Water Pressure Monitoring

Customer:

Mycena Ltd

Complete – future orders possible

KEY VALUE PROPOSITION

Monitors and logs the water pressure in 8 zones of leak testing at a major car factory in the UK. These values were logged manually for auditing purposes, so the automatic recording & logging of this data saved man hours and increased the data accuracy.

MARKET ASSESSMENT

Addressed market

- Smart Factory - Automotive

Customer segment

- System Integrators
- Automotive
- Other manufacturing plants which require data logging

Value proposition

- Reduces time previously spent manually logging the data
- Easy and quick to deploy a wireless system
- Delivers email alarms, real time status and logged data

TECHNICAL ASSESSMENT

Technical requirements for use case

- Wireless Sensors send data to Local Gateways
- Accuracy of <0.25% FSD and battery life > 5 years

Existing technology building blocks

- IWPT Wireless Sensors
- IoT Gateway sends data to cloud server for storage, display and alarming

Technical development needed

- None required

Internal and external capabilities

- Internal – Existing range of IWT wireless sensors
- External – long length PT100 sensors

KEY CHALLENGES

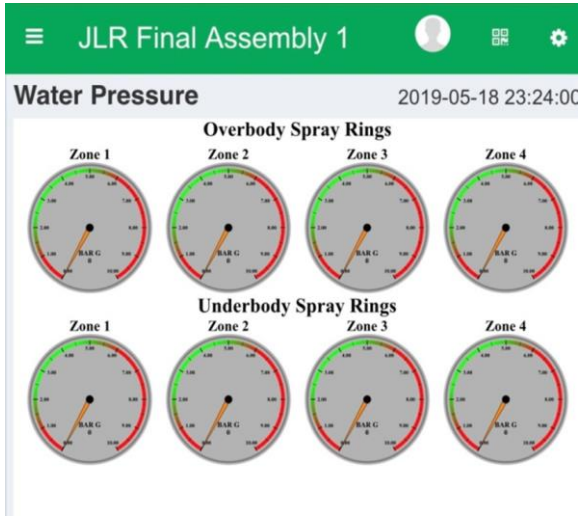
1. This was a straightforward application for existing IWPT transmitters and the IoT-Gateway

KEY OPPORTUNITIES

1. A standard application which demonstrates one of many potential use cases for the IWT system

NEXT STEPS

1. Develop a product launch strategy for the IWT/IWR range
2. Approach System Integrators and offer the system as a standard off the shelf solution for small scale monitoring projects



Key highlights of the project

- Used standard IWPT Wireless Pressure sensors
- Provides logging, display and alarm emails if pressure drops out of acceptable limits