The next stage of growth – Industrial AI at scale

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Safe harbor statement
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All information is preliminary.

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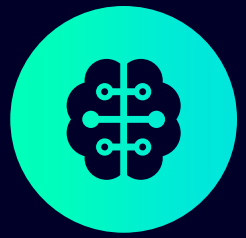

Next AI revolution

Siemens’ unique position

Path to the future

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Industrial AI through our customers' eyes

"The whole automotive industry changes with AI.

We need AI on the shop floor for better performance and for higher quality products."

Mathias Mayer
Innovation Manager, Audi AG

"We have to do maintenance, fault checking and debugging of the system post delivery.

So, if this could be done more efficiently, on-site or off-site, that's a key benefit in my opinion for Industrial Copilot."

Kevin Firouzian
Global Business & Strategy Director, CASMT

"The place where AI can have the biggest impact in our factory is in the engineering of processes, in the maintenance of machines and in making the life easier for people here."

Felix Keppner
Factory Lead Data Analytics
Siemens Electronics Factory Erlangen

"We use Siemens AI to improve our HVAC systems.

The results are impressive."

Simone D'Angelo
Sr. Manager, Engineering Design,
Bank of Montreal

SIEMENS

The next breakthrough in Artificial Intelligence is unfolding in the real world

From AI assistance in the digital world

AI interaction was limited to question-answer interactions and data analysis

To AI powering the real world

AI is moving to intelligent systems that power the industrial world

Transforming the everyday for everyone

Just as electrification defined the 20th century, Industrial AI will define the 21st

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From bits to atoms – AI redefines the industrial value chain

Enabler				
	Compute power	Industrial data	Programmatic access to human reasoning	Billions of devices

from **bits** 10110 01011 10110 › **AI** › to **atoms**

Value chain	Design	Planning	Engineering	Operations	Services
Impact	Break new ground in creativity	Plan more efficiently than ever before	Accelerate and reinvent engineering	Optimize everything in real-time	Transparency at your fingertips

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Siemens is uniquely positioned to lead in Industrial AI

Real world

Digital world

#1
in industrial automation, grid protection and automation (IEC), rail infrastructure

1/3
of all industrial machines worldwide run on a Siemens controller

5000+
inventions worldwide in 2024, European patent champion

#1
in industrial software, covering every stage of the value chain

38
AI-powered offerings incl. award winning Industrial Copilot

1500+
AI experts and over 50 years of applied AI experience within Siemens

SIEMENS

Siemens technology generates trillions of data points everyday

A strong foundation of industrial data

>80%
of top automotive and A&D OEMs, among others, rely on Teamcenter

~10m
connected PLCs in the field, 10x higher data volume since 2015

>140k
connected building management systems, >3.7m connected devices

Enhanced by acquisitions and a growing ecosystem

~€28bn
invested in software companies since 2007

>2m
scientists across >180 countries use Dotmatics software

>700
partners onboarded on Siemens Xcelerator, along with growing data alliances

A&D = Aerospace & Defense; OEM = Original Equipment Manufacturer

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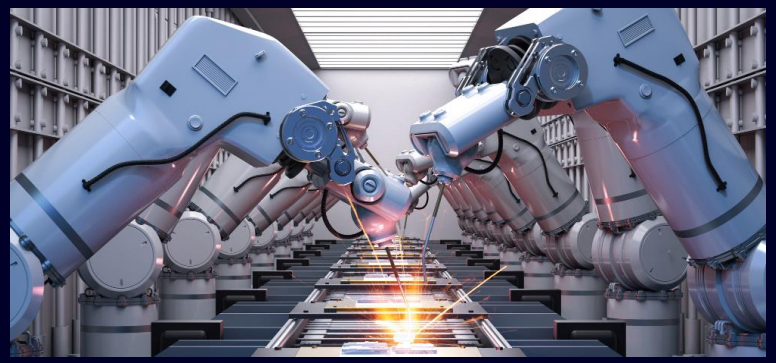
Today, our Data and AI technology is already delivering strong business impact

Boost performance



UP TO
30%
higher task-specific productivity through our award-winning Industrial Copilot

UP TO
35%
reduction in operational costs with AI-based tech San Juan de Dios Hospital in Spain

Accelerate development

UP TO
40%
faster production ramp-up with Digital Twins at DMG MORI

UP TO
20%
reduction in product time-to-market at our first digital-native factory in Jiangsu

Enhance resilience

UP TO
67%
reduction in equipment breakdown with AI-driven predictive maintenance at Tata Steel Netherlands

UP TO
55%
energy savings with AI-powered cooling in data centers at the Bank of Montreal

