



EtherWAN

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AiR PACE

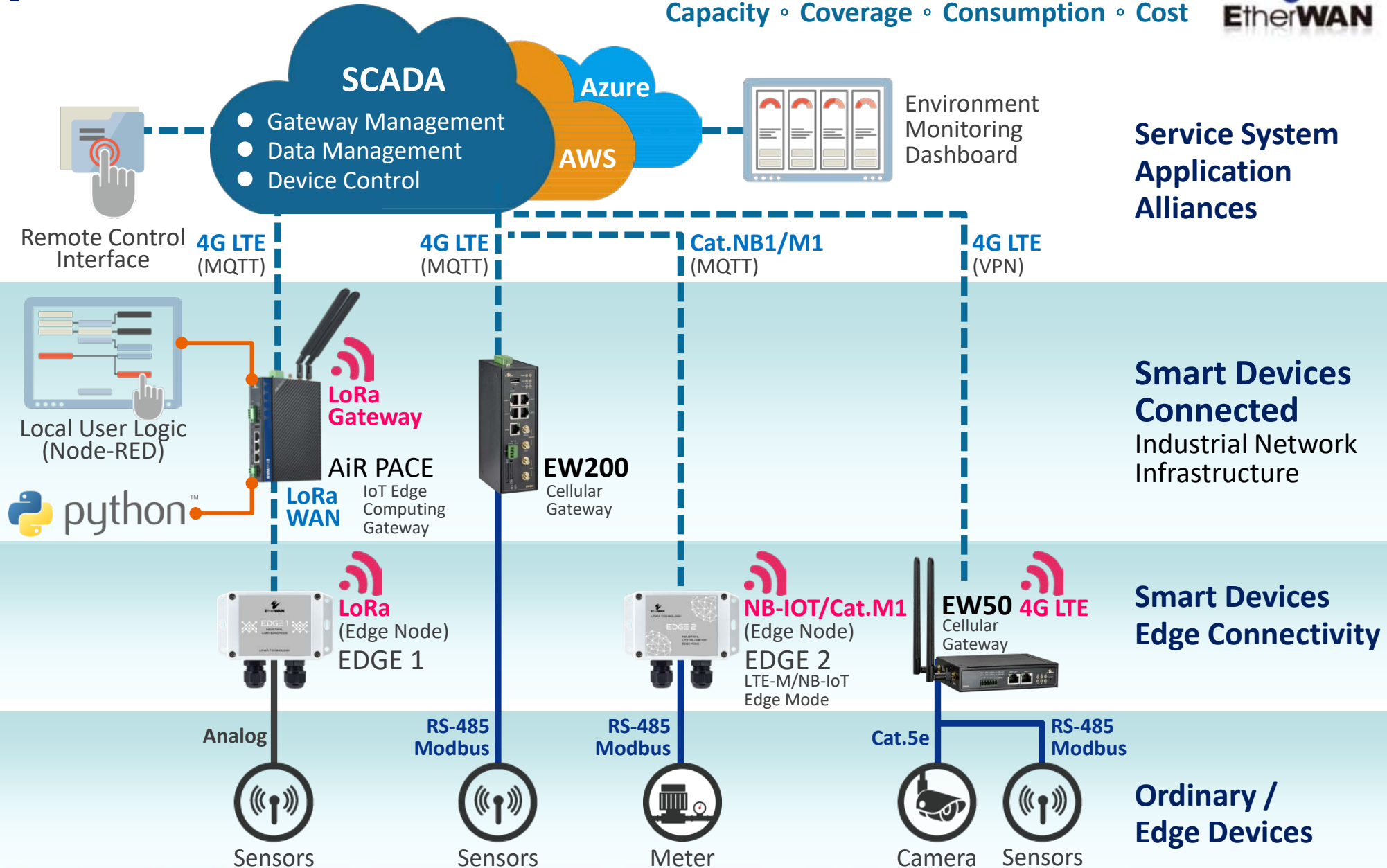
Industrial Smart IoT Edge Computing Gateway



By PM-1/Joseph

IoT Connectivity

Capacity • Coverage • Consumption • Cost



AiR PACE

Rediscover Data From The Edge

Industrial Smart IoT Edge Computing Gateway (CX & CL Series)



AiR PACE, the EtherWAN Industrial Smart IoT Edge Computing Gateway for Internet of Things (IoT), is a configurable and manageable wireless gateway. The AiR PACE features various interfaces and supports useful user application tools to meet IoT applications. It provides real-time data analysis and intelligent processing at the fieldbus edge, which is more effective and secure. The AiR PACE is both Microsoft Azure IoT edge certified and AWS IoT Greengrass qualified. Quick-to-deploy, the AiR PACE smart gateway can be tailored to any IoT application needs.

