

Avnet Silica announces availability of Microsoft Azure Sphere enabled LoRaWAN gateways from Miromico

Highly secure and robust LoRaWAN networking solution meets the needs of wide selection of IoT applications from retail to agricultural and from smart buildings to smart cities

Brussels, Belgium, 16th February 2022– Avnet Silica, an Avnet company (NASDAQ: [AVT](#)), today announced availability of Microsoft Azure Sphere enabled LoRaWAN gateways from Miromico, an established OEM for IoT devices that focuses on design services in the field of integrated circuits, electronic systems, software and manufacturing.

Miromico's new LoRaWAN gateways seamlessly integrate the Microsoft Azure Sphere platform, which enables the monitoring, tracking and management of data in almost every environment from buildings to factories, in hospitals, in agricultural and retail applications, and in smart cities. Integrating the platform from qiao®, the gateway supports cellular, Wi-Fi and Ethernet connectivity, with easy deployment and automatic management.

LoRaWAN is an RF communications technology that enables devices scattered across large areas to wirelessly connect to the internet, thereby opening opportunities for organisations to deploy IoT solutions at a much lower cost than can be achieved via existing cellular infrastructure solutions. Companies and organisations across the globe use the technology for monitoring weather or tracking sensors, asset management, controlled automation, climate control, and many more applications.

Ensuring security and smooth operation of LoRaWAN gateways has always been a major challenge. However, the Azure Sphere platform delivers peace of mind for operators on both fronts. Firstly, it ensures safety from the risk of cyber-attacks by providing multiple layers of security to help guard the gateways against threats. It can also be deployed in a flexible way to secure existing equipment as well as building protection into new IoT infrastructure development. In addition, error reporting and automatic security update services help users stay ahead of current and evolving threats.

Secondly, the platform also provides guaranteed maintenance for the gateways throughout their operating lifetime, automatically handling security maintenance tasks such as the daily authentication of hardware and software. Close integration between the platform and the Miromico gateway hardware enables a failsafe mechanism for over-the-air (OTA) updates, allowing customers to remotely upgrade gateways without fear of them becoming unreachable due to a glitch during the update.

The Microsoft Azure Sphere enabled LoRaWAN gateway from Miromico is available via Avnet Silica.

To view the technical specification and request a demo, visit: www.avnet-silica.com/lora-gateways

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About Avnet Silica

Avnet Silica is the European semiconductor specialist division of Avnet, one of the leading global technology distributors, and acts as the smart connection between customers and suppliers. The distributor simplifies complexity by providing creative solutions, technology and logistics support. Avnet Silica is a partner of leading semiconductor manufacturers and innovative solution providers over many years. With a team of more than 200 application engineers and technical specialists, Avnet Silica supports projects all the way from the idea to the concept to production. Avnet Silica is a regional business unit of Avnet, (NASDAQ: AVT) with European headquarters in Belgium (Avnet Europe Comm. VA). For more information, visit www.avnet-silica.com

**About Avnet**

As a leading global technology distributor and solutions provider, Avnet has served customers' evolving needs for an entire century. We support customers at each stage of a product's lifecycle, from idea to design and from prototype to production. Our unique position at the center of the technology value chain enables us to accelerate the design and supply stages of product development so customers can realize revenue faster. Decade after decade, Avnet helps its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at www.avnet.com.

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