SHOWCASE

Project name: LIBELIUM in CLOUD

Description: Libelium designs and manufactures hardware for wireless sensor networks and a complete software development kit (SDK) so that system integrators, engineering, and consultancy companies can deliver reliable Internet of Things (IoT), M2M, and Smart Cities solutions with minimum time to market.

Waspmote—Libelium's wireless sensor platform—is modular and ready to integrate with key Cloud systems (AWS by Amazon, Azure by Microsoft, BScada, DeviceLynk, Devicify, Element Blue, Esri, IBM Bluemix, IoTSens, Sentilo, Sofía2 by Indra, Solvver, Telefonica, Thing +, ThingWorx), and lowenergy IoT connectivity protocols (LoRa, MQTT, Sigfox). Libelium has decided to launch different partnership programs with software companies,in order to get closer to the final client, offering end-to-end IoT Solutions together.

One of these programs called "Cloud Partner Program" has the main target of getting flow the data measured by Libelium technologies, directly to a partner cloud platform. To that end, it is necessary to deploy a connector agent in Libelium gateway, Meshlium. Becoming a Cloud Partner means that any Libelium customer will be able to send data directly to that cloud platform, in order to storage, analyze and visualize data.

Following this program, Libelium and the Cloud Partners become technically compatible and are able to go to the market with IoT Solutions together. In fact, Libelium has launched the platform www.the-iot-marketplace.com, where different out-of-the-box kits are offered, in order to let the customers deploy proofs of concept to test our combined technologies. Smart Cities, Smart Parking, Smart Vineyards, Smart Water, Smart Agriculture, eHealth or Smart Building are just some examples of the more than 30 IoT Marketplace kits launched in 2016.

Thanks to these programs, Libelium IoT Ecosystem has increased, improving its products interoperability: more than 100 sensors, more than 15 communication protocols and more than 20 clouds to send data and create IoT Solutions. Over 10,000 developers from 120 countries in companies ranging from startups to universities to large international corporations have adopted Libelium's technology for projects in five continents.