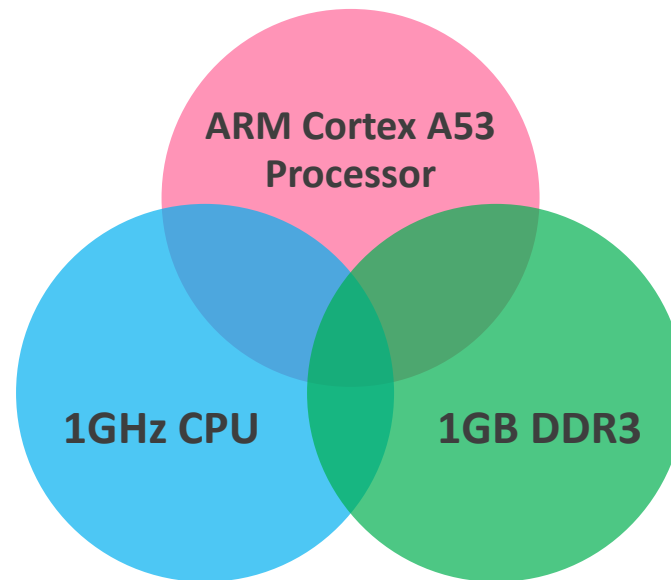


Rediscover Data from AiR PACE

Outstanding features- Edge Computing Enablement

Powerful Edge Computing ability on AiR PACE

H/W wise: ARM Cortex-A53 processor, 1GHz main frequency, up to 1GB DDR3 RAM and 8GB eMMC FLASH give the gateway powerful edge computing capabilities to perform data optimization, real-time response, agile connection, smart applications, security and privacy protection at the IoT edge



S/W wise: Build in the edge computing S/W platform (Greengrass) of AWS, will get a facelift in the form of machine learning inference support. Plan to build in Microsoft Azure Edge Runtime of Azure IoT hub for user to select for application.



Rediscover Data from AiR PACE

Outstanding Features

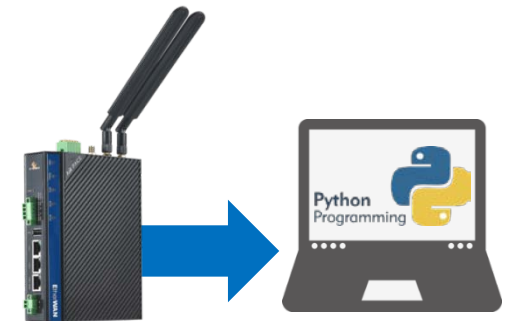
Compatible with **Multiple Industrial Protocols** on AiR PACE

To adapt to the broadly diversified IoT industry, AiR PACE is compatible with a rich selection of mainstream industrial protocols and fieldbuses, including:

- Modbus TCP, Modbus RTU
- MQTT for IoT Cloud Access

Python Custom Development Platform on AiR PACE

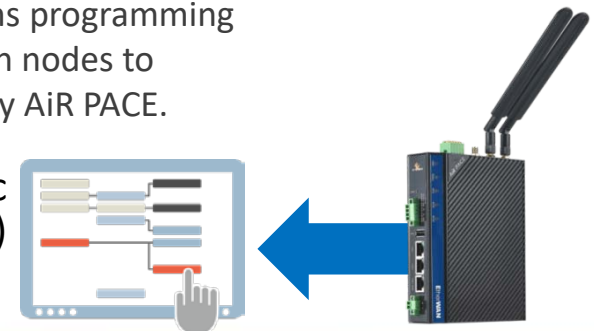
Embedded with support of the Python development platform that features a standard Python 2.7 distribution, allow you to develop and test applications. Python is specifically designed to implement business logic straight at the device level. Using this coding language you can reduce the volume of data that you have to deal with and make the deployment short time to market



Friendly User Applications ~ Node-RED on AiR PACE

AiR PACE offers flexible data acquisition, processing and hand-off via an inbuilt Node-RED user applications environment. Node-RED is a powerful, yet simple to use, applications programming environment optimized for processing data streams. Users drag and drop function nodes to acquire, process and output data, via an internal web server interface provided by AiR PACE.

