



EtherWAN

www.etherwan.com

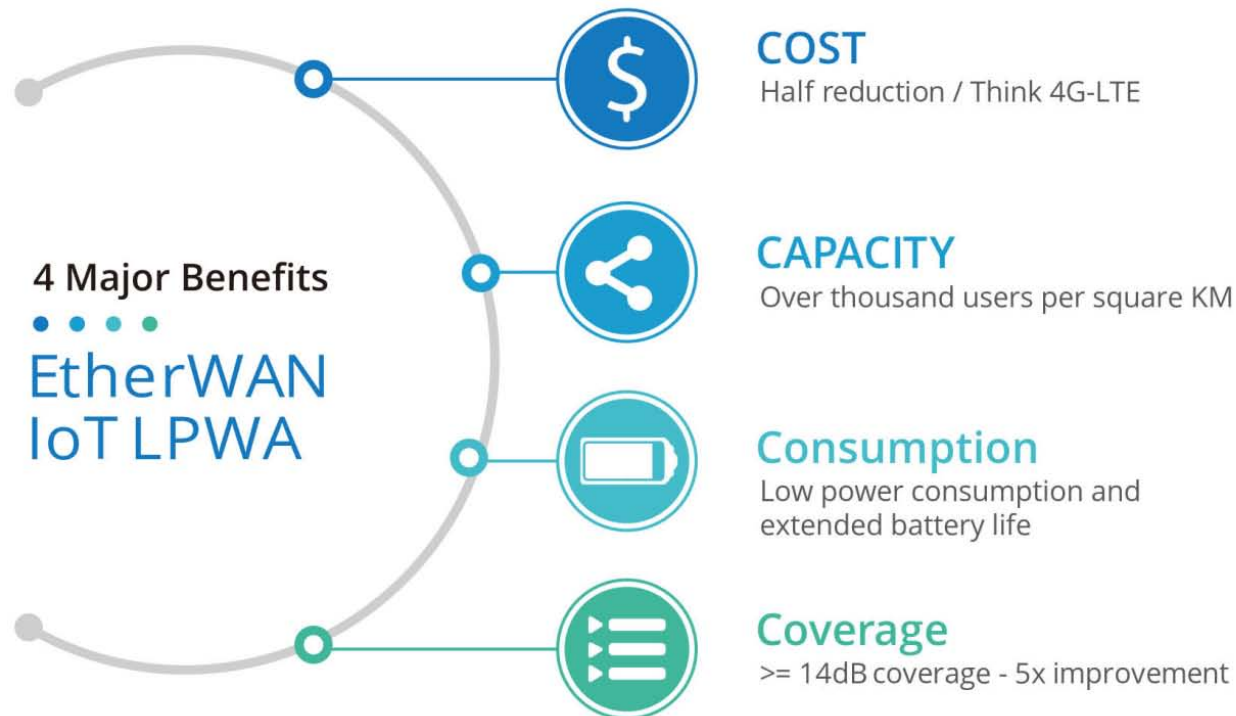
EDGE Series Launch Kit

Industrial Smart IoT LPWA Edge Node Solution

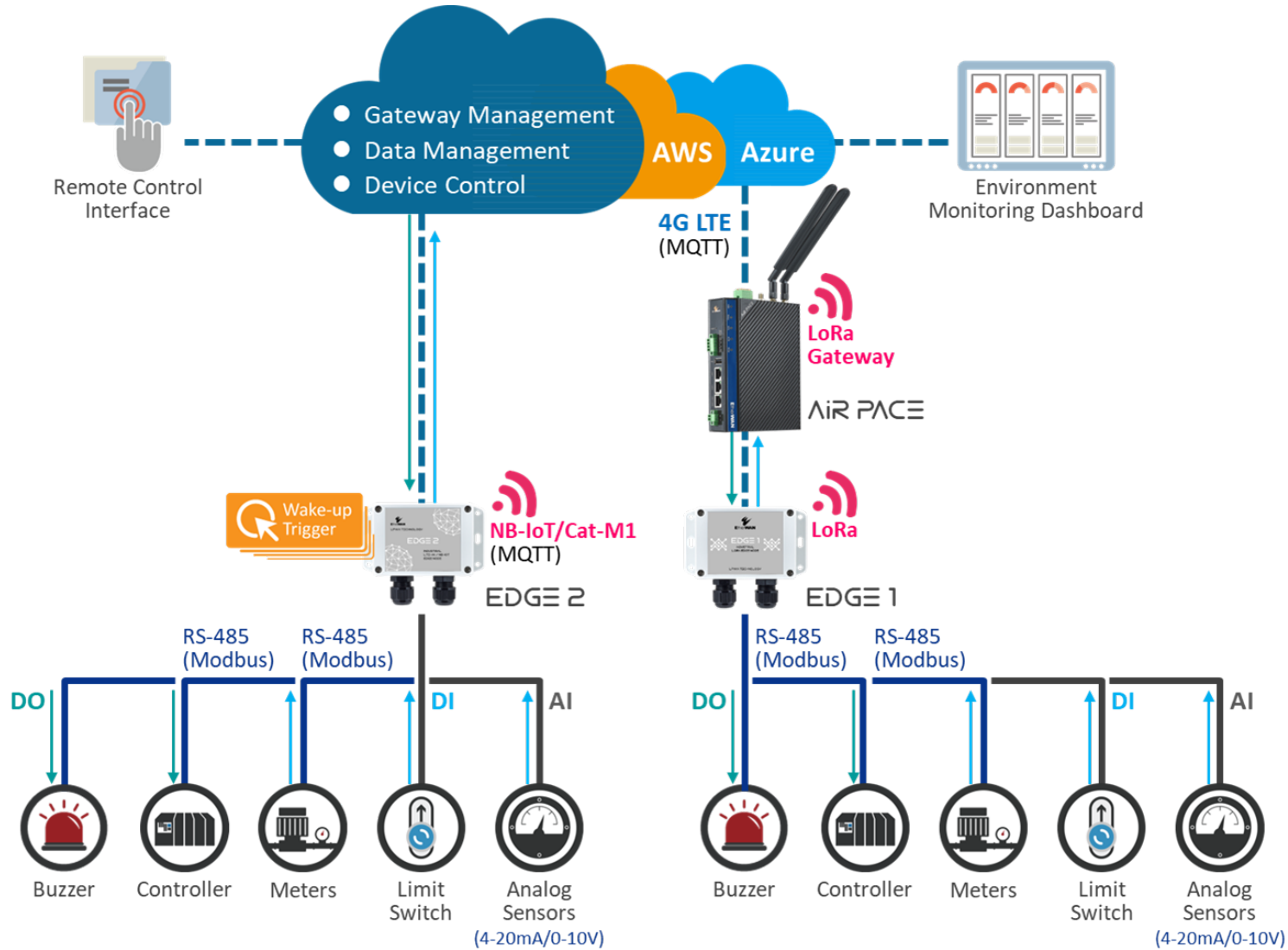


By PM-1/Joseph

IIoT Connectivity – LPWA Solution



IIoT LPWA Connectivity



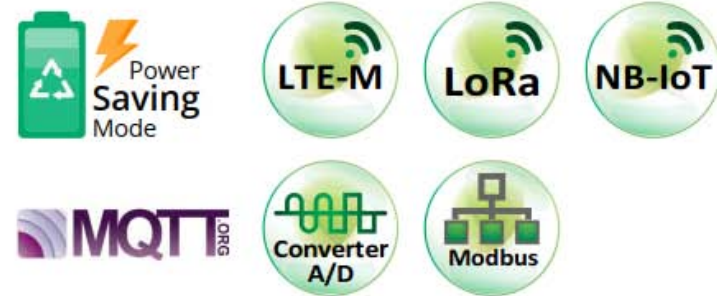


EDGE Series

IoT LPWA Solution

Edge 1: Industrial LoRa Edge Node

Edge 2: Industrial LTE-M/NB-IoT Edge Node



EDGE series products are Internet of Things devices which speed up IoT project deployment on field sites in an easy and scalable way. There are two major wireless LPWA solutions: LoRaWAN™ and LTE NB-IoT/Cat-M1 are deployed on the Edge nodes products respectively, fulfilling wireless monitoring and controlling needs under an IoT framework. The EDGE 1 deploys LoRaWAN™ wireless technology to provide field asset connectivity to AiR PACE Smart LoRa IoT Edge Computing Gateway with 4G LTE Backhaul & Network Server in low data rates over long distances. The EDGE 2 conveniently and transparently connects the existing field site sensors/serial devices with only basic configuration to NB-IoT/Cat-M1 Internet network.



