



IHS MARKIT TECHNOLOGY INTELLIGENCE SERVICE

Industrial IoT

In-depth and current data and analysis of industrial IoT and smart manufacturing trends, adoption, challenges, supply chain developments and the competitive landscape

KEY QUESTIONS ANSWERED

- How ready are industries to move to smart manufacturing? What is the TAM?
- How is smart manufacturing being implemented and what benefits have been realized?
- What is the competitive environment, and your position?
- How do customers use the cloud, IoT and Augmented Reality?

Reports

Topical reports addressing key focus areas with in-depth analysis on market and technology trends.

Case studies, Profiles, Scorecards, and Reviews

Up to 20 case studies from a cross-section of industries, vendor reviews across the supply chain and industry readiness comparisons.

Analyst Insights

Frequent analyst commentary on market news and analysis.

Analyst Access

For prompt responses to urgent and unique questions.

Survey

Surveys and interviews on usage and preferences.

Clients of this service will receive:

The future of Automation –

A review of the evolution of automation devices and hierarchies, including market sizing and trend analysis on topics such as connectivity, on-device intelligence, the cloud and how automation will operate in the future.

Factory of the Future Report –

An overview of new technologies impacting manufacturing, including end-user feedback and technology trend discussions. This

Case Studies –

Case studies from a cross-section of industries, countries and technologies

Machine Connectivity and Industry Readiness Review –

Market sizing and forecasting of level of connectivity of machinery. Comparison of industry sector readiness to smart manufacturing.

Industrial Automation Supplier & Event Tracker

A review of the financial performance of the top 50 automation suppliers, and trade show write ups of key product, technology and industry events.

Coverage

Topics	
Cloud and edge analytics	Automation
Industrial IoT	Additive manufacturing
Augmented Reality	Collaborative robots
Robotics	Cybersecurity

Machine Connectivity

Installed base of machinery	Level of connectivity:
Connectivity of machines	- Machine to machine
IP addressability of machines	- Machine to enterprise
	- Machine to cloud

Surveys and interviews

Cloud and edge analytics (primary survey focus)

IoT (project ownership and vendor preference)

Augmented & Virtual Reality – adoption and potential use cases

Additional segmentation is provided for each of the following end-user types:

- Industry (discrete, process, hybrid)
- Region (EMEA, Americas, Asia Pacific)
- Company Size (1-100, 101 – 1000, >1000)

Case Studies

Where have smart manufacturing solutions been introduced?

How are technologies being implemented?

What were project objectives and what hurdles were overcome in meeting these objectives?

What was the payback period or return on investment (RoI)?

Who led the project and how did vendors partner to ensure a holistic solution?

How are successful projects being scaled up?

How are companies monetizing smart manufacturing?

What best practices can be learnt from existing implementations?

Evolution of Industrial Automation Analysis

Changes in automation product design i.e. sensing, on-board intelligence etc.

Evolution in connectivity technologies (i.e. TSN, OPC UA)

Impact of the cloud on the automation hierarchy and control solutions?

New players and technologies impacting industrial automation

For more information technology.ihs.com

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