Local User Logic
(Node-RED)

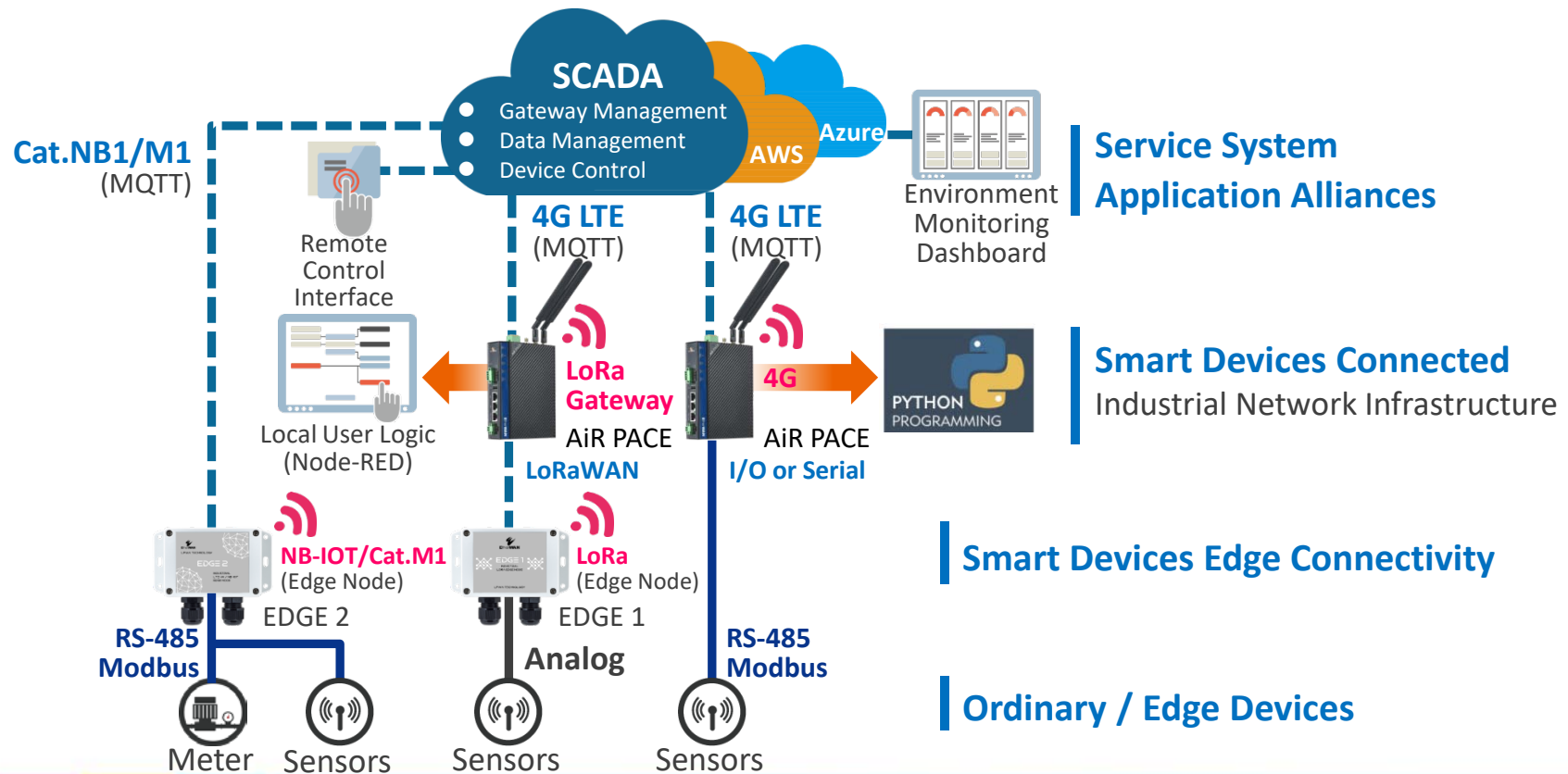


2 models on AiR PACE Series – 4G & LoRa

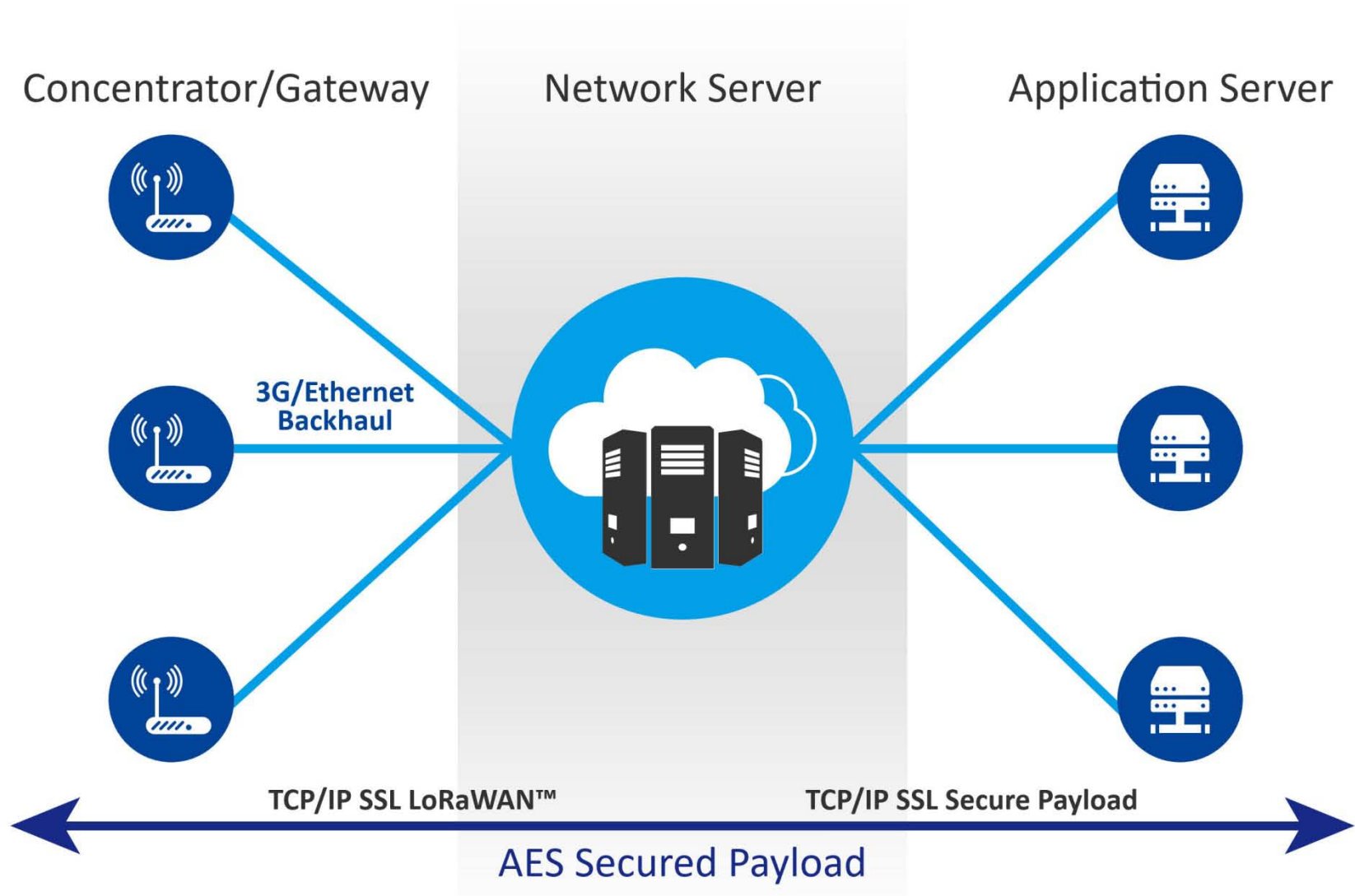


4G LTE Gateway	Description	RF	Region
AiR PACE 1-TA-CX	Industrial Smart IoT Edge Computing Gateway	Cellular LTE Cat. 4	Taiwan & Australia
AiR PACE 1-EA-CX	Industrial Smart IoT Edge Computing Gateway	Cellular LTE Cat. 4	EU & APAC

