

HEXAGON

Industry Solutions Offering

Hexagon Digital Factory.

where your factory transforms into a digital masterpiece

Turn complex spaces into shared understanding - in just one day

Imagine having a perfect digital representation of your physical factory—one that captures every detail down to the millimeter, is available around the clock, and puts your entire global operation at your fingertips. That's what industry leaders are using to **cut costs** by **23%**[1] and drive **22%** revenue **growth**.

Why are **86% of senior executives**[2] saying that a digital twin is "*applicable to their organization*"? Because seeing is believing. Our technology creates a digital counterpart of your facility that you can explore, measure, share, or simulate together with anyone, anywhere. It's an immersive experience of your factory floor, based on world-leading precision engineering.

Think about your last facility upgrade project. How many hours were spent on site visits? How many decisions were delayed due to outdated information? Now imagine completing that same project in half the time, with half the travel, and with complete confidence in every measurement.

Here's the breakthrough: We can capture an entire facility in stunning detail in **just one day**. What used to take weeks of surveying now happens faster than a shift change. And at a price point that makes ROI a moot point.

Try a **free VR demo** and step into your digital future today. Our experts are standing by to show you how industry leaders are using this technology to the greatest effect.

Digital Factory Benefits at-a-glance

100% details captured	**4x** faster project planning	**70%** fewer site visits	**14%** carbon emission reduction[1,2]

Your competitors are already exploring digital twins. Are you ready to join them?

Experience Hexagon Digital Factory for yourself, right now. Step into a **virtual reality** version, or take a **fly-through tour** on your computer screen.



Visit the website for access now!

1 "The Digital Twin Industry Report", Hexagon 2024
2 "Digital twins: the next frontier of factory optimization", McKinsey & Co. 2024

Precision meets flexibility.

Whether you're optimizing a single facility or connecting a global network, we have engineered our solutions to scale with your ambitions.

Starter	Booster	Premium
Single factory data capture Up to 5,000m²	**Single factory data capture** Up to 30,000m²	**Multiple factory data capture** Beyond 30,000m²

	Digital reality[1]	Virtual tour[2]	Discovery workshop	Regular updates[3]	Consultancy support	BIM Modeling[4]	Floor flatness analysis[5]	Layout & equipment[6]	Multi-factory coverage[7]
Starter	•	•	•	•					
Booster	•	•	•	•	•	•	•	•	
Premium	•	•	•	•	•	•	•	•	•

1 3D point cloud, 360° images, 3D textured mesh
2 On-premise and/or on-cloud
3 Minimum one update / year
4 Tailored to your requirements
5 Includes reporting
6 Scope covers layout space optimization and new equipment installation
7 Global scope

Use case: Factory layout, space optimization & new installation simulation

Asking the following question is simple: **Does the new machine we need to purchase fit where we want to install it?**

Producing the answer is not. Gathering information, measuring the space, and visualizing the process and placement is a time sink. Working in a precise 3D representation of your facility effecticely removes that bottleneck. A virtual installation helps identify proper clearances, space constraints, and installation issues before physical deployment, preventing disruptions or delays in operations - all done within minutes. The virtual placement process facilitates three critical steps:

1. Verifying the suitability of the desired location.
2. Identifying necessary modifications or removals within the environment.
3. Planning transportation logistics to ensure unobstructed access through doors and access routes.



From complexity to clarity.

A real-world scenario

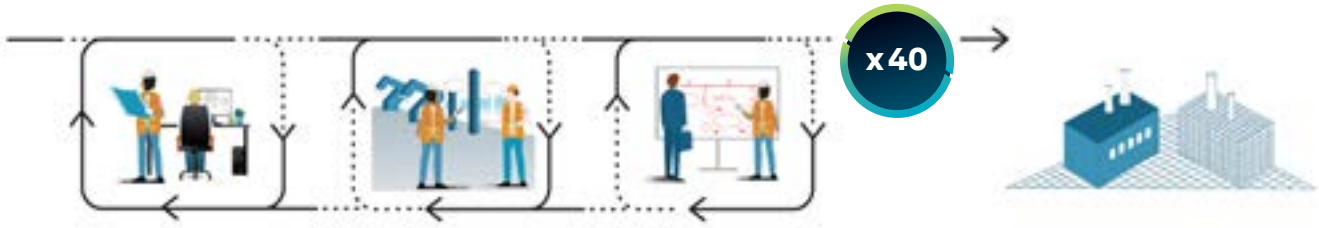
Imagine a “typical” 10,000 sqm facility:

- 4 main production areas
- 200+ pieces of equipment
- 12 interconnected workflow zones
- 8 storage and logistics areas



How can you create a digital twin for this facility?

1. The iteration method: By using physical documentation, CAD, and lots of site visits. You will be ready in **5-7 months**.



2. The Hexagon Digital Factory method: You will be stepping into your digital twin in **a few working days**.



Your entire facility—every corner, connection, and pathway—captured and digitized before your next shift begins. Within **a couple of days**, your team has secure access to:

- Virtual immersive visits of your facility from anywhere at any time
- Complete dimensional accuracy
- Equipment placement verification
- Workflow pathway visualization
- Space utilization insights

For a facility of this size, what **traditionally consumes months** of surveying, measuring, and documenting is **now just a matter of days** of non-disruptive scanning. No production stoppage. No lengthy site visits. No more iterations. Just precise, actionable data ready for your entire team to access, utilize and collaborate around. A digital factory for real.

Learn more about Hexagon Digital Factory. Contact us today!

https://hexagon.com/resources/resource-library/hexagon-digital-factory

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