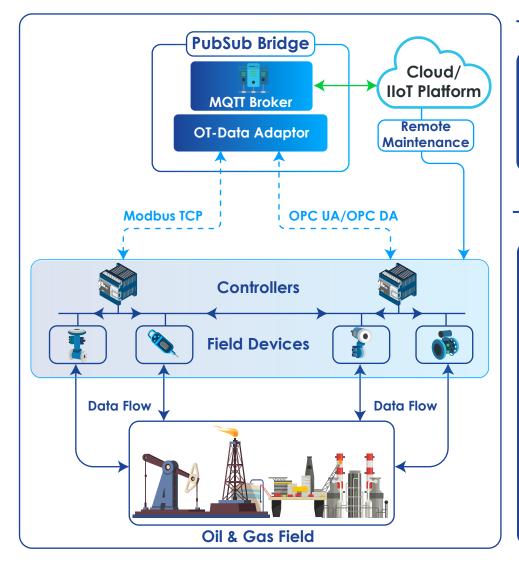
## Asset Health Monitoring in O&G Fields Using uOPC PubSub Bridge





## Challenges





Reporting errors due to manual maintenance



Insecure data transfer from field devices to Cloud



Interoperability issues due to limited connectivity

## Solution

- Single solution uOPC PubSub Bridge addressing all challenges
- Field asset connectivity supporting OPC Classic, OPC UA/DA, & Modbus TCP
- **IIoT platform connectivity** supported by MQTT broker
- Data availability in OPC-UA PubSub format for cloud-platform scalability

## **Benefits**

- **20% more** field devices connected to the IIoT platform
  - **Secure data transfer** from Field Assets to Cloud across the DMZ & Firewall



**30% reduction in** plant visits due to remote configuration capabilities



8% reduction in device & equipment downtime due to real-time data availability







