









Florian KRAUSE

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DELMIA MAKE IT HAPPEN

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AGENDA

About DELMIA

The Power of the Virtual Twin Experience – Beyond Digital Twin

The Virtual Twin Experience in Action

DELMIA Domains

DELMIA Capabilities Summary

Key Considerations and the Way Forward



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ABOUT DELMIA

2,500 Passionate Customers

with **1.5M** users from **11** industries From suppliers, manufacturers, logistics and transportation providers, to service operators and workforces Across discrete, batch, hybrid, and process manufacturing and services

Enabling Sustainable Innovation with the Virtual Twin Experience

Empowering the workforce of the future Transforming supply chains to value networks Building resiliency for future-proofing operations



Global Sustainable Operations

- Collaborative Operations with Data Sciences
- Industrial Engineering
- Supply Chain Planning & Optimization
- Manufacturing & Operations

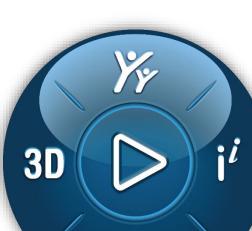
3DEXPERIENCE Platform

Powered by the **3D**EXPERIENCE® platform, DELMIA helps industries and service to **Collaborate, Model, Optimize**, and **Perform** through integrated decision support and real world data evidence

Connecting the Virtual & Real

Providing solutions to leverage the virtual world of modeling, optimization and simulation with the real world of operations with an actionable virtual twin experience.





V₊R

DELMIA EQUITY

Producers of Goods and Services

WHAT MAKE it happen



HOW

Powered by the **3D**EXPERIENCE platform Replicable and industry-relevant (apps, services, content) Magic user Experience | Online & Mobile Power of communities

KEY EQUITY ELEMENTS

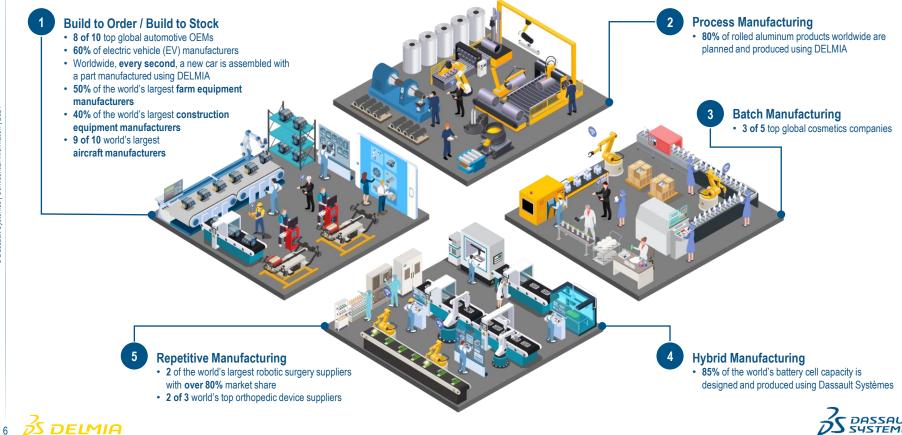
Ś DELMIA

Our spirit : IFWE Our focus : From documentation to Experience Our character : Game Changers Our Key visual/navigation : the Compass Our User Experience : Magic | Irresistible | Online Our core Values : The 4 IFWE values

