Advantech Joins the LoRa® Alliance to Drive Industry 4.0 and Smart City Applications

January 5, 2017, Taipei– Global intelligent systems leader Advantech (2395.TW), today announced that they joined the LoRa Alliance, which is committed to developing a new industrial standard to empower the Internet of Things. Advantech will provide the LoRa gateway and sensor node devices based on the M2.COM open standard for Industry 4.0 and Smart City applications.

"The wide area coverage and low power consumption makes LoRaWAN the ideal technology for opportunities in large area industrial IoT applications. With the LoRa Alliance, we will make complete our wireless product offerings and enable more IoT applications in Industry 4.0 and Smart City scenarios," said Allan Yang, CTO of Advantech.

"By adopting LoRa Technology, Advantech can address the increasing demands for long range connectivity and low-power IoT applications." said Miller Chang, VP of Advantech Embedded-IoT Group. "Advantech commits to deliver a series of high performance IoT gateways, Edge Intelligence Servers (EIS) and M2.COM sensor devices with LoRa solutions to market."

IoT applications require technology integration and cross-industry collaboration. Advantech will keep collaborating with strategic IP/silicon, sensor, software, and system integrator partners to provide all the essential components for developing, verifying, integrating and building trusted IoT solutions that achieve faster time-to market solutions.

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About Advantech
Founded in 1983, Advantech is a leader in providing trusted, innovative products, services, and solutions. Advantech offers comprehensive system integration, hardware, software, customer-centric design services, embedded systems, automation products, and global logistics support. We cooperate closely with our partners to help provide complete solutions for a wide array of applications across a diverse range of industries. Our mission is to enable an intelligent planet with Automation and Embedded Computing products and solutions that empower the development of smarter working and living. With Advantech, there is no limit to the applications and innovations our products make possible. (Corporate Website: www.advantech.com).

About Embedded-IoT Group
As a global leader of the embedded computing market, Advantech Embedded-IoT Group not only offers a wide range of embedded design-in services but also provides diverse integrated IoT solutions that assist customers with IoT adoption while minimizing uncertainty and risk. Advantech's integrated IoT solutions include sensor nodes, gateways, Edge Intelligence Server (EIS), and the WISE-PaaS IoT software platform.
Embedded-IoT.advantech.com

Primary Media Contact:

Advantech Co., Ltd./Embedded-IoT Group
Mandy Chen
Tel: +886-2-2792-7818, Ext.9293
Mandy.Chen@advantech.com.tw

About the LoRa Alliance™
The LoRa Alliance™ is an open, non-profit association that has grown to more than 400 members since its inception in March 2015, becoming one of the largest and fastest growing alliances in the technology sector. Its members are closely collaborating and sharing their experience to promote the LoRaWAN™ protocol as the leading open global standard for secure, carrier-grade IoT LPWA connectivity.

With the technical flexibility to address multiple IoT applications, both static and mobile, and a certification program to guarantee interoperability, the LoRaWAN™ is already being deployed globally by major mobile network operators and is anticipated to widely expand in 2016.

About LoRaWAN™

The technology utilized in a LoRaWAN network is designed to connect low-cost, battery-operated sensors over long distances in harsh environments that were previously too challenging or cost prohibitive to connect. With its unique penetration capability, a LoRaWAN gateway deployed on a building or tower can connect to sensors more than 10 miles away or to water meters deployed underground or in basements. The LoRaWAN protocol offers unique and unequaled benefits in terms of bi-directionality, security, mobility and accurate localization that are not addressed by other LPWAN technologies. These benefits will enable the diverse use cases and business models that will enable deployments of large-scale LPWAN IoT networks globally.

Contact:

Tracy Hopkins, +44 (0) 7771766156
tracy.hopkins@lora-alliance.org
Or
media@LoRaAlliance.org