



Fast-track Device Onboarding

Solution to accelerate IoT application development (device onboarding to data dashboarding and reporting)



IoT is becoming one of the key enablers to drive digital transformation in various industries. However, executing an IoT project brings forward some unique demands like rapid deployment and onboarding of sensors, establishing a secure data pipeline & data processing element, and a sleek dashboarding capabilities to present the KPIs.

What is Device and Data Management (DDM)?

LTIM's DDM is an accelerator solution that enables customer to quickly onboard devices, sensors and gateway, define KPI dashboards and monitor device health & connectivity status. Customer can quickly visualize their business outcomes, as the solution accelerates the whole cycle of IoT project implementation. The accelerator also enables, quick ramp up of the whole IoT solution from couple of devices to millions of connected sensors



Why customers use DDM

- Enable rapid onboarding of IoT Devices
- Configuring Sensor and gateway connectivity details like Modbus, OPC etc from the solution
- Template based device definitions
- Quickly define KPIs & dashboards
- Easily scale up from couple of devices to millions of devices
- Connectivity status monitoring
- Device health monitoring

Rapid Device Onboarding

- Template based definitions
- Configuring connectivity between sensors & gateway
- Leverage Azure IoT Hub services for onboarding devices to Cloud Gateway

Fast and easy data visualization

- Leverage Grafana dashboards and panels for defining business user specific KPIs
- Visualize various sensor data (telemetry, aggregation, KPIs etc)
- Monitor for threshold breach and raise alarms and events

Live device monitoring

- Real time monitoring of device connectivity status
- Device operational log tracking for checking device health