

Press release



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IMST GmbH introduces the new LoRaWAN® certified Wireless M-Bus Range Extender

New product to increase the range of existing metering networks

Kamp-Lintfort, Germany, 09.07.2020 – Following on the success of the LoRa® product portfolio, IMST GmbH presents the new LoRaWAN® certified WM-Bus Range Extender to collect Wireless M-Bus messages from utility meters and forward them to a LoRaWAN® network.

“The LoRa® modulation is a perfect mean to increase the range of wireless communication systems. The new [WM-Bus Range Extender](#) combines two modulation technics and communication protocol stacks in one single device.” says Heinz Syrzisko, head of the Wireless Solutions department. “The integrated memory and the ultra-low power mode provided by the new [iM881A-XL](#) radio module ensure a long battery life of up to 10 years and more.”

This product allows filtering Wireless M-Bus messages by Manufacturer ID (M-field) and Sender Address (A-field) to select specific groups of meters. The intelligent calendar enables a flexible configuration of events and repetition interval (minutes, hours, days, weeks...). Even large WM-Bus messages can be forwarded with LoRaWAN® radio packets by means of an integrated segmentation and reassembly protocol.

IMST GmbH

IMST is a leading design and development centre for radar, radio modules, communication systems, chip design, antennas and regulatory certification and has its own accredited test centre. IMST offers both standard products such as radio modules with hardware/software and complete system and product developments. Further information is also available at www.imst.de

Contact:

Birthe Jungbluth, Marketing Consultant
Phone: +49 2842 981 191; birthe.jungbluth@imst.de

IMST GmbH

Carl-Friedrich-Gauss-Str. 2-4
47475 Kamp-Lintfort / Germany
www.imst.de