



Realize the unlimited potential of connected Factory with IoT

**neway**  
Innovative Technologies

 **Microsoft**  
Partner Network

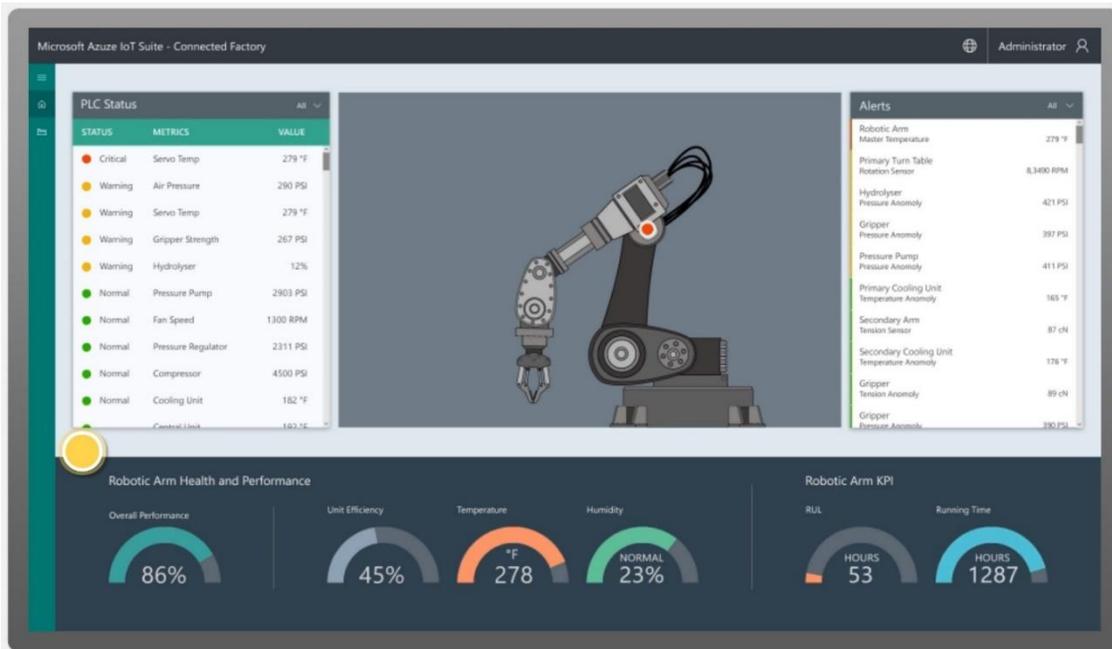


## Demo

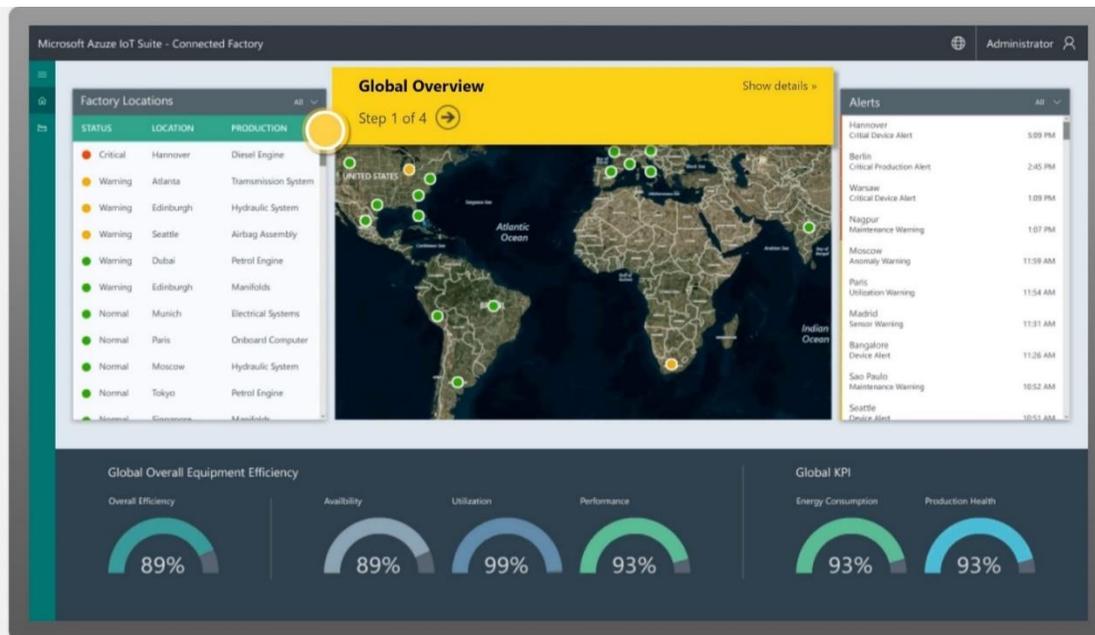
The following is an example of how a business can leverage the power of Microsoft Azure IoT Suite to take advantage of Industry 4.0 and cloud enabled devices via the OPC-UA framework.

