



Sensors



Switches



Controls

Application notes



Application Note : January 2021

Market involved : Energy efficiency

Product : UWPAM1US1L1X, UWPAM1US1L2X

Customer : ESCOs

Subject : Large scale Smart Cities deployment of energy efficiency monitoring systems

CUSTOMER ISSUE :

An Energy Service Company (ESCO), that provides energy efficiency based services, owns a LoRaWAN® network which covers many cities.

The ESCo wants to cut the total cost of ownership of the whole network.

This can be done by directly joining the meters into the LoRaWAN® network.

OUR SOLUTION :

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

Metered data is conveyed directly into the ESCo's LoRaWAN® network for further elaboration.

BENEFITS :

- By converting a meter into a standard IIoT endpoint, the Smart City concept becomes a reality, helping the ESCo to minimize costs and deploying services to more and more customers.