



Turn your factory of the future into a company- wide reality

with Capgemini
and Microsoft Azure

Move beyond one-off point solutions and embed data-driven innovation across your manufacturing operations

The opportunity to transform manufacturing operations – through use cases, such as predictive maintenance, in-line quality or intelligent automation – has never been greater.

While many manufacturers experiment with one-off point solutions, business leaders must take a longer-term view and seek to build a sustainable culture of innovation that not only modernizes the IT/OT architecture but also transforms the underlying operating model to ensure long lasting and company-wide impact.

To do this it's important to appreciate how data can be used and scaled across the business. You can then move towards achieving the ultimate goal of “closed loop” operations, creating an intelligent enterprise where operations eventually self-adapt to the environment and optimize end-to-end performance with minimal human intervention.

26000 hrs

of downtime avoided for
a large oil and gas firm.

80%

process improvement for a
pre-eminent aerospace company.

30%

reduction in production
time for an FMCG leader.

13%

reduction in operating costs for
a global industrial manufacturer.



We help you construct a vision and build a path to get you there

The best way to get there is the incremental implementation of data-driven use cases using an integrated approach that progressively improves the underlying operating model and embeds innovation into operations, including technology, management practices and importantly, new competencies around data and analytics.

This is achieved using three key ingredients:



Intelligent Operations Platform

Data must be organized to support the creation of use cases using a solid technology foundation based on a reference architecture that can be implemented at speed and integrates with the existing technology stack.



Value-based Roadmap

Leveraging the platform, a roadmap is designed around a succession of use cases that contribute both short-term financial returns and capabilities that move the organization towards the end goal of autonomous operations.



Agile-at-scale Deployment

The agile deployment of data-driven innovation at scale across the company helps to embed new capabilities into manufacturing operations, progressively evolving the operating model and transforming the wider business.

Embed data driven innovation into the fabric of your organization

Embedding data-driven innovation in your manufacturing operations can deliver a number of significant benefits.

Innovation at speed

Bring new products to market faster and better satisfy customer demands.

Business agility

Make more informed decisions and constantly adapt the changing business context.

Operational efficiency

Improve all dimensions of OEE, reduce cost and enhance productivity.

Compliance and quality

Enable greater predictability and improve product/service quality.

Security and traceability

Gain control and improve compliance traceability, genealogy and sustainability.

Bring the potential of the cloud down to the factory floor with Capgemini and Microsoft

Our unique capabilities



Holistic approach

Our design-led thinking improves your entire operating model by looking beyond just the technology, instilling a culture of innovation.



Unique platform

Our unique platform combines the power of Azure and Capgemini IP and is based on learnings from previous implementations.



End-to-end capabilities

Our skills and capabilities span the entire manufacturing value chain all the way from shop floor to back-end architecture.



Joint innovation

Our jointly developed IoT innovation roadmaps offer opportunities for future development, so we can help you continually innovate and transform.



Self-financed roadmaps

Self-financed roadmaps using a proven framework provide a clear path towards transformation while reducing risk and accelerating innovation.

Our in-depth industry knowledge



Industry expertise

Experience of implementing the platform across industries packaged into solution templates for the most common use cases.



Leader for IoT Consulting and Services, Managed Solutions and Services, Connected Cars, Manufacturing, Smart Building & Infrastructure

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Partner credentials

As a Managed Gold Certified Partner with Microsoft, Capgemini offers customers a unique set of advantages with a presence in over 40 countries, five continents, and supported by more than 24,000 skilled Microsoft professionals.



Latest knowledge sharing

Our extensive knowledge sharing ensures the latest skills and methods are used and that latest capabilities can be implemented and operationalized.

Ready to bring the factory of the future to life? It's time to get in touch

Laurent Samot

laurent.samot@capgemini.com

Geoffroy Pajot:

geoffroy.pajot@capgemini.com

To know more about our partnership with Microsoft, please visit www.capgemini.com/microsoft

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