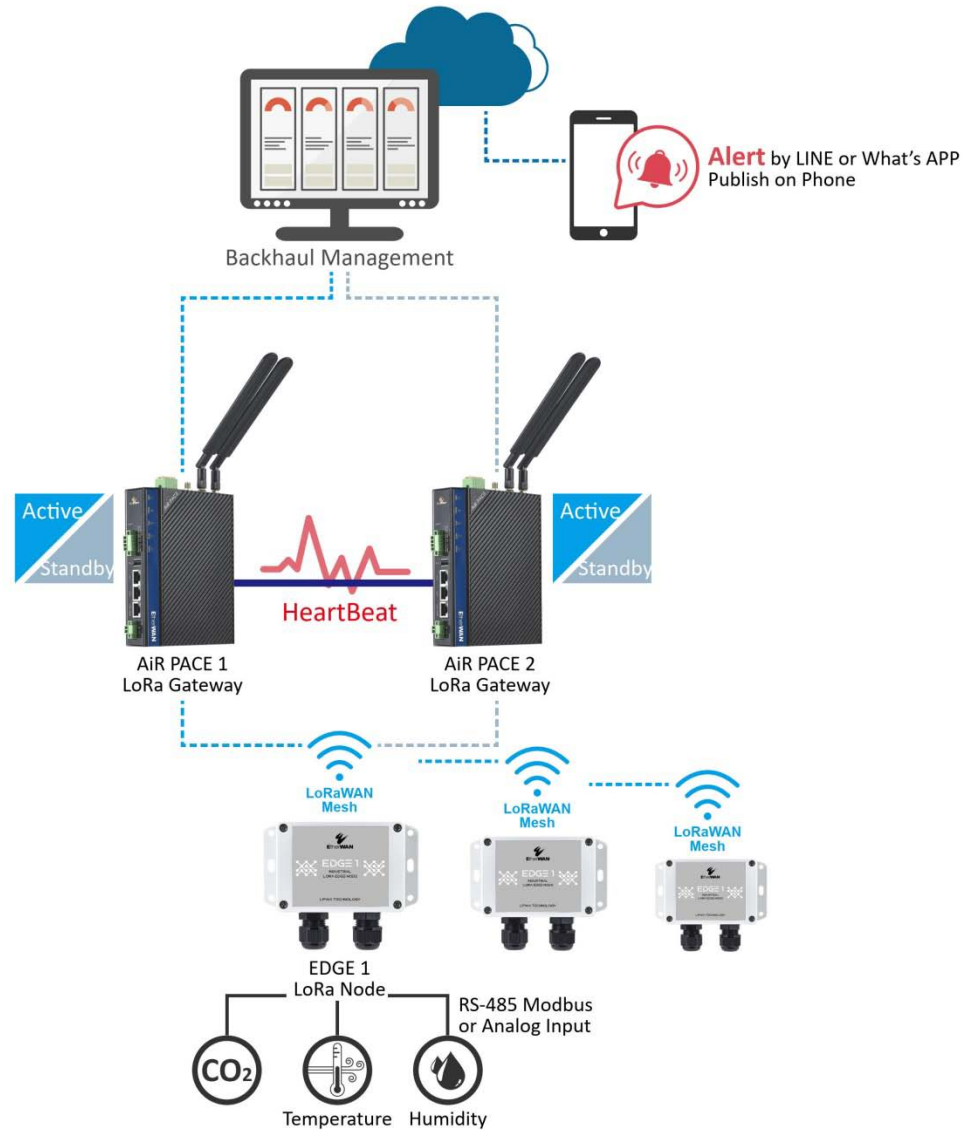
4G LTE & LoRa Gateway	Description	RF	Region
AiR PACE 1-TA-CL	Industrial Smart IoT LoRa Edge Computing Gateway with 4G LTE Backhaul & Network Server	Cellular LTE Cat. 4 & LoRa	Taiwan & Australia
AiR PACE 1-EA-CL	Industrial Smart IoT LoRa Edge Computing Gateway with 4G LTE Backhaul & Network Server	Cellular LTE Cat. 4 & LoRa	APAC
AiR PACE 1-EU-CL	Industrial Smart IoT LoRa Edge Computing Gateway with 4G LTE Backhaul & Network Server	Cellular LTE Cat. 4 & LoRa	EU & Vietnam



AiR PACE LoRa GW model embedded LoRaWAN 3 in 1



EtherWAN LoRaWAN Redundancy



Thank you

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