



Hervé Thermique

France

The integrated smart LoRaWAN option board for Itron CF Echo II, CF 51/55 heat and cooling meters has been successfully tested by our French customer Hervé Thermique.

BACKGROUND

Founded in 1972, Hervé Thermique is the historic subsidiary of the Energy Services Pole of the HERVE Group. Its business skills are available through climate engineering, electrical engineering, energy performance, renewable energies, swimming pool-water treatment and specific programs.

The Installation & Works activities as well as the Multi service & Maintenance come to supplement and federate the know-how of the company. In total, Hervé Thermique and its subsidiaries bring together more than 2,900 specialists working on the design, implementation, assistance, maintenance and management of their customers' projects. Hervé Thermique was one of the first companies to integrate digital technology into its activities in France.

Itron Sales team in France has developed over the last 10 years a strong commercial and technical partnership with Hervé Thermique. For this reason we were very happy that our customer accepted in October 2019 to proceed a field test with the new Itron LoRaWAN option board. The project was concerning "Les Terrasses du Port" : a shoppingmall in Marseille, France.

In this mall, 150 Heat meters equipped with the new Itron LoRaWAN board have been installed to measure, collect and transmit the energy data of the combined heating and cooling network. These data are collected by a private LoRaWAN network, composed of 12 LoRaWAN gateways. The monitoring and management of the heating and cooling installation is much more easy and efficient.



HERVÉ THERMIQUE

**Clément Lemaire,
IOT Project Manager
Hervé Thermique**

"The implementation of the new metering and LoRaWAN solution by Itron have allowed us to answer perfectly to our customer needs. This solution will help us to monitor more easily the heating and cooling installation. The Itron teams has been very professional and reactive to make this project a success."

**Rémi Desmist,
Sr. Sales Manager Itron,
Heat & Allocation, France**

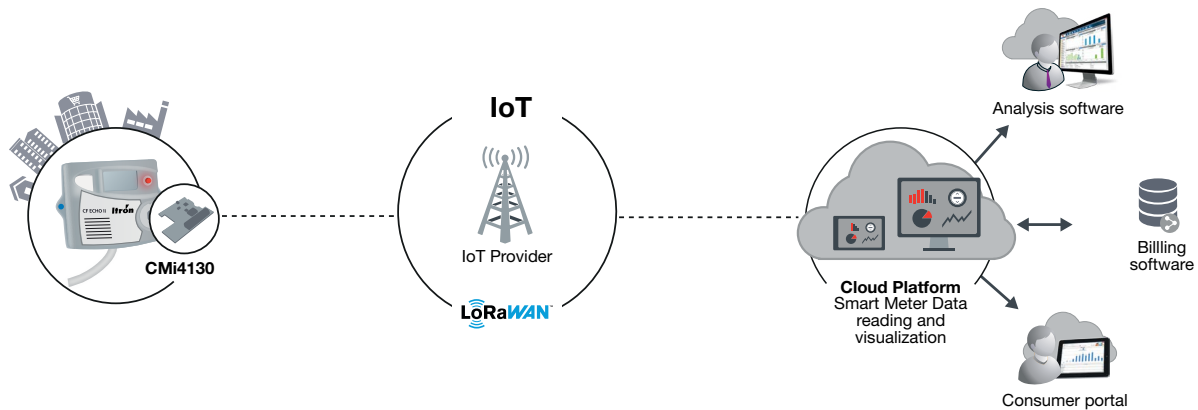
"This contract demonstrates Itron's ability to effectively meet customers' needs across metering and AMR. Every stakeholders have positively contributed to this project, and we can be proud of the result as it represents a strong and consistent show case. Other similar projects are already under preparation."



Shoppingmall Marseille, France

ITRONS IOT SOLUTION FOR HEAT AND COOLING METERING

LoRaWAN stands for Long Range Wide Area Network and is a Low Power Wide Area Network (LPWAN) standard for wireless communication on the unlicensed frequency spectrum (868 MHz in Europe). LoRaWAN is developed for applications where long range and extensive battery-life are required (and limited bandwidth is not an issue.)



The CMi4130 LoRaWAN option board is mounted inside an Itron CF Echo II, CF 51/55 heat or cooling meter to deliver meter data to a receiving server via a LoRaWAN network. The product is energy-efficient, has a long communication range and is easily retrofitted inside an already-deployed meter. With this innovative option board, Itron offers a meter module designed for customers that require a cost-effective solution with less demand for bandwidth.



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