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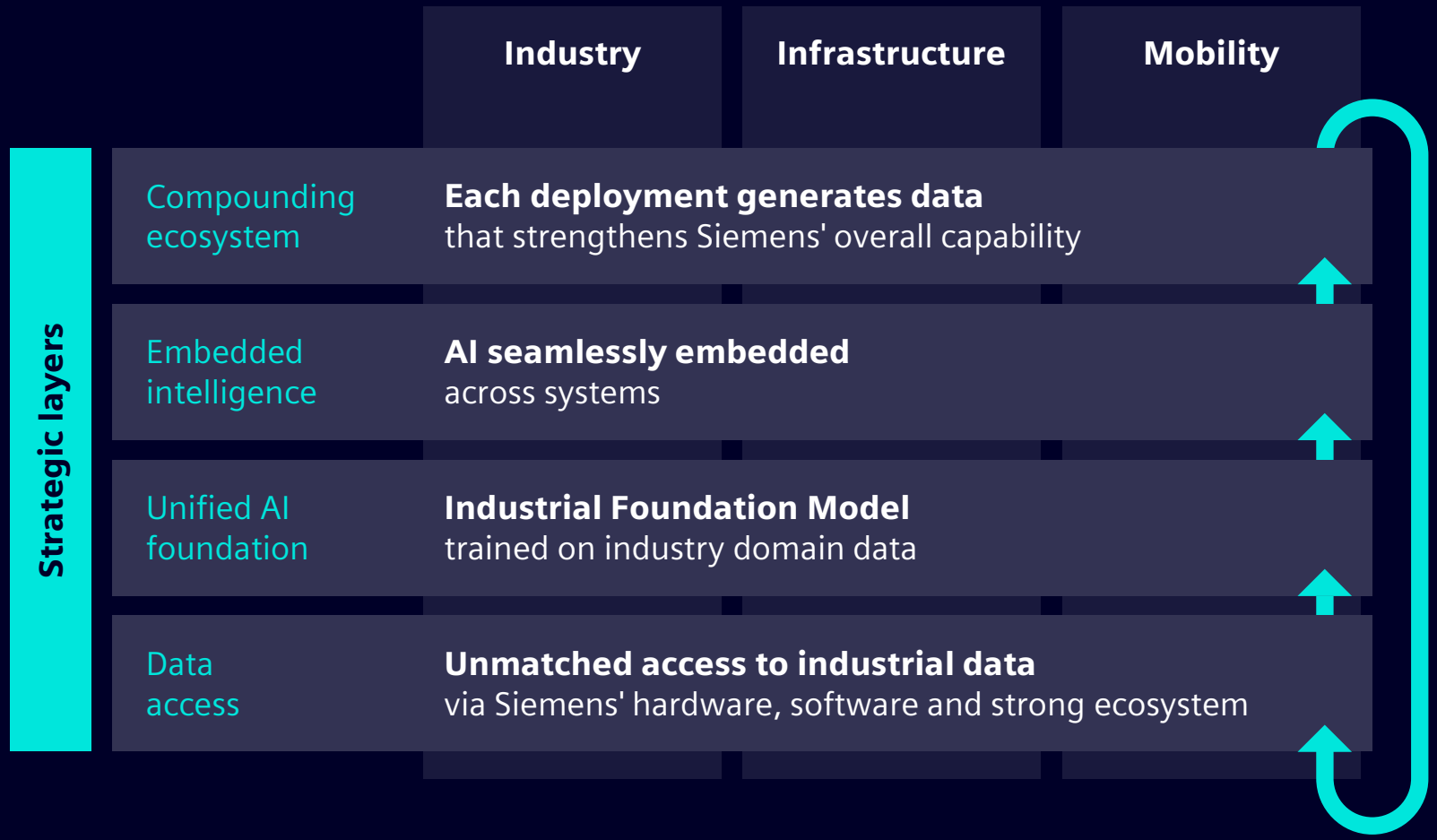
Accelerating growth in Industrial AI by focusing on four strategic layers

Siemens – the global leader in Industrial AI



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Generative simulation

Today, simulations calculate ...

Our software reliably runs complex simulations, tests and validations

... tomorrow, they will foresee

Compressing weeks of simulation into minutes, dramatically reducing time-to-market

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Industrial Foundation Model

Today, models assist ...

