

Kerlink and Telemar Demonstrating Smart-Building Benefits in Proof-of-Concept near Vicenza, Italy

Pilot Projects Expected to Follow



PRESS RELEASE

Barcelona, Spain – Feb. 28, 2018, 8:00 a.m. CET – **Kerlink** (ALKLK - FR0013156007), a specialist and global leader in solutions dedicated to the Internet of Things (IoT), and **Telemar**, a local provider of Information and Communications Technology in eastern Italy, today announced deployment of a smart-building network for monitoring air temperature in buildings near Vicenza. The project is one of the first LoRaWAN™ smart-building projects in Italy.

The proof-of-concept project in Piovene Rocchette involves two buildings near the Town Hall. With thermostats in each room, the system generates data and information about air temperature and conditioning, heating and freezing. The customized LoRaWAN™ network deployment includes Kerlink [Wired™ iBTS Standard](#) outdoor and [Wired™ iFemtoCell](#) indoor gateways, 17 temperature sensors and 14 actuators. Users can control each room's temperature, including turning heat on or off, simply using a smartphone.



Wired™ iBTS Standard in Vicenza

The proof of concept project is expected to be completed in March, when performance results will be released to the public, and a pilot project will begin. That project's aim is to reduce the city's heating bills, while maintaining comfortable temperatures in buildings. Buildings in the pilot project include a day-care center, a nursery, a warehouse, a primary and a secondary school, 12 athletic-stadium locker rooms and a library. Each room will have a thermostat that will monitor thermal conditions and specific parameters, such temperature, humidity, airflow, heat output, electricity consumption and even the water-boiling temperature in the school canteen.

Telemar has developed an IoT network on the Vicenza area, starting from the north of the region and continuing to cover the entire area of Veneto.

"Everything will be connected in the coming years because of technology, which is already and will increasingly influence the way we live and work," said Enrico Cascioli, CEO of Telemar spa. "This project with Kerlink was created to put connectivity to work for cities, to spread the smart-city concept across our territory and to increase its economy and possibilities."

"With this proof-of-concept project, Telemar and Kerlink are laying the foundation for a larger and more comprehensive project in the Vicenza area that will demonstrate the range and benefits of deploying LoRaWAN™ networks for smart-city applications," said Yan Bauduin, Kerlink Infrastructures Solutions business unit sales director. "Once fully deployed, the network will be able to offer the benefits of the Internet of Things for a wide range of use cases."

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About Kerlink Group

Kerlink Group is a global leading provider of end-to-end network solutions for the Internet of Things (IoT), serving telecom operators, businesses and public authorities worldwide. 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.

In just over 10 years, more than 100,000 Kerlink installations have been deployed in more than 69 countries. In 2017 Kerlink supplied more than 330 customers, including major telecom operators such as Tata Communications, and service providers such as GrDF and Suez. The company's solutions are enabling IoT networks worldwide with major deployments in Europe, South Asia, South America and Oceania. Kerlink, a co-founder and board member of the LoRa Alliance™, has invested more than €10 million in research in the past three years. In 2017, Kerlink Group generated revenues of nearly €25 million, more than 50 percent internationally. Since 2013, it has posted average annual growth of more than 62 percent. It has been listed on Euronext Growth Paris since May 2016 and was added to the EnterNext PEA-PME 150, an index of 150 fast-growing French SMEs, in 2017.

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

About Telemar

Telemar Spa, established in 1995, is one of the biggest Internet Service Providers in North Italy. It offers internet connection in the whole Vicenza province and in other areas of Treviso, Padova and Verona. Telemar is a company that aims not only to provide internet services, but also tries to digitalize and strongly improves its territory. Since 2006 Telemar Spa is also a wireless internet service provider with a network realized in wireless technology that covers most of the area of the province of Vicenza.

Telemar is a strategic partner for many companies in the Veneto region, active seven days a week thanks to an important service and assistance activity carried out on its own ISO / IEC 27001: 2013 certified data center and able to offer specialized web marketing services due to the internal web agency. Telemar is currently focusing its main efforts on the IOT area. Its interest is focused on the LoRaWAN™ protocol, officially released in its first version in June 2015. Special features of the LoRaWAN™ protocol are perfect for rapid development of Telemar's network dedicated to I.O.T. exploiting the existing network infrastructure. Telemar has therefore become member of the new LoRa Alliance™, obtaining its NetID.

For more information visit www.tiot.it and www.telemar.it

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Upcoming events

2017 Annual Results: 4 April 2018 after market

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