

Kerlink Introduces New LoRaWAN® Gateway with 3G/4G Backhaul for Indoor Coverage and Network Densification

*Wirnet™ iFemtoCell-evolution 'Pushes the Limits of Possibilities'
for Smart Cities and Smart Buildings*



PRESS RELEASE

Thorigné-Fouillard, France – Sept. 24th, 2019, 6pm – Kerlink (AKLK – FR0013156007), a specialist in solutions dedicated to the Internet of Things (IoT), today announced the latest member of its i-series LoRaWAN® gateway line targeting use cases in smart cities, smart buildings, and other digital applications that require dedicated indoor coverage and/or network densification, operational excellence and built-in 3G/4G backhaul.



[Wirnet™ iFemtoCell-evolution](#) leverages the same software as Kerlink's Wirnet iBTS, iStation, and iFemtoCell equipment, a synergy that allows LoRaWAN® IoT network owners to reduce operational costs thanks to a simpler integration and a unique user experience. This new gateway offers a more intuitive design and is also supported by the [Wanesy™ Management Center](#) (aka WMC), Kerlink's comprehensive software suite for easy operations, monitoring, and management of IoT networks.

Kerlink's addition of 3G/4G-backhaul connectivity is a popular choice for flexible data transport to cloud-based applications in multiple geographies. It enhances cellular connectivity versatility and proposes an alternative option in countries where 3G is inadequate or is being decommissioned.

This new LoRaWAN gateway also offers flexible power options, mixing a 90-264VAC/12VDC power supply with jack connector provided, a 5VDCpower/USB-C and an uninterrupted power supply granting 24h autonomy (accessory), to cover a wide range of field use-cases.

In an additional effort to power small private networks, Wirnet iFemtoCell-evolution supports Kerlink Wanesy [Small Private Network Version 2](#) (aka SPN2), a software that bundles a LoRaWAN gateway management system and a LoRaWAN network server. Together this combination forms a turnkey solution with an edge integrated architecture, designed by Kerlink experts, with no compromise on reliability, robustness, and security to meet industrial-grade requirements.

"The Wirnet iFemtoCell-evolution pushes the limits of possibilities for robust and flexible indoor IoT networks while remaining notably simple in terms of deployment," said Jean-Philippe BALBERDE, Innovative Products and Solutions Marketing Manager. "It meets the requirements of today and tomorrow's LoRaWAN IoT networks: quick integration, fast deployment and easy day-to-day administration."

This new gateway enriches the possibilities of deployments using the Wirnet i-series and empowers users to deploy ambitious IoT applications mixing indoor and outdoor use-cases, along with different backhauling options.

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Wirnet iFemtoCell-evolution is the second new Wirnet i-series carrier-grade gateway introduced by Kerlink this summer. Wirnet iStation, announced in June, is designed for outdoor LoRaWAN network deployments and delivers 4G backhaul connectivity with fully integrated internal antennas and meets customer requirements for quick-and-easy outdoor LoRaWAN IoT network deployment and management.

Designed for indoor LoRaWAN small private network deployments anywhere in the world, Wirnet iFemtoCell-evolution supports multiple ISM bands, such as 868Mhz, 915Mhz, and 923Mhz, and is certified by key regulatory agencies in Europe (CE), the U.S. (FCC), Canada (IC), and South Korea (KC), and in other countries.

All the i-series gateways bring market-leading unique software and hardware architectures to secure and protect the IoT networks: Gateway protection (using ProvenRun's SecureBoot™ for software authentication and permanent integrity control), data and communications security (using ProvenRun's SecureStorage™ to protect assets at rest, keys and secrets), and solution resilience (using Kerlink Operating System, fully monitored by Kerlink's WMC).



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About Kerlink Group

Kerlink Group is a leading global provider of end-to-end network solutions for the Internet of Things (IoT), serving telecom operators, businesses and public authorities worldwide. Based in Thorigné-Fouillard, France, with a U.S. subsidiary in Chicago, Kerlink is a leading global provider of LoRaWAN network equipment, software and services. Its growing suite of turnkey IoT services includes network planning, design and operational management that maximizes performance of its market-leading, carrier-grade infrastructure offering. The Group, widely recognized for its IoT expertise, also continually introduces innovative value-added services, such as network-based geolocation, remote end-device management and low-power IoT reference design, which allows its customers to quickly bring to market IoT-ready devices and to imagine innovative business models to monetize their deployments. Most recently, Kerlink introduced an expanded service, solution design, as part of its growing suite of services for companies and smart cities.

In just over 11 years, more than 120,000 Kerlink installations have been deployed in more than 69 countries. Kerlink is supplying more than 330 customers worldwide, including major telcos such as Tata Communications, and service providers such as GrDF and Suez. The company's solutions are enabling major deployments in Europe, South Asia, South America, Japan and Oceania. Kerlink, a co-founder and board member of the LoRa Alliance™, has invested more than €16 million in R&D over the past five years. It has been listed on Euronext Growth Paris since May 2016 and entered the 150 fast-growing French SMEs "EnterNext PEA-PME 150" index in 2017. In 2018, it joined the "Tech 40 index", which recognizes the top-performing tech SMEs on Euronext's markets in Amsterdam, Brussels, Lisbon and Paris.

For more information, visit www.kerlink.com or follow us on Twitter @kerlink_news.

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Upcoming events

H1 Results: 26th September 2019 after close of trade

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