

_IoT for Manufacturing



IoT FOR MANUFACTURING



Benefits

High flexibility

IoT for Manufacturing adapts to each production run, and it can respond to production changes over time.

Improve think quality

Higher production and product quality reduces rework and human errors in material usage.

Decision making support

The system provides real-time information and metrics for situational or historical analysis, improving strategic decisions.

Industrial internet

There is a multidirectional connection between production processes and products.

Seamless integration

IoT for Manufacturing architecture connects easily to existing equipment from all manufacturers company assets.

_Digital machine data collection

IoT for Manufacturing is an enterprise solution that provides access to data from industrial factories, and ultimately leads your business through the Industry X.0 revolution.

IoT for Manufacturing helps you to digitalize your factory by accessing and collecting data from machines. Moreover, by using customizable business rules, IoT for Manufacturing can handle all events and interactions between industrial devices.

You can therefore react immediately to production drifts, as well as monitor the status of orders, machines, and materials, together with the most relevant manufacturing KPIs.

With IoT for Manufacturing, you will lead and keep your factory at peak efficiency.



Key Features

Universal system integration

Remove any barriers between shop-floor and top-floor using a cohesive and cross-company approach.

Industrial IoT

Connect embedded devices and plants, and enable real-time data sharing between all parts of the system and all connected parties.

As-built management

Move to electronic material tracking and see the entire structure and process of your manufactured product.

EWI management

Build your product right every time through the real-time and dynamic management of Electronic Work Instruction.

How does IoT for Manufacturing work?

By using supervisory control and data acquisition directly linked to industrial devices, IoT for Manufacturing enables the extraction of widely ranging data related to production processes, environmental and sensors recordings.

IoT for Manufacturing selects and gathers only information relevant to your business. Data is then integrated in a uniformed data structure which is ready to be stored in an onsite SQL or NoSQL database and/or in Microsoft Azure or Amazon Web Services storage. At this point the collected data is ready for analysis – for more information on this, please refer to our proprietary solution for data analytics and insight visualization Analytics for Manufacturing

Highlights.

With IoT for Manufacturing you can:

- Maximize the information value of data collection;
- Improve the customer experience by offering services tailored to specific customer requirements;
- Easily integrate ERP systems;
- Drive your company through the Industrial IoT revolution.

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