Press Release

"A whole lot of Swissness": Miromico and qiio announce the new Microsoft® Azure Sphere-secured miro Edge Sphere LoRaWAN Gateway

Zurich, February 16, 2022 – Miromico® and qiio® – both Swiss technology companies – today announced the availability of the Microsoft Azure Sphere enabled miro Edge Sphere LoRaWAN Gateway. The device provides a highly secure and robust LoRaWAN® networking solution that meets the needs of a wide range of IoT applications. The gateway is available through Avnet Silica®.

The close collaboration of two highly specialized Swiss partner companies, Miromico, an established OEM of IoT devices and a recognized expert in LoRaWAN (Long Range Wide Area Network), and qiio, which provides proven, edge-to-cloud IoT solutions with intelligent cellular connectivity, has resulted in the development and production of a new LoRaWAN gateway which offers a level of quality, performance and security never before achieved.

The **miro Edge Sphere LoRaWAN Gateway** is a robust indoor LoRaWAN gateway with global cellular coverage out-of-the-box (eSIM), Ethernet and WiFi. Powered by qiio's **Concentrator XN**, it enables connectivity, device management, monitoring, collecting and tracking of data in an almost limitless range of environments from Smart Buildings and Smart Cities to agricultural applications and retail. The small form-factor, only 110 x 129 x 33 mm, allows a simple integration into any infrastructure.

Alexander Raimondi, CEO of Miromico: "qiio is a key partner for Miromico to drive the IoT strategy to the next level. With the Microsoft Azure Sphere enabled LoRa gateway, qiio provides the essential building blocks for highly scalable and secure LoRaWAN® based IoT solutions."

Felix Adamczyk, CEO of qiio: "Miromico is an important and respected hardware partner for qiio. Their in-depth know-how and highly professional offering as well as our close cooperation and mutual understanding of quality has enabled the development of the unique miro Edge Sphere LoraWAN IoT solution."

LoRaWAN enables the energy-efficient transmission of data over long distances and, due to its unique features, meets important network requirements of the Internet of Things (IoT) and Industrial Internet of Things (IIoT), such as bidirectional connectivity and high mobility.

With the integration of the Microsoft Azure Sphere platform, the LoRaWAN gateway provides a complete security system to ensure smooth operation. Azure Sphere provides multi-level security through Microsoft's defined "Seven Properties of Highly Secure Devices" which ensure the integrity of networked assets and devices while protecting against cyberattacks. Guaranteed maintenance of the gateway is also provided throughout its operational life as well as renewable security through software updates.

The Microsoft Azure Sphere-enabled LoRaWAN gateway from Miromico and qiio is available through our partner Avnet Silica. To view the technical specification and request a demo, visit: www.avnet-silica.com/lora-gateways

L to R: Felix Adamczyk, CEO qiio, Alexander Raimondi, CEO Miromico, Martin Grossen, Director Embedded Software and Cloud, Avnet

The miro Edge Sphere LoRaWAN Gateway secured by Microsoft Azure Sphere

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About Miromico®
An established IoT device OEM focused on design services in integrated circuits, electronic systems, software and manufacturing.
https://miromico.ch

About qiio®
qiio delivers proven edge-to-cloud solutions with intelligent cellular connectivity. We provide scalable, reliable and secure IoT services and products that support both hard-to-reach and mobile deployments quickly and cost-effectively. qiio has developed and brought to market the first mobile products and services based on the Microsoft® Azure Sphere security solution.
https://www.qiio.com

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