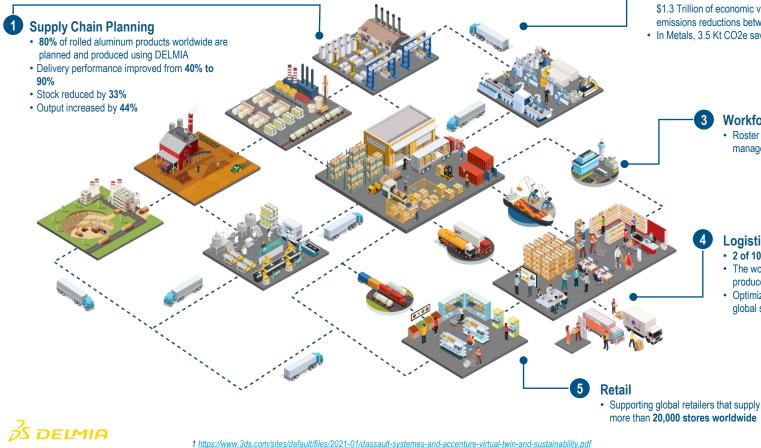


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MANUFACTURING LEADERS USE DELMIA



DELMIA SUPPLY CHAIN EXCELLENCE



Sustainability

- · The virtual twin/digital twin use cases alone can deliver combined incremental benefits of USD \$1.3 Trillion of economic value and 7.5 Gt CO2e emissions reductions between now and 2030¹
- In Metals, 3.5 Kt CO2e savings on scrap/waste

Workforce Planning

· Roster air traffic controllers who manage 70% of the world's airspace

Logistics Planning

- 2 of 10 top logistics companies worldwide
- · The world's largest liquid natural gas producers use DELMIA for fleet optimization
- · Optimizing delivery of more than 1.8 billion global shipments annually

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INDUSTRY CHALLENGES ARE DRIVERS FOR DIGITAL TWINS



Transformation

- Digital technology adoption: Digital Twin technology, big data, advanced analytics, human-machine Interfaces (AR/VR), AI/ML
- Flexible, scalable and secure technology
- Increasing performance and quality delivered to the customer

Sustainability

- Reducing environmental footprint of the product/company
- Reducing fuel consumption and machine CO2 emissions
- Energy transition to hybrid, electric or hydrogen







Workforce Challenges

- Ongoing talent shortage •
- Employee retention and turnover
- Increasing wages and competition
- Knowledge capture and new worker training

Product Complexity & Diversity

- Increasing demand for personalization without sacrificing quality •
- Alternative energy sources
- Regional rules and regulations
- Demand volatility

Supply Chain Instability

- Covid-related issues that continue past 2022 ٠
- Supply Chain "Bullwhip" effect
- Transforming supply chains for advantage beyond the next disruption



