

# EY Smart Factory

Operational excellence in the palm of your hands

Your digital world. Realized.

## Client challenges and industry trends

Companies have embraced manufacturing excellence programs for decades, but have struggled to achieve sustainable performance improvements.

Common manufacturing challenges include:

- ▶ Lack of standardization leading to disconnected improvement efforts
- ▶ Workforce capability gaps
- ▶ Plenty of data but little insight

EY and Microsoft bring to market enhanced capabilities to help accelerate and sustain manufacturing performance improvement by supporting real-time intelligence, insights and smart decisions.

EY Smart Factory uses the Microsoft Azure IoT Edge solution for in-plant connectivity and data collection. Its capabilities include:

- ▶ Remote management and configuration from Azure Portal
- ▶ Portability: Can be deployed on physical hardware or in virtual machine environment
- ▶ Modularity: Can deploy protocol handlers as required, including custom interfaces
- ▶ Can incorporate use of edge analytics and machine learning

## Benefits to you

- ▶ Provide leaders with technology to manage standard work cadence
- ▶ Dynamic, accurate visibility of performance at daily management meetings
- ▶ Digital data capture and analysis to see what must be done to take predictive and corrective action
- ▶ A digital maturity-based improvement work system with the intelligence to show you what to do, when to do it, and how to do it and close performance gaps

## EY Smart Factory framework



## How we can help

Typical deployment results within 8-12 weeks\*

\* On implemented lines



## EY and Microsoft

The digital technologies that are impacting your business today – social, mobile, analytics and cloud – are rapidly expanding to create new employee and customer experiences, fundamentally changing how your organization works, interacts and competes. The EY and Microsoft alliance combines EY deep insights and experience in disruptive industry trends, new business models and evolving processes with Microsoft scalable, enterprise cloud platform and digital technologies. EY and Microsoft can help accelerate digital transformation with advanced solutions that support enterprise strategy, transform customer and workforce experiences, create new, data-driven business models, build intelligent, automated operations and bring confidence that these innovative solutions are secure, compliant and trusted. Together, we can help accelerate digital strategy and amplify your business performance to thrive in a digital world.

For more information visit: [ey.com/microsoft](https://ey.com/microsoft)

## Contact information



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### About EY

EY is a global leader in assurance, tax, transaction and advisory services. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies the world over. We develop outstanding leaders who team to deliver on our promises to all of our stakeholders. In so doing, we play a critical role in building a better working world for our people, for our clients and for our communities.

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