



# LTIMindtree Device Data Management – Accelerated deployment and real time device insight solution

## Challenges

Sensorization and device onboarding is one of the critical tasks involved in a typical IoT project. With the industrial equipment lying at various remote location makes this effort even more challenging.

Any reduction in efforts and acceleration in sensor onboarding directly impacts in terms of cost to implement IoT solution.

- Onboarding of a device is time consuming process
- Devices to be onboarded are increasing with more IoT projects and complexities
- Need to design secure mode of device integration or use an IoT platform
- Creating inhouse solution involves complexity in terms of scaling, creating of UI and KPIS



## Ideal Solution

An accelerator which can enable operators to quickly configure sensor & gateway connections and enable fast onboarding of devices.

The expectation from solution is, also to onboard the sensors on an existing IoT platform, which will boost the customer confidence in terms of scalability and performance.

- Quick onboarding of devices
- Rapid onboarding activity reduces the onboarding cost (in terms of technician)
- Security is in built, with flexibility to leverage any cloud Gateway (Azure IoT Hub, AWS IoT )
- Provides an environment for quickly ingesting device data, and defining KPIs & dashboards



## Desired Outcomes

Template based approach enables quick onboarding of sensors and Gateway devices.

Also the concept of Open Gateway enables operators to quickly configure the sensor to gateway device connection.

- Reduce 2-week onboarding task to few hours
- Predictable onboarding activity as (Sensor to Gateway connection bundles) are tested in lab before they are sent to field
- Quick overview of all the sensor status (location and health)