By connecting factories, simply and without disruption, manufacturers can ingest, analyze and visualize powerful operational information; including efficiency and performance data.

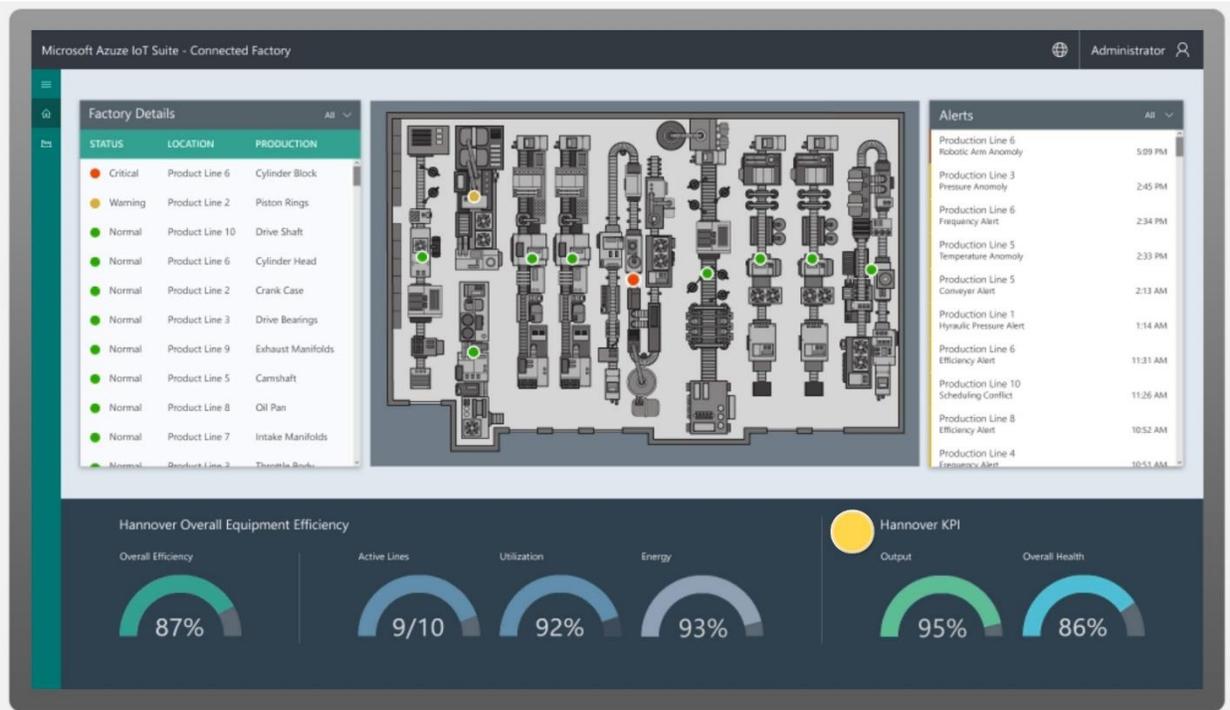
Instead of reacting to events, they can proactively manage them—and ultimately fully automate. With Azure IoT Suite, the infrastructure and architecture is preconfigured, allowing businesses to get started quickly on a secure, global platform.