Existing models support designers and engineers in their workflows

... tomorrow, they will create

Models will generate designs and manufacturable parts at scale

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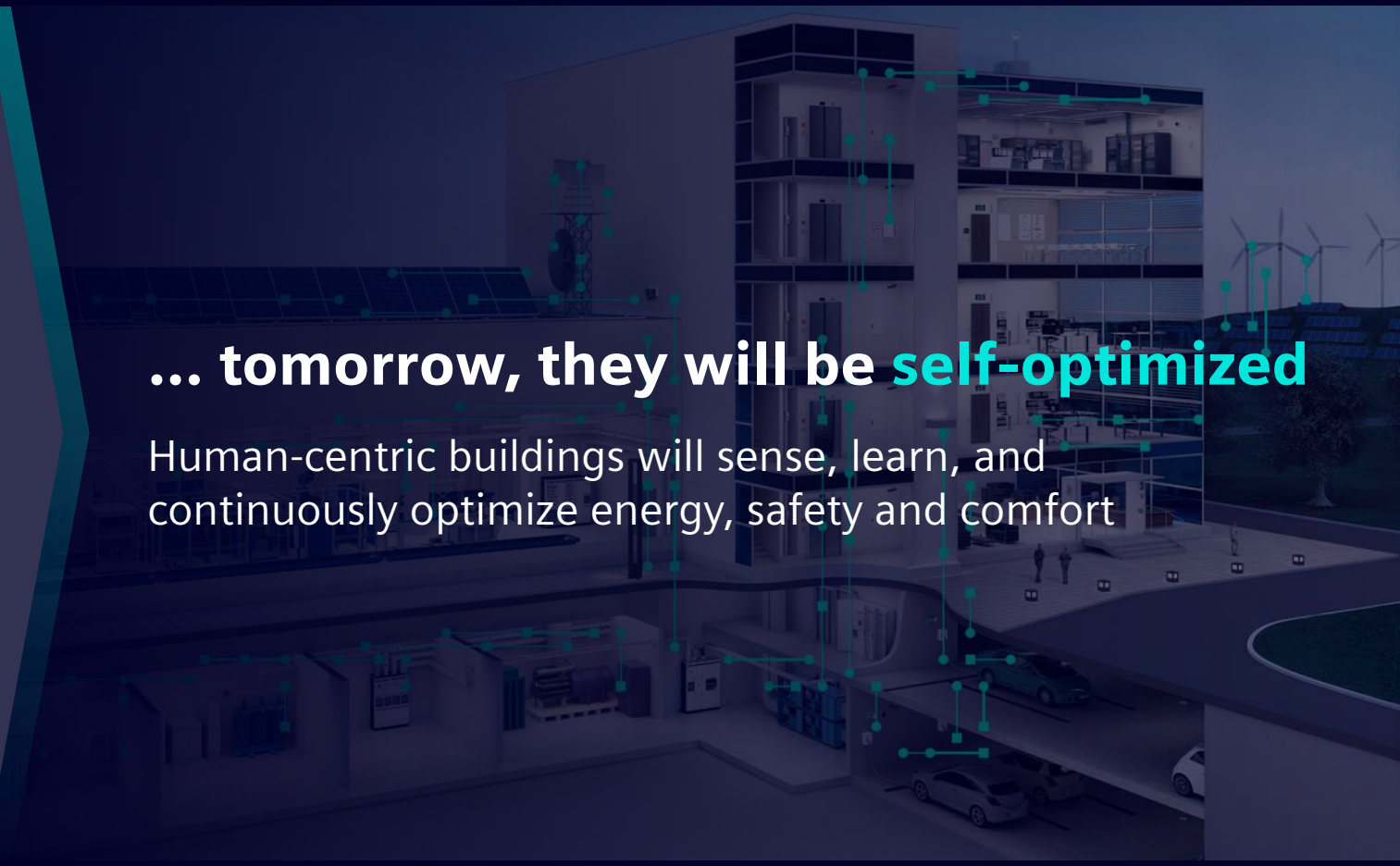
Autonomous buildings

Today, buildings are controlled ...

Our >140k connected management systems control >3.7m devices



... tomorrow, they will be self-optimized

Human-centric buildings will sense, learn, and continuously optimize energy, safety and comfort

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Adaptive production operating system

Today, factories are fixed ...

Production lines are optimized for precision, not agility

... tomorrow, they will adapt

Production lines will reconfigure themselves overnight, increasing flexibility

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The next breakthrough in AI is unfolding in the real world

From bits to atoms – the convergence of key enablers is fueling Industrial AI to redefine the entire industrial value chain

Siemens is uniquely positioned to define this future

Siemens combines the real and digital world like no other company, with its Data and AI technology already delivering strong impact

Siemens is making Industrial AI real

Siemens is accelerating Industrial AI through four strategic layers, creating a compounding ecosystem powering the real world

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