

## Nexans delivers in a record time fast-track fiber optic infrastructure project for the Société du Grand Paris' new head office

- Nexans' LANactive Fiber-to-the-Office (FTTO) infrastructure provides cutting edge connectivity for more than 1,500 staff housed in the SGP's prestigious new head office
- In a record time of less than five months, a solution of 4.3 km of fiber cable and 530 FTTO switches was installed in a nine-floor building that offers 30,000 m<sup>2</sup> of office space

**Paris La Défense, May 12, 2020** – Nexans has successfully completed a fast-track project for the Société du Grand Paris (SGP) to deploy 100 percent fiber infrastructure for its new 30,000 m<sup>2</sup>, nine-floor, Ile-de-France headquarters. The building has been equipped with Nexans' innovative LANactive Fiber-to-the-Office (FTTO) solution. The choice for this solution enables lower energy consumption, reduced air conditioning, and simplified access controls, as well as optimisation of space usage for employees. This is an alternative approach to traditional LAN that uses fiber cabling together with FTTO switches to deliver Ethernet services to equipment via standard RJ45 copper technology.

The SGP is a public agency set up by the French Government to construct and deliver the 'Grand Paris Express' transport network, which is a significant and far reaching expansion to the existing metro and commuter rail network in Île-de-France, the region around Paris. The aim of the relocation project was to bring together on the same site over 1,500 employees and partners and provide them with innovative, scalable cutting-edge communications services including wifi.

The Société du Grand Paris sought out an experienced and trusted partner, capable of implementing an innovative concept which is relatively new on the market and providing long-term support and taking a proactive approach, to help them with this ambitious relocation project. Nexans was awarded the contract to deliver the FTTO infrastructure for SGP's new headquarters in July 2019 and the project was completed in less than five months, at the end of December 2019. That enabled the first 1,000 people to start using the building in January 2020.

**Lionel Cailleux, real estate project manager at Société du Grand Paris**, in charge of the relocation project, said: "The operational constraints, particularly the schedule, were complex for this essential project to support the growth of Société du Grand Paris. Thanks to the professionalism and responsiveness of the DSI and its partner NEXANS, we were able to deliver the FTTO infrastructure on time. This experience demonstrated a real model of partnership cooperation".

**Karim Amazit, Infrastructure Manager ISD at Société du Grand Paris**, who in particular arbitrated the technological choices, added: "We have succeeded with NEXANS in the difficult task of validating the architecture, delivering and preparing the installation of the FTTO infrastructure in record time. This technological choice allows us to anticipate the future needs of our businesses and bandwidth users thanks to its flexibility and scalability over time. "

**Martial Gutierrez, Business Development Manager for Nexans Cabling Solutions**, commented: "SGP's specifications included many constraints and our experience allowed us to respond by proposing our innovative FTTO solution. This offers unparalleled levels of flexibility and interoperability, which meets SGP's scalability requirements while respecting the project time and budget constraints."

The LANactive solution installed for the SGP comprises 4.3 km of fiber cable together with connectors and 530 FTTO switches. As well as installing the infrastructure, Nexans also supported SGP in the configuration of the FTTO switches, trained SGP teams on the use of the management and supervision software platform and ensured the interoperability of services.

Nexans ensured the redundancy of the IT installations by the deployment of two fiber loops on each floor, connected to two technical rooms each containing a bay, and by the cross installation of wifi terminals. FTTO Switches are integrated into false ceilings and connected to wifi terminals distributed in the corridors of the building. This has enabled the use of space to be optimized while service interruptions for maintenance will be restricted to just four hours per year.

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## 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 four main business areas: Building & Territories (including utilities and e-mobility), High Voltage & Projects (covering offshore wind farms, subsea interconnections, land high voltage), Telecom & Data (covering data transmission, telecom networks, hyperscale data centers, LAN), 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.

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