

Kerlink and SITEC Help Bring Internet of Things To Remote Village in Corsica with Small Private Network

*Deployment on Mediterranean Island Demonstrates Flexibility
Of LoRaWAN™ Connectivity for Keeping Rural Areas Connected in Digital Era*



PRESS RELEASE

Thorigné-Fouillard and **Bastia**, France – May 22, 2018, 06:00 p.m. CET – In an Internet of Things (IoT) deployment showing how LoRa™ technology and small private networks can keep rural communities connected in the digital era, **Kerlink** (ALKLK - FR0013156007) and **SITEC** have built a “Smart Paese” (smart village) network in a secluded village high in the mountainous Mediterranean island of Corsica.

Customized for the demographics and specific characteristics of the 300-person village, Cozzano, the LoRaWAN™ IoT network provides real-time data for monitoring village infrastructure, including a biomass boiler and micro-hydropower plants, and a school with 40 students. In a companion smart-farm application, GPS sensors designed by SITEC, a Corsican computer-services company, and attached to a local farmer's pigs allow the farmer to track their location in the thickly wooded area surrounding the village and monitor their conditions throughout their lifecycle for improved farm efficiency.

Kerlink, a specialist and global leader in solutions dedicated to the Internet of Things, provided solar-powered WInet stations for the network, which also will monitor temperature, air quality and soil quality.

“The Cozzano IoT network demonstrates how LoRaWAN™ small private networks can be designed for and deployed in a wide range of unique and challenging environments, such as the thickly wooded, hilly terrain of Cozzano, whose elevation ranges from 700 meters to 2,000 meters,” said Marie Le Berre, vice president, Kerlink Infrastructure Solutions. “This robust, flexible network overcomes all those challenges to provide the security, performance and reliability of the most-dense LoRaWAN™ networks anywhere.”

SITEC also designed the small private network along with the University of Corsica and CNRS, France's largest governmental research organization, which also provided network simulation.

“As the world's population continues its steady migration to urban areas, there is a risk that rural areas and communities far from the cities will fall further and further behind in the implementation of digital technologies that can improve health, the economy, security and transportation,” said Jean-Sébastien Gualtieri, IT research engineer, SITEC. “The LoRaWAN™ small private network in Cozzano is a case study of how governments at the state level can team up with innovative companies to prevent rural communities from falling behind”.

“In Cozzano, researchers made the rural dimension the core of their scientific thinking, involving local stakeholders, such as small farm operators,” Gualtieri said. “In addition to making the local infrastructure more efficient, the network provides practical applications that help sustain small agribusinesses, which are a vital part of many rural communities.”

EDF, the large French integrated electricity company, is also a partner of the “Smart Paese” project.

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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 SITEC

SITEC is a Computer Services Company established in Corsica for 28 years. A staff of 38, spread over the sites of Ajaccio and Bastia, who's working in four areas of activity: IT hosting, industrial IT and automation, services to local communities, IT development. SITEC is also a semi-public company (Public Shareholding 55%). As such, it actively participates in the development of the digital sector in Corsica, by forming partnerships with local actors in the world of business, education and research.

For more information, visit www.sitec.corsica or follow us on Twitter @SITEC_CORSE.

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Upcoming events

Revenue in the first half of 2018: 31 July 2018 after close of trade

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