DFIMIA

UNIQUE VALUE VIRTUAL TWIN EXPERIENCE FOR SUSTAINABLE OPERATIONS



MAKE INFORMED DECISIONS

DATA + ML+ AI with PRACTICAL KNOWLEDGE



COLLABORATE UNIVERSALLY

VISIBILITY + AUGMENTED + CONTEXTUALIZED







REVEAL POSSIBILITIES

MODELING + SIMULATION + OPTIMIZATION

Value Network

Factories, Assets, Logistics, Warehouses, Service Centers

Products, Operations,

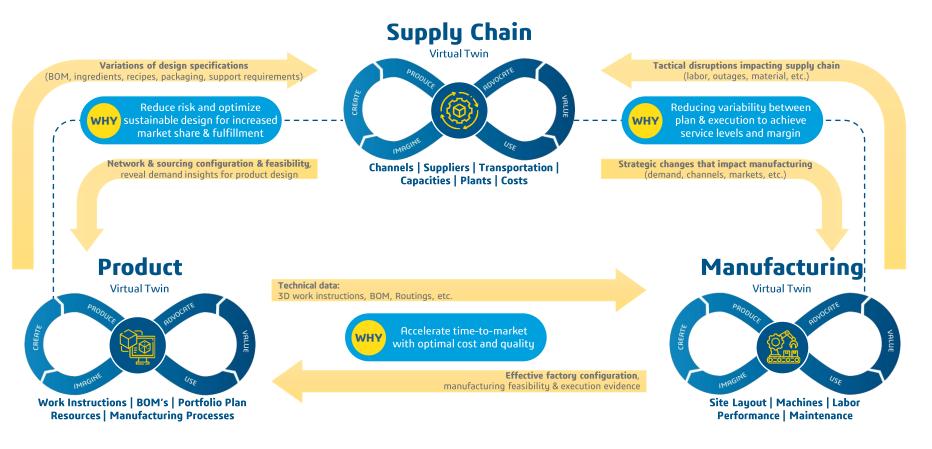
Processes

Transform and Deliver Sustainable Performance



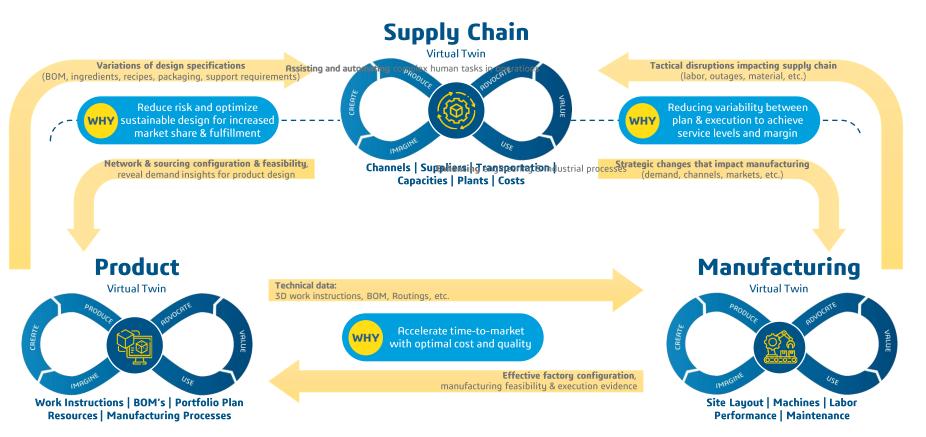
A UNIQUE PORTFOLIO FOR INDUSTRIAL OPERATIONS

Dassault Systèmes is uniquely positioned to break functional silos and orchestrate end to end performance



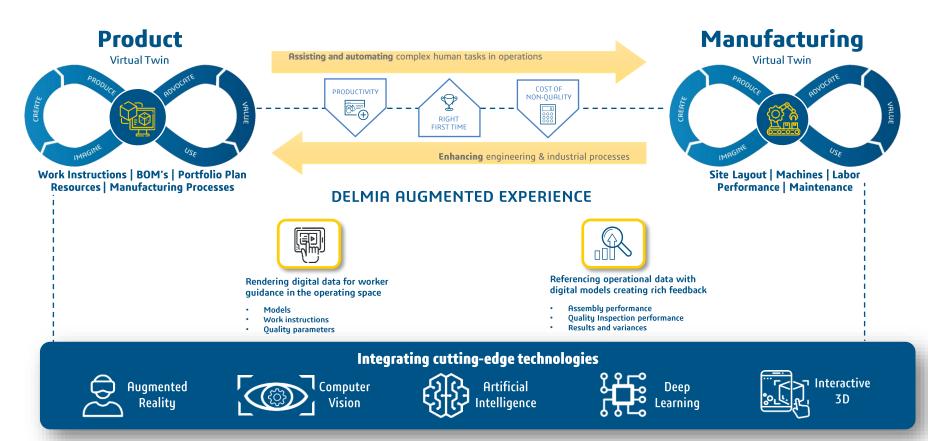
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AUGMENTED REALITY FOR WORKER GUIDANCE IN HIGHLY VARIANT ASSEMBLY PROCESSES

Florian KRAUSE

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KEY TAKEAWAYS

Reimagine the Future. Transform Today with Virtual Twins:

- Unparalleled precision and efficiency throughout the product lifecycle from design to operations
- Accelerated time-to-market with the highest quality standards
- Modern technologies, including AI, are revolutionizing operations
- Contributes to sustainability objectives







BREAK! ALL YOU NEED TO KNOW ON THE BACK OF YOUR BADGE.