

# IMPROVING THE MANUFACTURING & OPERATIONS EXPERIENCE

How DELMIA Solutions drive resiliency, sustainability & profitability



Powered by the 3DEXPERIENCE® platform, DELMIA delivers solutions to address the most challenging situations manufacturers experience today. We connect the virtual and real worlds to empower our customers worldwide to collaborate, model, optimize, and execute supply chains, manufacturing, logistics, and service to achieve strategic business results.

## THE RIGHT SOLUTIONS TO ADDRESS KEY CHALLENGES IN MANUFACTURING AND OPERATIONS

At DELMIA, we believe the virtual world improves the real world of manufacturing. We deliver solutions that help businesses become more sustainable, innovative, safe, and profitable to produce and deliver products and services that resonate with their customers. Our solutions equip manufacturers with new intelligence and decision-making to achieve their objectives of developing sustainability, efficiency, and profitability across their supply chain. As a result, they deliver customer experiences that support brand loyalty and repeat business.

DELMIA provides the technology for innovation in manufacturing and supply chain processes and empowers manufacturers to bring the digital transformation needed to revolutionize their business. In essence, DELMIA enables manufacturing and supply chain companies to address the intersection between product design and customer satisfaction, playing a vital role in Product Lifecycle Management:



DELMIA is part of Dassault Systèmes, the **3DEXPERIENCE**® Company. Dassault Systèmes is a catalyst for human progress, providing businesses and people with collaborative 3D virtual environments to imagine sustainable innovations. Our customers push the boundaries of innovation, learning, and production by creating 'virtual twin experiences' of the real world with our **3DEXPERIENCE**® platform and applications.

Our solutions leverage a collective expertise of applications — **3DEXPERIENCE**® **DELMIA**, **DELMIA Quintiq**, **DELMIA Ortems**, **DELMIA Apriso**, and **DELMIA Augmented Experience** powered by Diota—to provide companies with an end-to-end solution that can be easily integrated with their existing systems and processes and configured to drive the best possible results.

- ✓ 9 of 10 world's largest aircraft manufacturers
- ✓ 85% of the world's battery cell production
- ✓ 8 of 10 top global automotive OEMs
- ✓ 80% of rolled aluminum products worldwide
- ✓ 3 of 5 top global cosmetics companies
- ✓ 2 of 3 world's top orthopedic suppliers



## DELMIA DOMAINS, DISCIPLINES AND REAL BUSINESS VALUE

### Collaborate

#### Collaborative Operations

- Lean Manufacturing
- Operations Information Intelligence

#### Operations Optimization

- Sales & Operations Planning
- Master Planning
- Scheduling
- Workforce Planning
- Logistics Planning

### Optimize

### Model

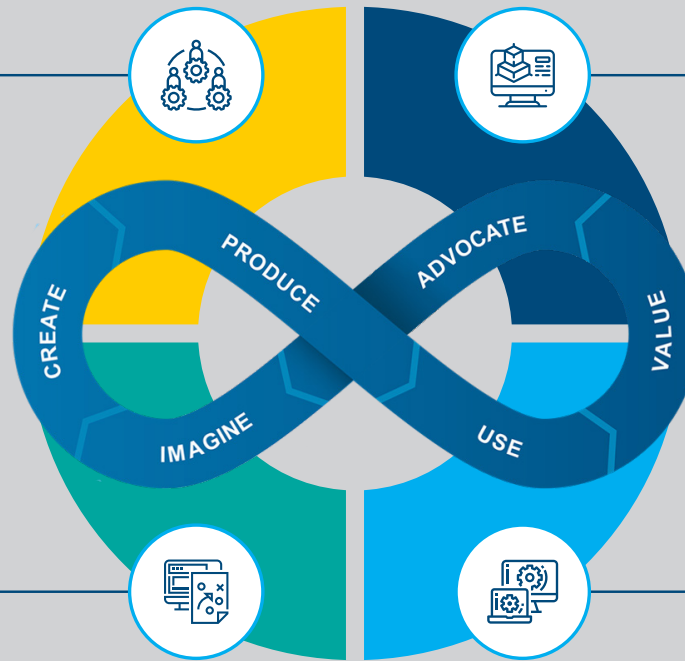
#### Operations Engineering

- Process Engineering
- Virtual Factory
- Ergonomics
- Fabrication
- Robotics

#### Operations Management

- Production
- Quality
- Warehouse & Inventory
- Maintenance & Field Operations
- Augmented Reality

### Perform



- 1 Collaborate** and coordinate across departments, facilities and job disciplines to ensure everyone is working towards the same goal.

