

# Rackspace IIoT Smart Factory Accelerator

Liberate your factory floor data and gain actionable insights

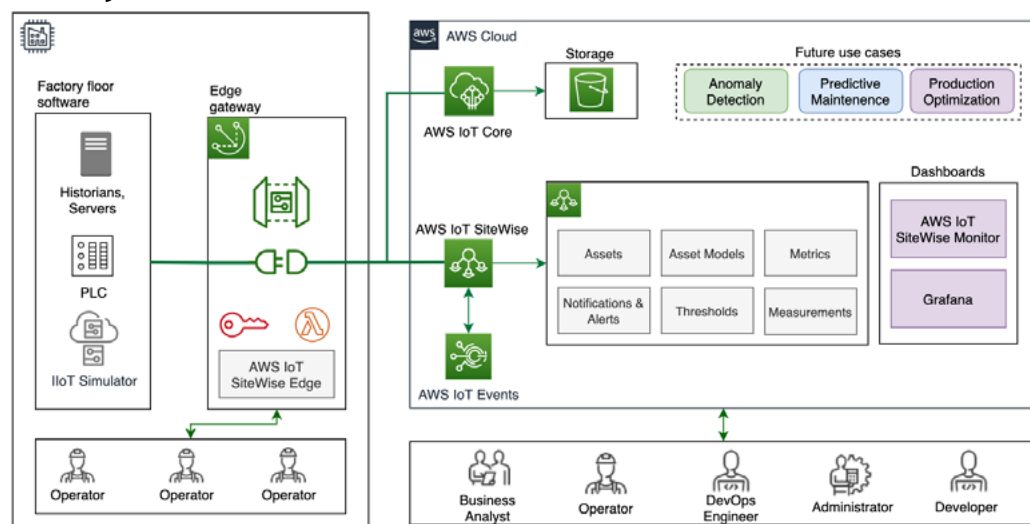
Manufacturing companies are embarking on a digital transformation journey to increase operational efficiencies in their factory floor processes, which will have a direct impact on the bottom line. The first step in the journey toward a smarter factory starts with the collection of data from factory floor equipment and the generation of key metrics which, when measured over time, can lead to actionable insights.

With advanced data analytics, machine learning capabilities, and the infinite compute and storage resources available in the cloud, the Rackspace IIoT Smart Factory Accelerator provides the perfect starting point for customers pursuing smart factory manufacturing operations.

## The solution

The Rackspace IIoT Smart Factory Accelerator is a pre-built and customizable solution that allows you to visualize data and act on insights in just a few weeks. We'll quickly pull siloed data off of your manufacturing floor and into dashboards that provide unprecedented visibility into your operations.

### Factory



## Features & benefits

The Rackspace IIoT Smart Factory Accelerator solution kickstarts the journey of Discrete Manufacturing customers to liberate factory floor data.

**360° view:** Built-in adapters support pulling data from a variety of PLCs, historians and SCADA systems using a wide range of standard industrial protocols.

**Centralized dashboard:** View the operational health of your entire production line through a single pane of glass, from anywhere.

**Respond in real-time:** Receive notifications through email or text messages so you can quickly respond to faults or abnormal conditions.

**Model assets and relationships:** Visualize your assets and their relationships to other factory floor equipment by importing data from supported industrial platforms or defining a custom hierarchy.

**Secure remote operations:** Data is encrypted at rest and in transit while you move your data between the factory floor and the cloud.

**Improve production performance:** Drive meaningful decisions with metrics for cycle times, production volumes, downtime and overall equipment effectiveness.

**The foundation for Industry 4.0 initiatives:** Smart Factory Accelerator serves as the foundation for quick execution of advanced use cases like anomaly detection and predictive maintenance.

## Engagement overview

The experts at Rackspace Technology® will collaborate with your team to understand your manufacturing processes and data sources, then define opportunities to improve visibility into your production lines and factory floor. By leveraging a series of accelerators, we'll provide insights into your operations in a matter of weeks.

**Success criteria:** We'll evaluate and collaboratively define the success criteria for your project, which includes identifying target assets along with the most meaningful metrics and insights to your business.

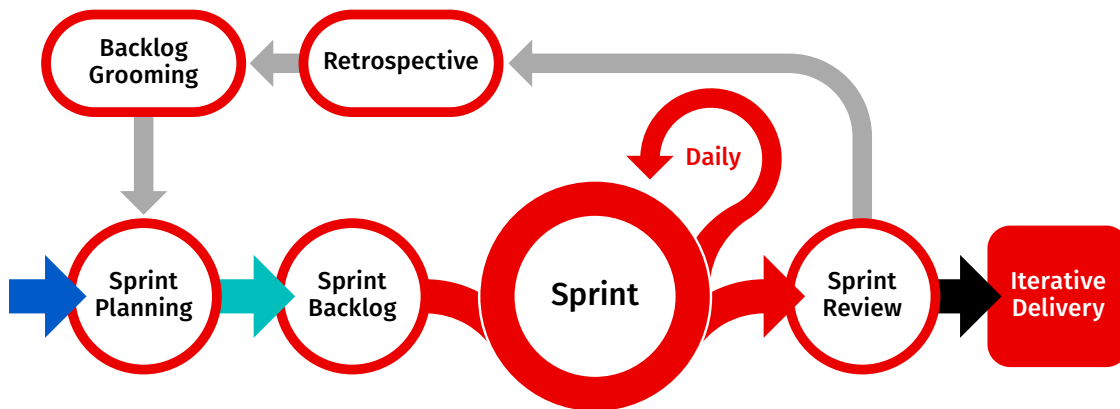
**Solution design:** We'll customize the solution to collect data from your existing systems, securely transfer it to the cloud, enrich it with asset metadata, and expose it via a custom dashboard and real-time alerts.

**Build & iterate:** We'll work in a transparent and agile fashion to build and continually demonstrate the value of your solution. Through early feedback, we'll ensure we home in what's most impactful to your business.

**Handover:** Through end-to-end knowledge transfer sessions and thorough documentation, we'll ensure your team is equipped to operate and gain maximum value from the solution.

**Roadmap:** Looking forward, we'll work to define a roadmap that builds upon these insights, incorporating data analytics, machine learning and customized actions based on your unique processes.

### Agile delivery framework



## Why Rackspace Technology

Rackspace Technology is your trusted partner across cloud, applications, security, data and infrastructure.

- 2,700+ AWS technical certifications worldwide
- Audited Managed Service Provider

### Comprehensive AWS capabilities

#### 15 AWS Competencies

- Data & Analytics
- DevOps
- Education
- Financial Services
- Healthcare
- Industrial Software
- IoT
- Machine Learning
- Microsoft Workloads Migration
- Oracle
- Retail
- SaaS
- Storage
- Travel & Hospitality

#### 11 AWS Service Delivery Designations

- Amazon CloudFront
- Amazon DynamoDB
- Amazon EC2 for Windows Server
- Amazon EMR
- Amazon RDS
- Amazon Redshift
- AWS CloudFormation
- AWS Database Migration Service
- AWS IoT Core
- AWS Lambda
- AWS Server Migration Service



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