Kerlink Wirnet™ Stations Powering Comprehensive Environmental Monitoring System in India

Smart-City Project with Oizom Monitoring Particulates, Industrial Emissions, Air-Borne Toxic Gases and Odors, as Well as Weather Conditions and Noise

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PRESS RELEASE

Thorigné-Fouillard, France and **Ahmedabad,** India – Nov. 15, 2018, 06:00 p.m. CET – In a smart-city project to help the city of Kakinada, India, to monitor both air-and-noise pollution and other environmental hazards, **Kerlink** (ALKLK - FR0013156007), a specialist and global leader in solutions dedicated to the Internet of Things (IoT), and **Oizom**, an environmental-monitoring-system provider, today announced that Kerlink's Wirnet™ Stations are powering Oizom's comprehensive, ambient air-quality monitoring system, Polludrone, in that city.

Environmental monitoring, including noting harmful noise levels in urban environments, is a key smart-city use case and capability brought by Internet of Things (IoT) networks in cities around the world. The European Commission has included both air pollution and noise levels as serious health concerns for EU citizens. The World Health Organization (WHO) recently reported that nearly all cities in low- and middle-income countries of more than 100,000 people, and nearly half similarly sized cities in high-income countries, do not meet WHO air-quality guidelines.

Polludrone is a real-time, state-of-the-art, pollution-monitoring solution that leverages LoRaWAN™ private networks to monitor particulate concentration, industrial emissions, air-borne toxic gases and odors, as well as traffic, weather conditions and noise.

"Kerlink's LoRaWAN™ Wirnet stations are powering public and private IoT networks in cities around the world because of their flexibility and superb performance in challenging conditions," said Stéphane Dejean, Kerlink's chief marketing officer. "They are the ideal gateway for Polludrone's extensive environmental-monitoring solution, which requires robust and reliable outdoor stations that can handle high numbers of end devices and manage millions of bi-directional messages every day."

Oizom and its local partner, Sterlite Tech, recently deployed Polludrone, including Wirnet stations, across Kakinada, a city of more 370,000 people where industrial growth, increased traffic and other factors are creating challenging air-quality conditions.

"Infrastructure costs and reliability are key factors to consider in network rollouts of this scope," said Jainam Mehta, Oizom's chief marketing officer. "We chose LoRa technology and Kerlink gateways for the deployment, because they enable energy-efficient, performant and long-range data communication that supports the most advanced IoT environmental sensors for successful and robust deployments."

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About Kerlink Group

Kerlink Group is a leading provider of end-to-end network solutions for the IoT, serving telecom operators, businesses and public authorities worldwide. Its suite of turnkey services includes network planning, design and operational management that maximize performance of its carrier-grade equipment. Its value-added services include network-based geolocation, remote end-device management and low-power IoT reference design, which allow customers to quickly bring to market IoT-ready devices. More than 100,000 Kerlink installations have been deployed in more than 69 countries. The company has been listed on Euronext Growth Paris since May 2016. Visit www.kerlink.com or follow us on Twitter @kerlink_news.

About Oizom

Oizom delivers Environmental Impact Solutions using IoT Technology. The solution acquires Environmental data and further analyses it for actionable insights. The insights empower authorities, communities and industries to take data-driven decisions.

Oizom has developed a simple, cost-effective and highly-scalable solution for environmental data acquisition and analytics. The hardware monitors data and Software analyzes the data to give actionable insights.

The hardware solution is capable to monitor critical environmental parameters like pollution, noise, odour, radiation, traffic, disaster and a lot more.

While the data platform visualizes & analyzes it in form of automated reports, smart alerts, historical trend analysis, real-time pollution heat-mapping and lot more. The actionable insights from obtained from the data platform empower authorities, communities and industries to take data-driven decisions.

Visit https://oizom.com

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