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Hello,

FLUDIA Newsletter is back with new topics: our stand at IBS, our European distributors, the online tools available and our tagawatt solution.



Fludia at the next IBS show in Paris

This year, Fludia is exhibiting at **IBS - Intelligent Building System** on 13 and 14 November in Paris - Porte de Versailles (Pavillon 2.2). IBS is the leading exhibition for the energy performance of commercial, industrial and public buildings, a major event dedicated to innovative technologies for more intelligent... and more energy-efficient buildings! Nearly 200 exhibitors and 7,000 professionals will be attending the event.



Join us on **stand A15** to discuss your projects. This will also be an opportunity for us to present the final version of tagawatt, our innovative 'plug&play' submetering solution. Don't miss this event!

To find out more about the IBS show and get your badge: <https://www.ibs-event.com/>



Fludia products available in Europe

To buy Fludia's LoRaWAN products, you can contact us directly or go through our shop (<https://shop.fludia.com/>), but you can also find our products through distributors such as:

Germany: **IoT Shop** is an online shop specialising in IoT products and solutions.

To find out more: <https://iot-shop.de/>



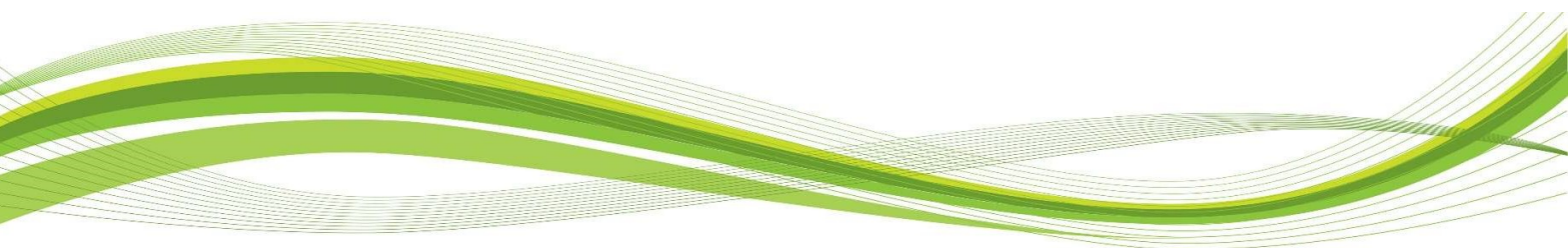
UK: **Alliot Technologies** is a European IoT solutions provider specialising in LoRaWAN sensors, gateways and network implementation.

To find out more : <https://www.alliot.co.uk/>



On **ThingPark Market**, Actility's LPWAN specialist marketplace

To find out more: <https://market.thingpark.com/>

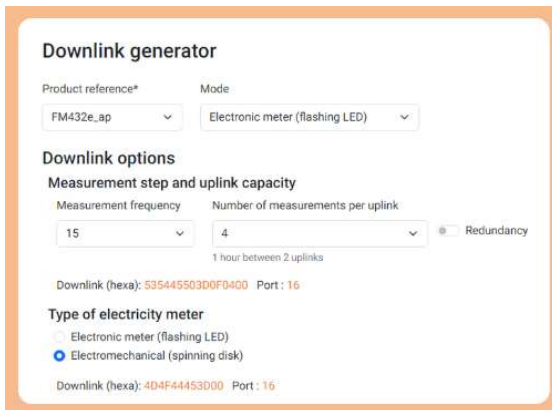




Reminder: our online tools available!

Recently, we've made some new tools available to facilitate the adoption of our LoRaWAN products. Here's a quick reminder:

- **Downlink generator:** you can now create downlink messages to remotely change the product configuration (including the number of messages per uplink and the frequency of uplinks).
- **Battery life calculator:** you can now calculate autonomy according to product type, meter type and spreading factor.



Downlink generator

Product reference*
FM432e_ap

Mode
Electronic meter (flashing LED)

Downlink options

Measurement step and uplink capacity

Measurement frequency: 15
Number of measurements per uplink: 4
1 hour between 2 uplinks

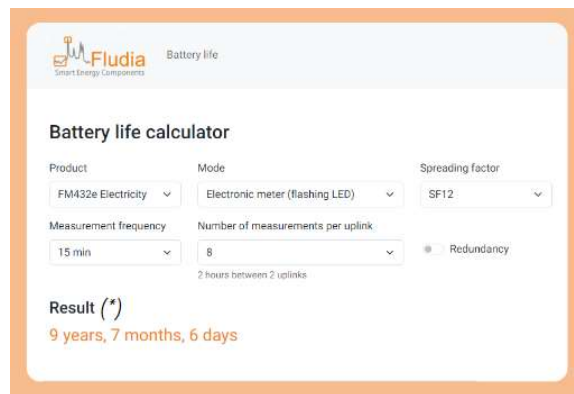
Redundancy:

Downlink (hexa): 535445503D0F0400 Port: 16

Type of electricity meter

Electronic meter (flashing LED)
 Electromechanical (spinning disk)

Downlink (hexa): 4D4F44453D00 Port: 16



Battery life calculator

Product: FM432e Electricity
Mode: Electronic meter (flashing LED)
Spreading factor: SF12

Measurement frequency: 15 min
Number of measurements per uplink: 8
2 hours between 2 uplinks

Redundancy:

Result (*)
9 years, 7 months, 6 days

To find out more: <https://www.fludia.com/resources>



tagawatt: the solution for simplifying submetering!

To go even further in the development of electricity monitoring solutions, Fludia has created **tagawatt**: a **submetering solution** dedicated to **monitoring consumption** in **small and medium-sized commercial buildings (<10,000m2)**.



This **plug&play** solution consists of 'watTag' current sensors and 'volTag' voltage sensors daisy-chained to a 'watt-L' concentrator. The concentrator connects to NB-IoT/LoRa to collect active power curves for different end-uses.

Thanks to a number of innovations, the tagawatt solution makes it possible to instrument numerous subcircuits in the electrical panel without cutting off the power supply, which considerably **reduces installation time** and greatly **simplifies the operation**.

tagawatt enables precise end-use by end-use measurement, detection of overconsumption, identification of improvement strategies and support for corrective actions.

The technical development of the solution is (finally!) coming to an end and the first production batch is about to be launched. Contact us to find out more and pre-reserve a few units! Marc Bons, +33 6 61 46 82 84, marc.bons@fludia.com

