PRESS RELEASE

Thorigné-Fouillard, France and **Amsterdam** – Aug. 31, 2021, 6:00 p.m. CET – **Kerlink** (AKLK – FR0013156007), a specialist in solutions dedicated to the Internet of Things (IoT), and **NetOP Technology**, which designs and produces tailor-made IoT solutions for multiple verticals and applications, today announced their collaboration on a wildfire-prevention system that warns public officials when weather conditions predict fires.

This summer of 2021, 187,114 fires have so far been recorded across the globe, further underlining the urgency of acting on global warming. Extreme temperatures and droughts have fueled fires in Russia, Greece, Sicily, Algeria, Tunisia, the Amazon, Mozambique, Zimbabwe, Canada and the United States, particularly in California, where the Dixie Fire has been burning since mid-July and has ravaged more than 200,000 hectares. The previous record was set in September 2020 with 138,680 fires, i.e. almost 50,000 fewer[1].

To help identify risk areas, the LoRaWAN®-based system combines Kerlink Wirnet gateways with **NetOP Technology Forest Capsules** that measure meteorological conditions such as humidity, temperature, CO_2 and the concentration of volatile organic compounds (VOC), using built-in sensors. The long-range wireless device detects, collects and reports dangerous conditions even in very remote locations via Kerlink's LoRaWAN gateways, while its AI capabilities identify likely fire outbreaks with their exact GPS location.

The system's intelligent dashboard features an integrated AI layer, sensors with machine-learning functions, forest fire prediction, on-line risk calculation, smart live maps of terrain, real-time heat maps and alarm scenarios.

"Our technology and Kerlink's very wide LoRaWAN coverage allow forest and wildlands managers to expand their monitoring far beyond traditional capabilities of smoke detection and early fire observation," said Olcay Taysi, co-founder of NetOP Technology. "By predicting where fires are likely to start, the Forest Capsule system helps officials spend their monitoring and surveillance activities more effectively."

"This solution delivers on the global scale by helping to anticipate climate change consequences potentially resulting in vast fires, and locally it protects wildlife and enables organizations to conserve water and other resources used in fighting fires," said Romain Weryk, Kerlink key account manager. "Kerlink's expertise on gateways and communication management is widely recognized for the robust performance those features deliver in diverse and challenging environments, and they make Kerlink an obvious partner for this world's-first, IoT wildfire-prevention application."

NetOP Technology also has been Kerlink's distributor since July 2018.

[1]   https://www.novethic.fr/actualite/environnement/climat/isr-rse/la-terre-touchee-par-un-nombre-record-d-incendies-durant-cet-ete-2021-150073.html

Kerlink and NetOP Technology Partnering on World's-First, IoT-Based Wildfire Prevention System

NetOP Technology Forest Capsule Monitors Local Conditions In Remote Areas and Sends Alerts When Fire Danger Is High

NetOP Technology Forest Capsule V2

Artificial Intelligence Powered
Fire Prediction Algorithm
&
Real Time Risk Maps
with Machine Learning Support

- **NEW DESIGN**
  To Hang On Trees
- **TOUGH BODY**
  IP67 Robust and Fireproof Material
- **ARTIFICIAL INTELLIGENCE LAYER**
  Predict Fire Risk
- **10+ YEARS**
  Battery Life-Time
- **EMBEDDED SENSORS**
  CO_2, Temperature, Smoke, Humidity
- **LONG RANGE**
  Mesh Network*
- **GPS INSIDE**
  Exact Location

* optional

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. Kerlink specializes in enabling future-proof intelligent IoT connectivity for three major domains: Smart City & Quality of Life – urban operations, utilities & metering, retail & public places, infrastructure & hubs, health; Smart Building & Industry – buildings & real estate, industry & manufacturing, asset monitoring & tracking, and Smart Agriculture & Environment – precision agriculture, cattle monitoring & farming, environment & climate, and wildlife protection. More than 140,000 Kerlink installations have been rolled out with over 350 clients in 70 countries. Based in France, with subsidiaries in the US, Singapore, India and Japan, 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 or follow us on our social media - Twitter @kerlink_news, LinkedIn #Kerlink, YouTube – Kerlink

About NetOP Technology

NetOP Technology develops and produces hardware and SaaS solutions based on Low Power Wide Area Networks (LPWAN) with a complete hardware management platform, software development kit (SDK) for the Internet of Things (IoT) market. NetOP Technology's low-energy wireless cloud sensor family is modular and ready to integrate with any IoT platform with known IoT connectivity protocols. There are more than 80 different LPWAN sensors in NetOP Technology's portfolio and they have an innovative, patented, and unique structure that combines with each other to bring thousands of IoT devices to the market. There are several, turn-key vertical solutions are available in NetOP Technology's portfolio. Visit https://netop.io/

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ALKLK EURONEXT GROWTH

Upcoming events

Q3 revenue: 23 september 2021, after market close

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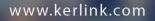
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