

PRESS RELEASE

ExpertLoRaWAN is Webdyn's new powerful router for LoRa radio technology

With LoRa gaining momentum in a world that is increasingly interconnected, industrial devices that use this radio technology are becoming more prominent in the IoT universe. This kind of equipment lets you to wirelessly connect your own IoT network to low consumption devices that allow long-range transmissions with low power use, making it ideal for applications that send small amounts of data with low bit rates.

After the release of the WebdynEasy LoRaWAN, covering a wide range of LoRa applications, Webdyn launches the ExpertLoRaWAN, a powerful industrial device for this technology with all the capabilities of a router, thanks to its embedded Titan software. The equipment allows you to connect to a wide range of sensors and send the gathered data at EU868 frequency to any IoT platform using Ethernet or 4G/3G. The device is easily configured through a webserver interface. It can act as LoRa packet forwarder, but it has also an embedded LoRaWAN network server to build up a complete private network.



The ExpertLoRaWAN includes a complete software that gives all the router functionalities to a LoRa device.

Thanks to its software, Webdyn's latest equipment functions as a smart router with all its features including routing, port forwarding, datalogger, Modbus reading, etc. The ExpertLoRaWAN also provides Ethernet IP or 4G-LTE IP backhaul and its DIN rail allows for an easy installation. Another strength is its compatibility with a wide range of commercially available sensors, designed to work with LoRa technology.

The ExpertLoRaWAN can be used in endless IoT applications. In Smart Cities for instance, extremely low energy is necessary for smart parking management, where a huge network of smart parking spaces needs to send data periodically to manage the parking facilities. In Smart Home and Building management, different sensors (temperature, lighting, alarms...) and meters (electricity, water, gas...) need to be tracked a few times a day. In Smart Agriculture for instance, a monitoring of silos level and turning valves on and off is needed. In Smart Healthcare it can be very useful to track Covid-19 contacts, monitor air quality and security distance, manage monitoring devices, etc. The same can be said for many other IoT vertical sectors like Smart Metering, Industry 4.0, Smart Retail, Smart Supply Chain & Logistics, and more.

ExpertLoRaWAN grants its clients the reduction of maintenance costs and optimised energy efficiency, making it Webdyn's best solution for any IoT application that requires long-range data transmissions that need a smart device with a complete embedded software.

ABOUT WEBDYN

Webdyn is the brand of Flexitron Group dedicated to design and manufacture industrial IoT solutions, routers, modems and gateways for wireless communication GSM (LTE/4G/3G/2G), wired (RS232, RS485, Ethernet, etc.) and short-range wireless (Bluetooth), WiFi or LoRa). Its aim is to create a more sustainable and smart world through IoT, offering both communication devices and comprehensive solutions for all vertical sectors.

Website: www.webdyn.com

LinkedIn: <https://www.linkedin.com/company/webdyn/>

Twitter: @m2mwebdyn (<https://twitter.com/m2mwebdyn>)

CONTACT

Marta Vergara - Spain

marta.vergara@webdyn.com

+34 915602737

Priscillia Colleaux - France

priscillia.colleaux@webdyn.com

+33 139042940

DISCLAIMER

Some of the statements in this press release may be forward-looking statements or statements of future expectations based on currently available information. Such statements are naturally subject to risks and uncertainties. Factors such as the development of general economic conditions, future market conditions, unusual catastrophic loss events, changes in the capital markets and other circumstances may cause the actual events or results to be materially different from those anticipated by such statements. Webdyn does not make any representation or warranty, express or implied, as to the accuracy, completeness, or updated status of such statements. Therefore, in no case whatsoever will Webdyn be liable to anyone for any decision made or action taken in conjunction with the information and/or statements in this press release or for any related damages.

The current release and the information contained therein do not constitute an offer to sell or to subscribe, nor a solicitation for an order to purchase.