**Improve situational awareness**  
**5x - 40x**

**Accelerate decision making**  
**10% - 200%**

**Capture knowledge and share know-how**  
**30x - 100x**

- 2 Model** the supply chain, factory, machines or workflow through the virtual twin experience; simulate and compare scenarios to make the best decisions supported by data.

**Reduce product introduction lead time**  
**5% - 85%**

**Available to promise**  
**15% - 50%**

**Improve cycle time**  
**>20%**

- 3 Optimize** operational efficiency across all processes to maximize overall performance and achieve all KPIs simultaneously, including business and sustainability goals.

**Improve customer satisfaction**  
**5% - 40%**

**On-time delivery**  
**15% - 200%**

**Reduce downtime and waste**  
**5% - 30%**

- 4 Perform** in flawless synchronization with upstream and downstream events and react to real-world disruptions with agility to ensure business continuity.

**Improve operational efficiency**  
**5% - 60%**

**Reduce costs from inventory and non-quality**  
**10% - 400%**

**On-time delivery**  
**>50 points**

### BUILD THE FOUNDATIONS FOR FUTURE OPERATIONS TODAY

Dassault Systèmes' DELMIA, powered by the 3DEXPERIENCE® platform, delivers solutions to industries and service providers to transform their manufacturing operations and orchestrate their entire value network. It enables users to innovate, make the best decisions and conduct business in new ways to create more value. With a single, easy-to-use interface, it is the foundation for experiences that incorporate 3D modeling analysis, simulation, optimization, information intelligence and operational execution software in a collaborative, interactive environment.

**Discover how DELMIA can create value for your organization today. Get in touch with our experts to learn more.**

<https://www.3ds.com/products/delmia>

## DELMIA USER COMMUNITIES

**GLOBAL OPERATIONS**

**ERGONOMICS**

**COLLABORATIVE LEAN OPERATIONS**

**FABRICATION**

**VIRTUAL FACTORY & ROBOTICS**

**PLANNING & OPTIMIZATION**

**MANUFACTURING OPERATIONS MANAGEMENT**

**PROCESS ENGINEERING**

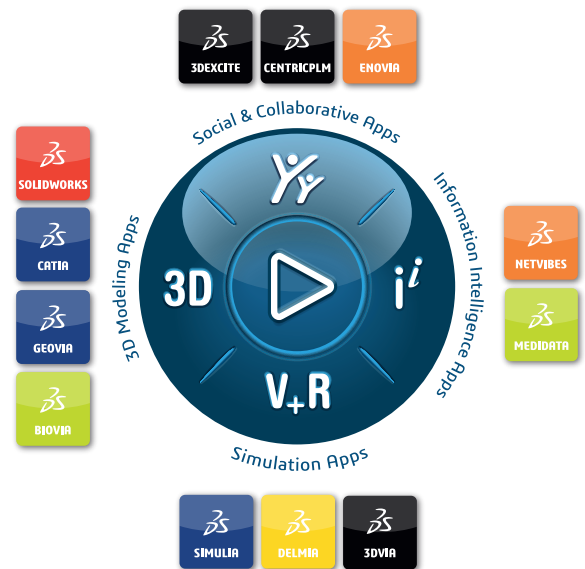
Learn more about DELMIA and the different disciplines where it creates value by joining the DELMIA User Communities. Gain valuable information on your DELMIA solutions, connect with other users and stay up to date with all the latest events and DELMIA news.

<http://www.3ds.com/products-services/delmia/communities/>

### Our 3DEXPERIENCE® platform powers our brand applications, serving 12 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](http://www.3ds.com).



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