PRESS RELEASE

Thorigné-Fouillard, France – Oct. 19, 2021, 6:00 p.m. CET – **Kerlink** (AKLK – FR0013156007), a specialist in solutions dedicated to the Internet of Things (IoT), today announced its new LoRaWAN® indoor gateway designed to help smart cities, factories, warehouses, and building owners and operators easily support the booming number of connected sensors and devices of massive IoT.

Kerlink's **Wirnet™ iZeptoCell** gateway is designed to reliably and seamlessly support low-power, wide-area networks (LPWAN) and LoRaWAN® technology, which are ideally suited to handle the three key characteristics of **massive IoT**:

- the **huge number of individual endpoints** (sensors or devices) connected to IoT networks,

- the increasing **challenges for network coverage** of remote and widely dispersed endpoints or deep inside building installations in basements and underground, and

- the **soaring amounts of small data packages** sent to the edge and to the cloud from the endpoints, requiring only low latency and small bandwidth.

"This new member of Kerlink's Wirnet iSeries is not only the newest Kerlink product, it embodies a brand-new fully operational design combining hardware, software and value-added services that are critical for massive IoT and improved end-user experience," said Jean-Philippe Balberde, Kerlink's innovative products and solutions marketing manager.

Although global forecasts of installed IoT end devices are regularly updated as their actual deployment increases, massive IoT generally refers to billions of such devices. Gartner expects more than 15 billion IoT devices will connect to the enterprise infrastructure by 2029.

Simple, Flexible and Plug-and-Play IoT Gateway

The new gateway allows network operators and owners to overcome the three main challenges common to deployment of customized and private indoor LoRaWAN networks designed for massive IoT:

- **Simple and quick installation** in varied environments because of its compatibility with different sources of power, such as multi-blade AC-DC power supply, USB and power-over-ethernet (PoE) splitters,

- **Flexible optimized backhaul versions** with Ethernet or native LTE-M links, priced to accommodate customers' different network configurations, as well as budgets, and

- **Strictly plug-and-play** thanks to market leading key features like zero-touch provisioning, eliminating the need for users' technical expertise.
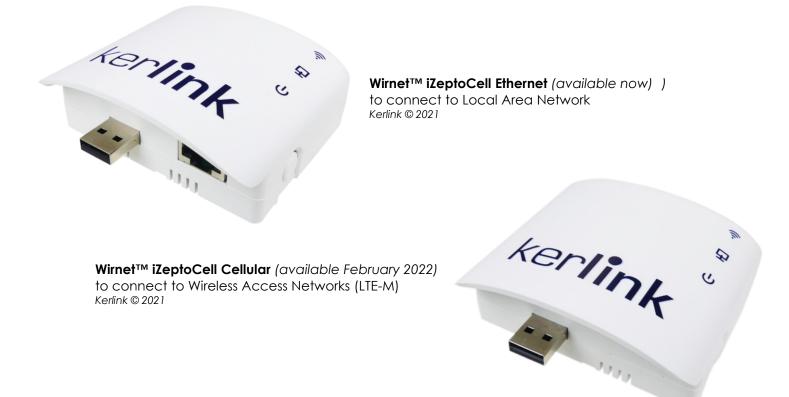
Kerlink Launches New Indoor LoRaWAN Gateway Featuring 'Brand-New Operational Approach Critical for Massive IoT'

*Wirnet™ iZeptoCell Offers Zero-Touch Provisioning
And Cuts Up to 25 Percent of Estimated Operational Costs*

Wirnet™ iZeptoCell is available in **two versions** that differ only in their backhaul option:

Wirnet™ iZeptoCell Ethernet *(available now)   )*
to connect to Local Area Network
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Wirnet™ iZeptoCell Cellular *(available February 2022)*
to connect to Wireless Access Networks (LTE-M)
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 "Wirnet™ iZeptoCell is the perfect alliance between an innovative new hardware using the latest technologies, such as Sx1302, internal antennas and native cellular backhaul, and Kerlink's well-known, powerful software synonym for operational excellence, currently installed on more than 70,000 gateways around the world," Balberde said. "The result is a timely, market-responsive gateway that addresses the demands of massive IoT, and which embodies Kerlink's industrial-grade technical expertise with both superb radio performance and impressive product reliability."

Remote Expert Management Tools

Wirnet™ iZeptoCell is natively associated with the **Wanesy™ Management Plane** (WMP), a set of tools dedicated to remote network-performance monitoring and diagnostics to deliver stability, availability, and reliability. WMP is a subset of the Wanesy Management Center (WMC) carrier-grade capabilities that allow customers to perform targeted network exploitation and optimization through gateway configuration, monitoring, alerting, and troubleshooting.

API-first designed, and user-friendly, interfaces simplify network remote deployment and ongoing operations, to maximize quality of service over time. For example, WMP can help network operators automatically update with the latest firmware and software, orchestrate downloads and configurations, or identify needs for network densification.

This native combination of hardware equipment and software management tools also can help operators to achieve a reduction of operational costs up to 25 percent.

LoRa Alliance® and LoRaWAN® are marks used under license from the LoRa Alliance®.

About Kerlink

Kerlink Group is a leading global provider of end-to-end connectivity solutions for designing, deploying, and operating public & private low power/wide area (LPWA) Internet of Things (IoT) networks. Its comprehensive product portfolio includes industrial-grade network equipment, best-of-breed network core, operations and management software, value-added applications and expert professional services, backed by strong R&D capabilities. Kerlink specializes in enabling future-proof intelligent IoT connectivity for three major domains: Smart City & Quality of Life – urban operations, utilities & metering, retail & public places, infrastructure & hubs, health; Smart Building & Industry – buildings & real estate, industry & manufacturing, asset monitoring & tracking, and Smart Agriculture & Environment – precision agriculture, cattle monitoring & farming, environment & climate, and wildlife protection. More than 140,000 Kerlink installations have been rolled out with over 350 clients in 70 countries. Based in France, with subsidiaries in the US, Singapore, India and Japan, Kerlink is a co-founder and board member of the LoRa Alliance® and the uCIFI Alliance™. It is listed on Euronext Growth Paris under the symbol ALKLK.

For more information, visit www.kerlink.com

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Upcoming events

Q3 Revenue: 21 October 2021, after market close

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