NAS Nordic Automation Systems

PRESS RELEASE

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Nordic Automation Systems launches open access for its LoRaWAN™ gateway

Beside collaborating with many cities to build LoRaWAN™ network worldwide, the developer and manufacturer of LoRaWAN™ products, Nordic Automation Systems intends to increase the awareness of LoRa® technology by launching public LoRaWAN™ gateway in the south of Estonia with the University of Tartu.

“Tartu University computer engineering program is designed to train the engineers and leading specialists in the Estonian information and communication sector. LoRaWAN™ gateway by Nordic Automation Systems enables the effective development of practical learning, while students can use the new possibilities for their theses,” says Alvo Aabloo, the professor of the Institute of Technology in Tartu.

“In addition to the development of teaching, the gateway also holds a practical output. Intelligent Materials and Systems Laboratory cooperates with many Estonian and European companies in the field of Internet of Things and portable electronics. LoRaWAN™ is one of the leading technologies in the world at the moment, which allows the development of low-energy IoT solutions” he adds.

Moreover, the gateway, which is free to use for companies around the area, provides the university with the opportunity for innovative LoRaWAN™ applications. Therefore, the area developers now have the opportunity to test their prototypes and later bring them to market.

“The essential purpose of building the public LoRaWAN™ gateway is to give students and researchers more opportunities to experiment with LoRaWAN™ infrastructure,” says Viljo Veesaar, the CEO of Nordic Automation Systems. “We aim to support the development of LoRa® technology, so providing free LoRaWAN™ infrastructure allows a considerably faster way to get started with the low-power and low-energy network and encourages the invention of present and future innovative smart city solutions.”

“Since the University of Tartu is the leading centre of research and training in Estonia, it is the ideal community to develop cutting-edge IoT solutions in Estonia” he adds.

Thus far, LoRaWAN™ gateways manufactured by Nordic Automation Systems have gained considerable interest worldwide. Not only has the company sold their gateways in all con-

tinents around the globe, they also collaborate in international projects to develop a long-range network facilitating Internet of Things applications in many different industries.
The recently launched gateway, which is able to support thousands of nodes, operates in the 868MHz frequency range and can provide connectivity up to 15 kilometres.

About the University of Tartu

University of Tartu (UT) is Estonia's leading centre of research and training. It preserves the culture of the Estonian people and spearheads the country's reputation in research and provision of higher education. UT belongs to the top 2% of world's best universities. As Estonia's national university, UT stresses the importance of international co-operation and partnerships with reputable research universities all over the world. The robust research potential of the university is evidenced by the fact that the University of Tartu has been invited to join the Coimbra Group, a prestigious club of renowned research universities. Intelligent Materials and Systems Laboratory is an interdisciplinary research group established in 2003 in University of Tartu, Institute of Technology. For further information about the University of Tartu, please visit their website at http://www.ut.ee/en

About Nordic Automation Systems
Nordic Automation Systems (NAS) is an industrial automation company. NAS creates sensor technologies, data analysis and monitoring solutions. They believe in the world with precise data and less tedious repetitive manual tasks.
LoRa® technology enables them to provide end-to-end LoRaWAN™ – smart metering, smart monitoring, smart city and industrial IoT applications. NAS has Norwegian and Estonian offices and customers in every continent. They opened the first LoRaWAN™ network in Estonia in July 2016. For further information, please visit the company's website at www.nasys.no

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