



Hitachi Vantara AWS IoT developed on AWS Consulting Offer

Manufacturing Insights | Maintenance Insights | Video Insights



Overview

The Hitachi solution portfolio builds on the intelligent manufacturing maturity model and empowers the digital innovation foundation essential to Manufacturing 4.0. Leveraging AI and ML techniques applied to 4M (Machine, Man, Material and Methods) Industrial Analytics provides machine, production, and quality insights that drive transformational business outcomes.

ENABLE DIGITAL EXPERIENCE

- Customer Experience
- Partner Experience
- Employee
 Experience
 and Safety

DRIVE OPERATION EXCELLENCE

- Asset and Operations
- Predictive
 Quality
- · Digital Twins

MODERNIZE YOUR DIGITAL CORE

- ERP Transformation
- Edge-to-Cloud
- Digital Thread

BECOME A DATA-DRIVEN ORGANIZATION

- Integrated loT Solutions
- Advanced Analytics
- Supply-Chain Optimization

ACCELERATE DIGITAL INNOVATION

- Program and Change Management
- Digital COE
- Digital Strategy



Opportunities

- Manufacturers are feeling the pressure to adopt digital technologies and business models.
- Data is central across all critical issues that Manufacturing Leadership Council vote as top of mind.
- Manufacturing 4.0 is challenging the industry to focus on the adoption of new digital technologies to help with the creation of new business value.
- Digital transformation requires new IT skills and investments in technologies not typically seen in Industrialized sectors.



Factories of the Future



Establishing Manufacturing 4.0 Culture Collaborative, Innovative, Integrated and Connected



Transformative Technologies



Manufacturing 4.0 Sustainability



Next-Generation Manufacturing Leadership and the Changing Workforce



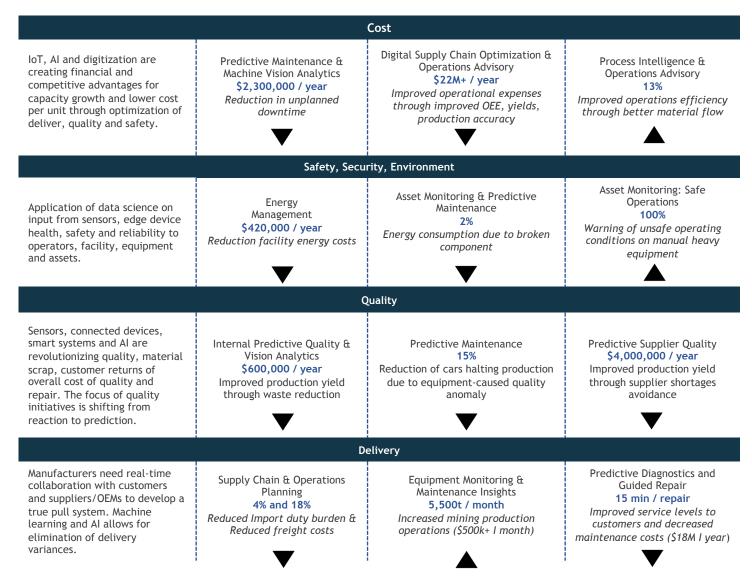


Benefits

From a manufacturing perspective, most use cases can be categorized under asset and maintenance, production, quality, supplychain and health, safety and environment. The key is to diagnose the current state and develop a roadmap of the use cases that will help build organization capabilities, gain maturity, and deliver tangible outcomes.



Achieved Impact from Successful Digital Industrial Solutions











Electromechanical equipment and services



Connected Workforce

- Complete digitization of utilization, planning and scheduling of workers
- Waste elimination and appropriate manpower cost-allocation to jobs



Off-road tires and rubber tracks manufacturer,

Smart Manufacturing

- Connected factory
- Production monitoring with product traceability (tracing assets, operators and process parameters)
- Insights and analytics with a focus on quality

Tire manufacturing



Digital Transformation

- Define standards for setting up a dream factory (business requirement mapping)
- Assess technology roadmap to align on ERP vs. MES vs. IoT requirements

Electromechanical equipment & services



Operations Excellence

- Manpower optimization to become a globally benchmarked player in manpower
- Ton of steel production

Information subject to change

Get Started

- Engage with Hitachi Vantara manufacturing experts to develop transformative use cases
- No-Risk and No-Commitment workshop to develop a manufacturing transformation roadmap
- ASSESS: 4-week proof of value | MOBILIZE/MODERNIZE: 3-months scale to production