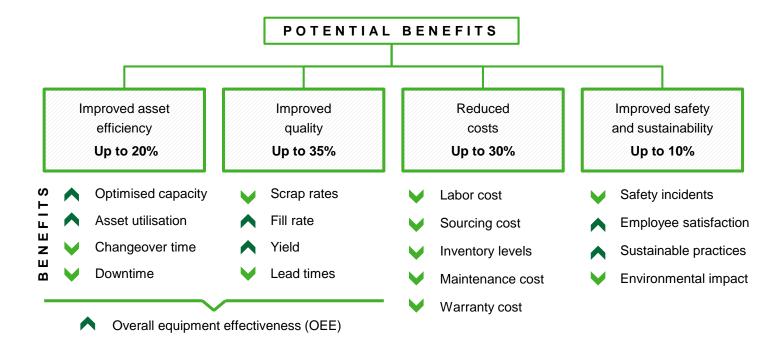
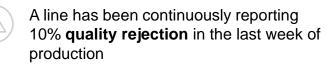


Why now? Now more than ever, organisations need to do more with less; either scale up rapidly to match increasing demand or maintain capacity while reducing footprint. Data availability, compute, and store capabilities are more accessible than ever. We can now create visibility to proactively address inefficiencies in the "hidden factories" and day to day operations.

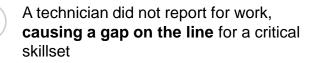
What are the expected outcomes? Smart factory transformations, when done at the plant or enterprise level, can deliver significant cost savings, improved product quality, and increased employee and customer satisfaction.



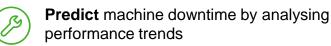
A workstation **unexpectedly failed** and is offline waiting for maintenance repair



WIP inventory pile up at one workstation as another is **waiting for materials** to continue operation







Sense quality degradation and immediately enact correction efforts

Track material movements in **real time** and **dynamically schedule** production cycles based on resource availability

Actively manage the workforce and **track worker performance** data

Accelerating your smart factory journey: Smart Factory Fabric on Amazon Web Services (AWS)

Smart Factory Fabric is a pre-configured suite of cloud-based Internet of Things (IoT) applications built on AWS designed to accelerate smart factory transformations across the enterprise, customisable to meet your unique needs, and resolve the right business issues.

The Smart Factory Fabric platform includes:



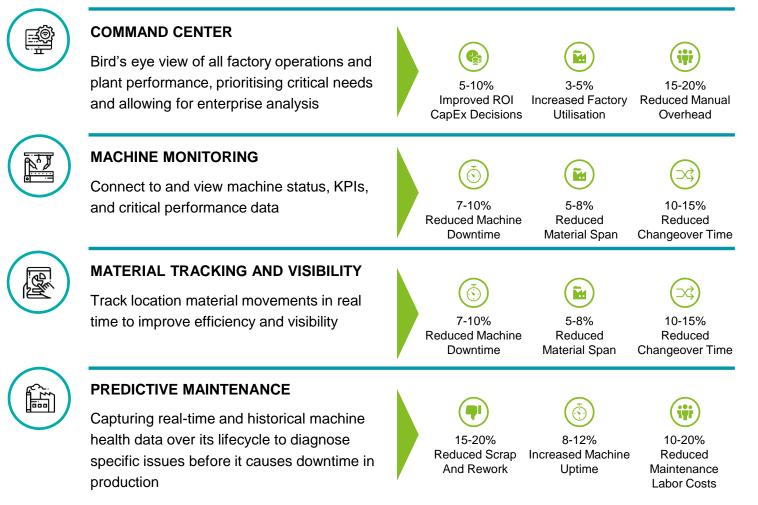
Proven technology with a scalable cloudbased and IoT-enabled architecture

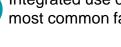
ROI-driven deployment approach



- Integrated use cases addressing the most common factory challenges
- Focus on user adoption and enterprise transformation

Use cases *





build IoT applications through reusable models.

... and there are many others



ADVANCED WORKER SOLUTIONS

Advanced analytics for optimal manning and traceability of workers, dynamic crew planning and work allocation



DYNAMIC PRODUCTION SCHEDULING

Dynamically schedule production cycles based on resource availability and requirement



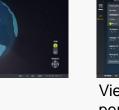
QUALITY SENSING AND PREDICTION

Identify potential quality issues faster and earlier in the value chain



AND MORE ...

Deloitte and AWS will continue to invest in building new pre-configured accelerators addressing the wider market



Manage at the plant level

Built for the enterprise with a proven architecture:

modular, scalable and anchored

How the AWS services are leveraged:

on AWS; secure by design and ready to complement your existing

Solution

preview

IT landscape.

Targeted Personas: Addressing executive, plant manager, and shop floor technician needs.

* Estimated benefits for use cases are based on Deloitte's experience



View enterprise performance



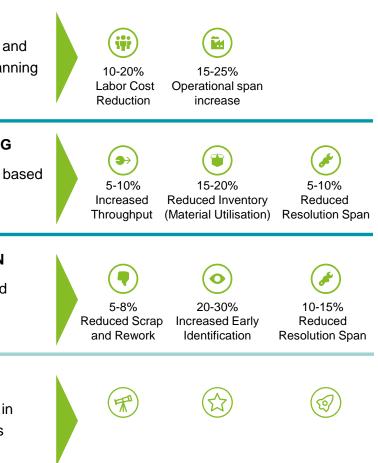
Address the man, machine, and material constraints that hinder performance

Highly Integrated:

Start with 1 or multiple use cases. The solution is built for easy expansion.

AWS IOT Greengrass extends AWS to edge devices so they can act locally on the data they generate, while still using the cloud for management, analytics, and durable storage.

AWS IoT Things Graph makes it easy to visually connect different assets and web services to



The Smart Factory Fabric on AWS accelerator brings together leading providers in the industry, each with highly complementary services.

The offering is:



More than technology: Preconfigured accelerators, process change centric, human-centric design user adoption obsessed



ROI Driven:

Simple, highly effective user experiences constantly tuned to help drive ROI



Secure by design:

Security is built into our solution and is a focus of everything we do from sensor to cloud



Flexible and adaptable:

Open and extensible platform with the flexibility to use third-party offerings

Learn more about Smart Factory Fabric on AWS, contact:



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Native AWS stack:

Potential lower costs, greater scalability and security, and higher availability—at lower risk

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