAL ACCURACY

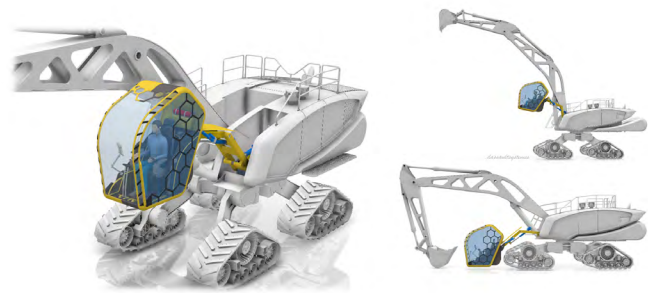
Providing manufacturing sites around the world with production instructions and drawings is essential for a smooth operation. Yet paper-based documents are often lost or outdated leading to errors, misunderstandings and costly recovery procedures.

**Ready to Make** is based on a 100% digital approach that allows you to transition to paperless manufacturing for improved quality at a lower cost. This digital documentation links work instructions to the most recent designs and delivers them electronically to each location. It is fast and easy to distribute, cost-effective and helps improve product quality. Digitally drive your production with better traceability and accurate logistics data to help reduce errors and increase overall efficiency in current or newly acquired plants.

## CONTINUOUS IMPROVEMENT OF GLOBAL OPERATIONS

As global entities, Industrial Equipment companies must make sure all their worldwide data is analyzed and improvements implemented at every site. **Ready to Make** helps reinforce corporate unity because all global manufacturing operations information is stored in the **3DEXPERIENCE®** platform.

**Ready to Make's** built-in manufacturing analytics and reporting features deliver a real-time view of operational performance on a global scale. Knowledge ware and social networking features enable stakeholders to engage in social production by exchanging best practices and methods through communities.



### KEY BENEFITS

- Increase forecast accuracy and sales revenue
- Increase on-time delivery
- Reduction of non quality costs
- Increase manufacturing engineering efficiency
- Efficiently manage "order of one" manufacturing
- Reported inventory reductions of more than 25%
- Reported equipment effectiveness of more than 22% and production throughput gains of more than 25%
- Drive continuous improvement and best practice deployment on a global scale

## 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. vits 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 190,000 customers of all sizes in all industries in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com).