Robotics (PLC) Status Table, Alerts and Performance Infographics



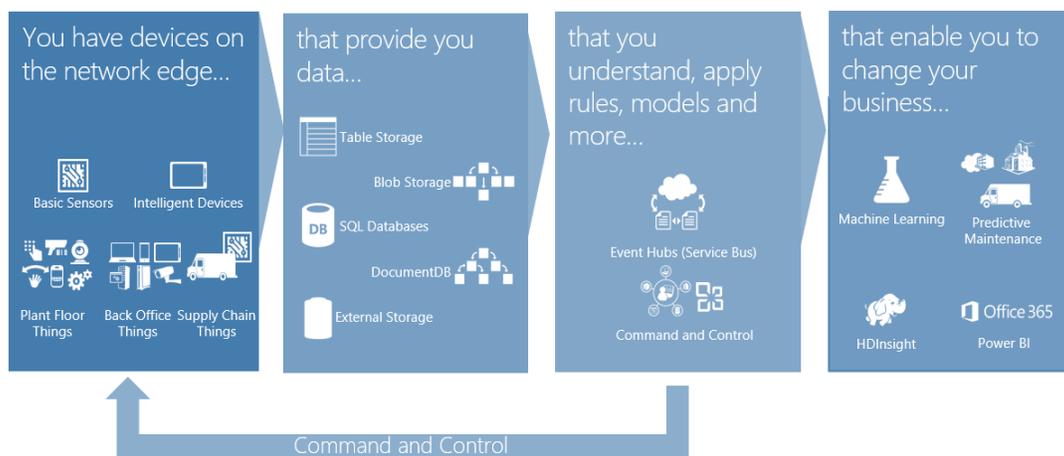
Factory Status Over Locations Map



## Monitoring Equipment Efficiency Levels, Enabling Alerts

## About IoT (Internet of Things)

IoT (Internet of Things) allows you to have devices on the network edge (basic Sensors, Intelligent devices, plant floor things, back office things, supply chain things, etc.), that provide you data into storage (tables storage, blob storage, SQL databases, NoSQL databases, big data databases, external storage, etc.), that you understand, apply rules, models and more (queueing, stream with analytics, command and control, etc.), that enable you to change your business (machine learning, predictive maintenance, make data analytics, reports with Power BI, etc.).



## Azure IoT Solutions

Azure IoT solution is easy to provision, use and manage, you pay as you go, scale as you need, you can global reach, hyper scale and have an end to end security & privacy. The Azure IoT solution was designed to deal with the IoT challenges, such as connecting reliably and securely millions of devices to the solution backend, often embedded systems with no human operator, may only be reachable through the solution back end, may have limited power and processing resources, may have slow, or expensive network connectivity, using proprietary, custom, or industry-specific protocols, large set of popular hardware and software platforms, and can be deployed in remote locations, where physical access is expensive.

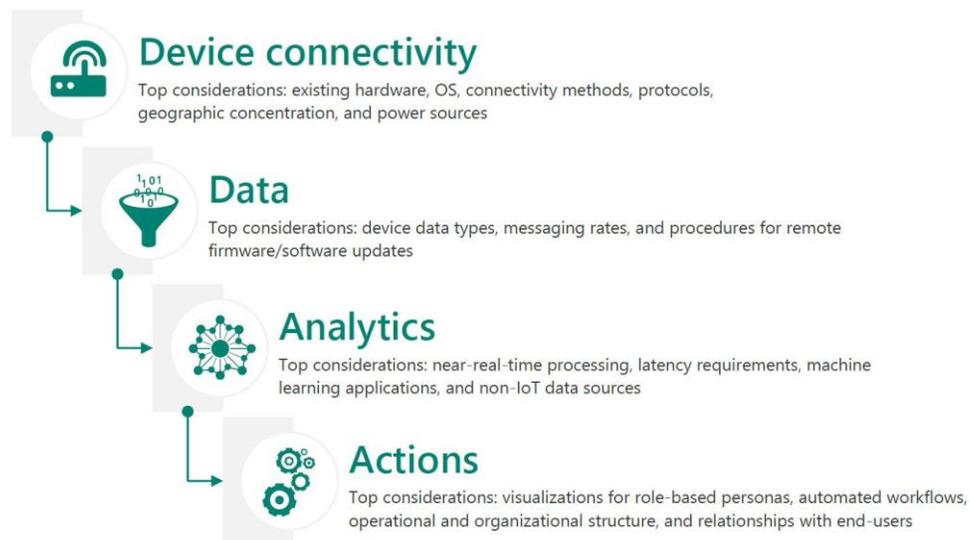
## Neway's IoT Services

IoT Solution Architecture & Design
Data Collection & migration to the Azure Cloud
Cloud administration & enablement
IoT Hub Connect, monitor, and control billions of IoT assets
Smart devices connectivity and analyses
Data visualization and extraction- Making data useful and clear to view
Stream Analytics Real time data- streaming processes from millions of IoT devices
Machine Learning- Open and elastic AI development
Artificial Intelligence AI
Time Series Insights- Instantly explore and analyze time series data
Azure Location Based Services- Simple and secure location APIs provide geospatial context to data
Event Grid- Get reliable event delivery at massive scale
Apps Automation - Use of data across clouds without writing code
IoT Devices Integration -Azure Logic Apps ,Salesforce, ServiceNow

## Getting Started

A proof of concept is an instrumental step in a company's IoT journey. It allows organizational leaders to take real action on their business visions, by testing and refining the most important characteristics of a solution. It is where a company may begin to see firsthand the value and transformative power that the Internet of Things. From unlocking opportunities to utilizing existing data into new business opportunities

At Neway, we want you to feel empowered to make the best decisions in your IoT journey. If you have further questions about developing your own IoT solution, please reach out to us to learn more about how our services and our partnership with Microsoft can help your business realize on the incredible potential of the Internet of Things.



## Learn more

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- Learn more about the Internet of Things at the Microsoft IoT [blog](#).