EDGE Series

IoT LPWA Solution

EDGE 1 Industrial **LoRa** Edge Node

EDGE 2 Industrial **LTE-M/NB-IoT** Edge Node

- ✓ 3AI + 2DI + 1DO + 3 RS485 Modbus/RTU
- ✓ MQTT
- ✓ 16MB Log Storage (EDGE 2), **Scheduled** Uplink
- ✓ **Remote Control** (Downlink Control)
- ✓ **Threshold to Warning**
- ✓ Remote Control when VDC powered (DO output) *Only EDGE 2 Currently
- ✓ **Ready to cloud** (AWS & Azure) connectivity
- ✓ 4000mAh Battery, or external 5-12VDC Power
- ✓ IP65

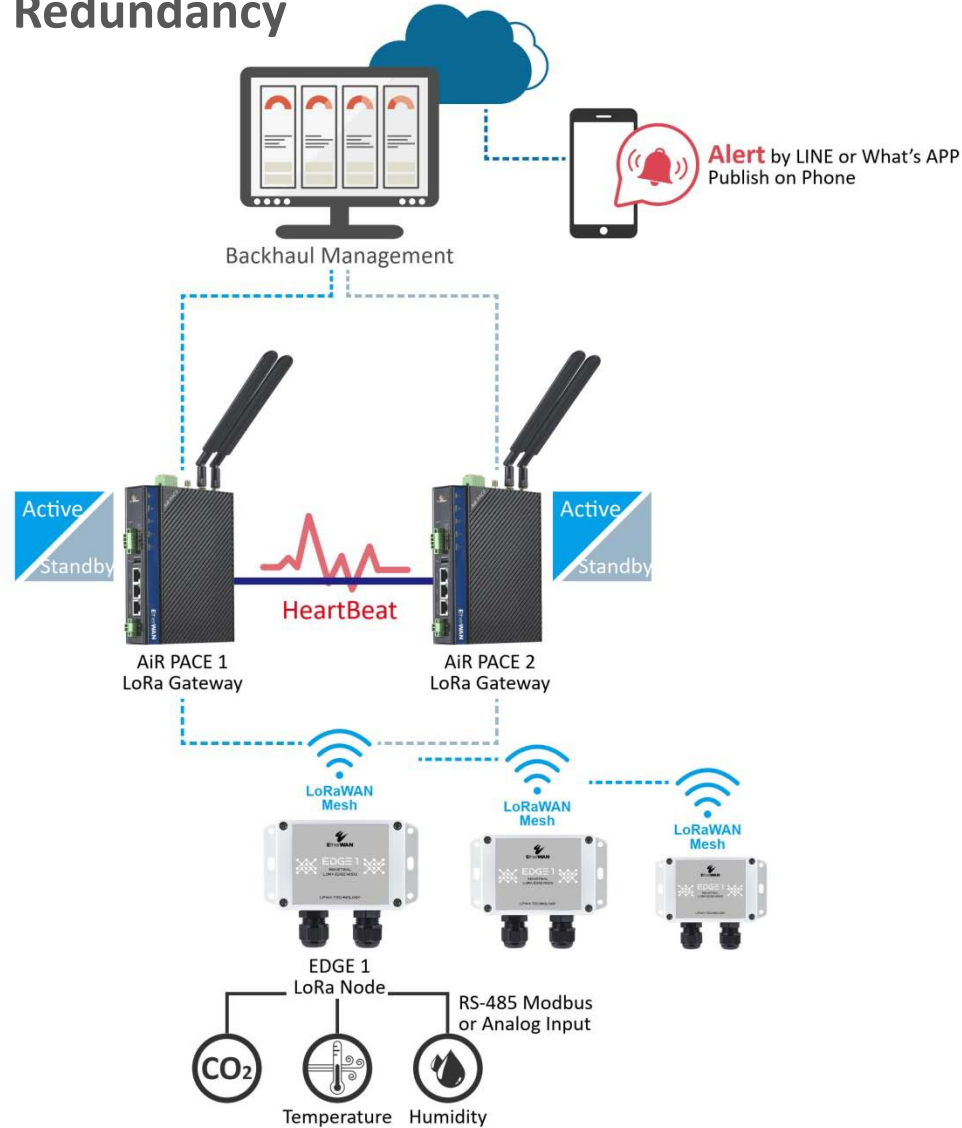


3 Steps for Field Site IoT Deployment



EtherWAN LoRaWAN

EtherWAN LoRaWAN Redundancy



THANK YOU

