

iGENERATION

Solution Overview:

An exhaustive solution bridging the gap between operational data in factories and business metrics to give a combined visibility for improved planning, optimization, and collaborative decisioning to improve production uptime

Key Highlights:

- Dashboards collaborating Operation and Business Metrics
- Single view of Sales, Warehouse, Supply Chain and Manufacturing data and insights.
- Faster decision making with insights powered real-time data integrations
- Automate workflows and accelerate IIoT app development with PowerApps
- Social Dashboard to provide marketing and sales insights.
- Monitoring and Audit dashboards.

Engagement Approach:

Discovery

Assess System Topology, IoT source systems, SCADA and PI systems, data integrations, operational workflow

Build & Deploy

End to end automated deployment from collecting Data to Dashboard Standard KPI and basic data models are part of the solution.

Stabilize

One-time investment on the framework followed by pay as you go model for newer KPIs and integrations.

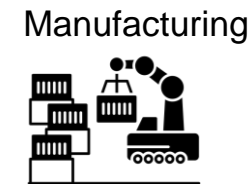
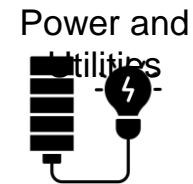
Managed Service

Continued development support, addition of use cases and support of the end-to-end platform.

Technology Stack:

- MQTT Broker
- Azure IoT Hub
- Azure Stream Analytics
- Azure Databricks
- Azure Synapse Analytics
- PowerBI
- Azure APIM
- PowerApps
- Azure Machine Learning

Key Industries:



Reusability of Use cases:

Industrial vertical embracing operational transformation with Digital Twin strategies leveraging IIoT/Sensor data, SCADA and PI systems