



meazon
measure | monitor | manage

CASE STUDY

Energy management:
The case of Piraeus
municipality

meazon.com

Description

- Meazon acting as Cosmote subcontractor implemented in Piraeus municipality its building energy management solution
- Implementation of Meazon's technology allows the **management of energy consumption in public infrastructures and buildings as well as the "smart" management of indoor lighting, water consumption of buildings** and monitoring of parameters such as temperature, humidity, air quality, presence and brightness
- The system integrates Meazon's meters, controllers and 3rd party sensors into a wireless mesh (Zigbee) networking hub (Janus gateway). Mobile connectivity (NB-IoT, 3G, GPRS) and Wi-Fi are also used in buildings that don't require any other sensors installation



Customer objectives & challenges



- Manage, control and reduce energy consumption in public buildings of Piraeus municipality
- Implement an open platform that can manage various types of meters, controllers and sensors
- Receive reports and alarms
- Integrate Meazon BEMS into municipality's smart city platform



Key Benefits

- End to end, secure, scalable and flexible
- Modular and tailor made to the needs of each corporate customer.
- Can start small and grow large, managing, real time, the energy in multiple geographically distributed sites and buildings, keeping the total cost of ownership low
- It can support services such as multi tenant billing, energy analytics, customized reporting and forecasting
- Its installation is easy, and its use is simple
- Mobile connectivity (NB-IoT , 3G, GPRS) energy data communication option, increasing coverage and cost efficiency. No more need for a field gateway. Even easier to install and maintain. Work with new business models such as measure as a service

