

NEXANS LAUNCHES INFRABIRD™, AN INNOVATIVE SOLUTION TO SECURE FTTH STREET CABINETS AND FIBER OPTIC CONNECTION

PRESS RELEASE

- ***With INFRABIRD™, street cabinets can be retrofitted in minutes to provide secure, keyless access control.***
- ***Network operators can use mobile and web applications to monitor the status of their critical street infrastructure and log the history of any actions carried out.***

Paris, October 19, 2020 – Nexans has developed an innovative solution to help telecom service providers tackle the major headache of unauthorized access to their fiber-to-the-home (FTTH) street cabinets. Known as INFRABIRD™, the intelligent keyless access and internet of things (IoT) supervision system can be deployed in just a few minutes to turn passive cabinets into smart, cloud-connected assets.

The INFRABIRD™ solution is based on low power sensors that connect FTTH cabinets to IoT networks such as LoRa and Sigfox. It also comprises a smart lock such as the battery-free ILOQ S50 to provide keyless access to authorized maintenance personnel, as well as mobile and web applications. Once installed, the solution allows telecom network operators to secure their critical infrastructure by monitoring the status of street cabinets and the history of any actions carried out.

“The key benefit of INFRABIRD™ is that it helps our customers to improve their service levels by making their FTTH cabinets more secure, as well as enabling them to be more responsive should a breakdown occur”, says Thibault Goulin, Nexans Head of Digital Solutions. *“We developed the solution in close consultation with customers who told us that the security of their street cabinets is a major issue. They said it would be very helpful to know if someone has attempted to gain unauthorized access, or even if there was a simple issue such as a door being left open that could be a risk to the public.”*

Nexans has built on its deep expertise in fiber networks to develop INFRABIRD™ as part of its overall service offering for FTTH customers. It is intended for retrofitting in outdoor cabinets, where the optical fibers are distributed between the network owner and the commercial operator. The system is fast and easy to install, especially as it does not require a special power supply or fiber optic cables. Battery-free keyless operation also reduces maintenance as there is no need to replace batteries.

Since its launch, around 40 INFRABIRD™ systems have already been installed on FTTH sites deemed sensitive. Nexans predicts that this number will increase exponentially with fiber-optic deployments, exceeding 50,000 cabinets in France equipped with INFRABIRD™ or an equivalent system by 2025. Nexans has created the reference solution that will soon be the standard for securing your very high speed internet link.

About Nexans

Nexans is a key driver for the world's transition to a more connected and sustainable energy future. For over 120 years, the Group has brought energy to life by providing customers with advanced cable technologies for power and data transmission. Today, Nexans goes beyond cables to offer customers a complete service that leverages digital technology to maximize the performance and efficiency of their critical assets. The Group designs solutions and services along the entire value chain in three main business areas: Building & Territories (including utilities and emobility), High Voltage & Projects (covering offshore wind farms, subsea interconnections, land high voltage), and Industry & Solutions (including renewables, transportation, oil and gas, automation, and others).

Corporate Social Responsibility is a guiding principle of Nexans' business activities and internal practices. In 2013 Nexans was the first cable provider to create a Foundation supporting sustainable initiatives bringing access to energy to disadvantaged communities worldwide. The Group's commitment to developing ethical, sustainable and high-quality cables also drives its active involvement within leading industry associations, including Europacable, the NEMA, ICF and CIGRE.

Nexans employs nearly 26,000 people with an industrial footprint in 34 countries and commercial activities worldwide. In 2019, the Group generated 6.7 billion euros in sales.

Nexans is listed on Euronext Paris, compartment A.

For more information, please visit www.nexans.com

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