EXECUTIVE SUMMARY:
"GET THE VIRTUAL TWIN WORKING FOR YOU"

Staying competitive while optimizing operations can be challenging, especially when **virtual twin solutions** involve high costs, complex integrations, and specialized expertise. If these challenges resonate with you, you're in the right place. This executive summary from the "Get the Virtual Twin Working for You" webinar addresses these obstacles and explores a practical alternative that eliminates the common barriers to digital transformation.

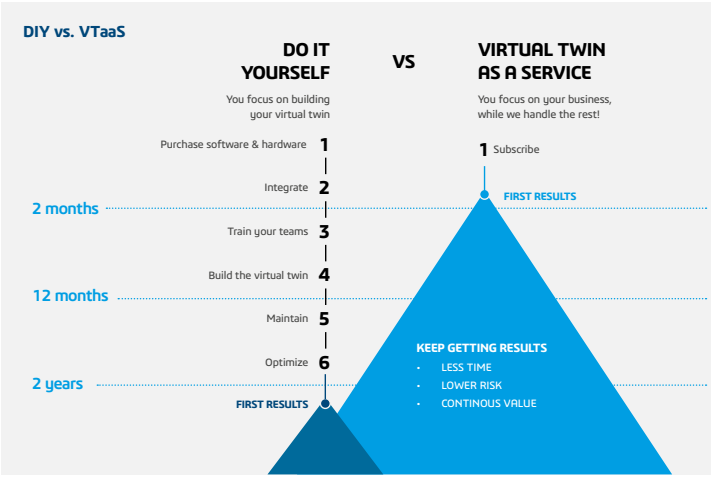
A **Digital** or **Virtual Twin** is a continuously updated, real-time digital replica of a physical asset, product, or process. By simulating, analyzing, and optimizing performance at every stage of the production lifecycle, it enables decision-makers to test multiple "what-if" scenarios, identify inefficiencies, and swiftly adapt to market changes. This approach applies to factory layouts, production lines, workforce ergonomics, and energy consumption—ultimately boosting agility and resilience.

> ***"Focus on your core business where your expertise truly lies."***

Virtual Twin as a Service (VTaaS) builds on this foundation by eliminating hurdles such as costly software investments, specialized skills, and lengthy integration phases.

Instead, VTaaS delivers advanced virtual twin capabilities through a single cloud subscription that DELMIA builds, deploys, and manages. Leveraging decades of domain expertise, VTaaS provides on-demand access to the latest features, AI-driven insights, and security enhancements—risk-free, on time, and within budget. With an expert-managed service, you can focus on your core business while ensuring your virtual twin remains accurate, up-to-date, and fully optimized.

A key focus of the webinar was comparing **"Do-It-Yourself" (DIY)** virtual twin projects with **VTaaS.** DIY efforts require specialized teams skilled in modeling, simulation, and analytics, along with significant upfront costs for software, hardware, and lengthy integration. Without regular updates or expert support, these initiatives risk becoming outdated or failing to deliver meaningful ROI.



In contrast, **VTaaS** shifts these complexities onto an expert-run cloud infrastructure backed by Dassault Systèmes' extensive knowledge base. This approach offers flexibility and scalability, enabling real-time adjustments. Its collaboration platform allows design, manufacturing, and supply chain teams to share data, run simulations, and exchange insights in a unified digital environment. As a result, operational costs and deployment timelines are minimized, while access to analytics and immersive **3D**EXPERIENCEs supports workforce training, line balancing, and sustainability compliance.

> ***Accelerate the availability of digital models you need to grow your business.***

Throughout the webinar, experts emphasized that **embracing VTaaS** delivers tangible, measurable outcomes. Predictive simulations help reduce downtime, accelerate product launches, and optimize resource consumption. Real-time visibility enhances sustainability by cutting emissions and ensuring regulatory compliance. Equally important, VTaaS fosters collaboration and continuous improvement—critical for maintaining a competitive edge in a rapidly evolving market.

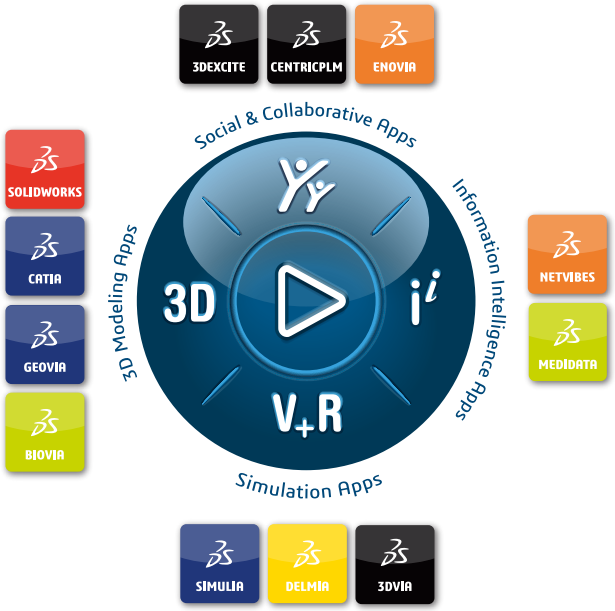
Ready to harness Virtual Twin as a Service for your digital transformation?

Connect with the **DELMIA** team at **Dassault Systèmes** to discover how VTaaS can help you bypass the challenges of a DIY virtual twin, allowing you to focus on strategic decision-making, bottom-line results, and long-term innovation.

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

Dassault Systèmes is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our **3D**EXPERIENCE platform and applications, our customers can redefine the creation, production and life-cycle-management processes of their offer and thus have a meaningful impact to make the world more sustainable. The beauty of the Experience Economy is that it is a human-centered economy for the benefit of all – consumers, patients and citizens.

Dassault Systèmes brings value to more than 300,000 customers of all sizes, in all industries, in more than 150 countries. For more information, visit **www.3ds.com**.



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Europe/Middle East/Africa
Dassault Systèmes
10, rue Marcel Dassault
CS 40501
78946 Vélizy-Villacoublay Cedex
France

Asia-Pacific
Dassault Systèmes
17F, Foxconn Building,
No. 1366, Lujiazui Ring Road
Pilot Free Trade Zone, Shanghai 200120
China

Americas
Dassault Systèmes
175 Wyman Street
Waltham, Massachusetts
02451-1223
USA