



**Sensors**



**Switches**



**Controls**

## Application notes



**Application Note : January 2021**

**Market involved : Energy efficiency**

**Product : UWPAM1US1L1X, UWPAM1US1L2X**

**Customer : Installers, System Integrators**

**Subject : Long range wireless network for remote aggregation of energy efficiency data**

### CUSTOMER ISSUE :

A facility manager has implemented a LoRaWAN® network into a big building in order to provide distributed services (i.e. room occupancy management).

It is now required to use the same network to also convey metered data to the central Energy Management System (EMS).

### OUR SOLUTION :

The UWP-A converts each meter into a LoRaWAN® endpoint, joining the target facility's network.

Metered data is conveyed directly into the EMS for further elaboration.

### BENEFITS :

- By converting a meter into a standard IIoT endpoint, the re-use concept comes to reality, helping the facility manager to minimize costs and deploying services more efficiently.