Energy Producer Has Quick ROI Following Installation Of LoRa® System to Monitor High-Pressure Gas Site in Nigeria.

Deployment by Kerlink® and SRETT® Improves Operational Efficiency and Cuts Customer's Weekly Trips to the Wells, Reducing Carbon Footprint by More Than 62,400 kg Per Year

PRESS RELEASE

Thorigné-Fouillard and **Boulogne-Billancourt, France** – Dec. 20, 2022, 6:00 p.m. CET – Kerlink (AKLK – FR0013156007), a specialist in solutions dedicated to the Internet of Things (IoT), and SRETT, a provider of IoT-based systems that promote industrial operational efficiency, today announced a remote-equipment monitoring system that allows a major international energy producer to significantly reduce its carbon footprint and improve its operation in Nigeria.

Built around Kerlink Wirnet® iStation industrial-grade IoT gateways and SRETT's Bumblebee sensors and data-management software for LoRaWAN® networks, the automated monitoring system in a Nigerian gas field enables the company to **eliminate weekly trips by employees to 25 oil and gas wells** and **reduce vehicle carbon emissions by 62,400 kg per year**. In addition to eliminating employee travel, the system **improves the production by minimizing the days the wells are shut down**.

For example, SRETT's sensors enable remote monitoring of pressure and temperature data in gas-field equipment and can alert owners and operators of changes in status or potential hazardous situations in real-time. The ATEX-certified, wireless, plug-and-play and battery-powered devices are designed to collect critical data, which can then be transmitted long distances over a LoRaWAN network coupled with a cellular backhaul, to be used by applications running on computers or cell phones.

Wirnet iStation is a LoRaWAN gateway that specifically meets the standard requirements of public operators, MVNOs, cable operators, private businesses, public authorities and large and small companies. Deployed extensively around the world in smart-industry, smart-city and a wide range of other IoT projects, they combine reliable, robust, outdoor coverage and operational excellence, even in harsh environments. The gateways function with either long-lasting batteries or on solar power.

"SRETT and Kerlink's remote deployment of sensors and gateways on this LoRa network feeds real-time pressure information to the energy producer's headquarters," said Philippe Gambier, SRETT VP. "This enables the customer to react immediately to problems at the site, while previously the company's staff might not know production has stopped for days."

"The Wirnet iStation grants high availability and performance levels that enable flexible and scalable deployments across many industries," said Rafael Denis, Kerlink Sales Manager. "As this deployment with SRETT underscores, the customer began enjoying notable ROI within months of the installation. This is typical for Kerlink's IoT deployments and enabled used cases."

This large-scale implementation underscores how LoRaWAN infrastructure using SRETT sensors and Kerlink gateways is a technically viable and cost-efficient solution for many kind of use cases in Africa, in settings ranging from remote arid lands to forests.

"Remote natural gas installation in Nigeria is monitored with a LoRaWAN® network using equipment from SRETT and Kerlink. Temperature and pressure data are sent to the owner's control room in near real-time, which eliminates the need for employees to travel to remote locations to check the equipment."

Philippe Gambier, SRETT VP

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. More than 200,000 Kerlink® installations have been rolled out with over 350 clients in 70 countries, in all the key verticals. 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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About SRETT®

SRETT provides innovative remote monitoring solution based on Internet of Things Technology.

Bumblebee remote monitoring solution offers an easy, safe and affordable option for the monitoring of hydrogen or hydrocarbons processes, including production, transportation and storage. Thanks to its plugin technology, deployments are carried out in a few days by the customer's staff, in potentially explosive environment. Monitoring data are instantaneously available remotely from a Software as a Service (SaaS) monitoring software, are via Application Pregaming Interfaces (API).

Launched in 2020, Bumblebee Solutions have already been deployed on the five continents.

For more information, visit www.Srett.com

BumbleBee Solution on Linkedin: https://www.linkedin.com/company/bumblebee-solution/

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Upcoming events
2022 Full Year Revenue: 24 January 2023, after market close
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