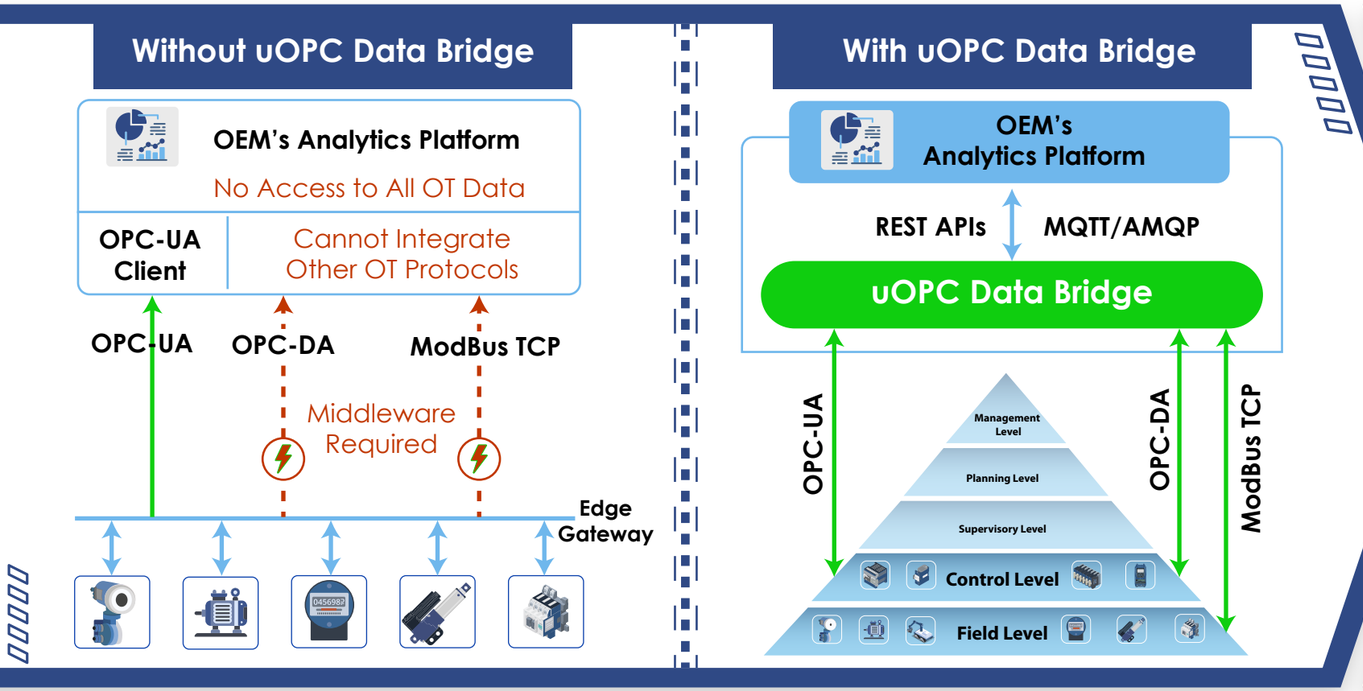
# **uOPC Data Bridge** as a Protocol Bridge for OEM's Analytics Platform

utthunga
Engineering Transformation




## Challenges

- OEM's architecture not supporting **heterogenous field devices**
- Inability to perform comprehensive **predictive maintenance** and **condition monitoring**
- Timely **customer service**, **maintenance** and **warranty** handling

## Solution

- Seamless **integration of uOPC Data Bridge** with the OEM's Analytics Platform
- Connecting **OEM's OT data sources** via OPC-Classic, OPC-UA & Modbus TCP
- MQTT/AMQP brokers for **harmonious connectivity** with Enterprise applications
- REST API-based product configuration **without using the UI**

## Benefits

- **Real-time OT-Data** availability for OEMs
- **Connectivity of field-devices** with Analytics Platform
- Leveraging **OEM's Algorithms** for predictive maintenance
- **Centralized monitoring** of distributed field devices

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