**Rosenberger OSI participates in the realization of the new optical fiber infrastructure of the research center NAVER LABS Europe**

*Cabling specialist equips R&D center with PreCONNECT® SMAP-G2 High Density (HD) fiber optic panels*

 **Augsburg, June 23, 2021 -** Rosenberger Optical Solutions & Infrastructure (Rosenberger OSI), an expert in fiber optic connections, cabling solutions and infrastructure services, announces that it has successfully completed a cabling project, in collaboration with Modul'Data Center (a subsidiary of IP Energy), at France's largest private artificial intelligence research center, NAVER LABS Europe, located in the Grenoble region. This new infrastructure offers better performance and increased scalability.

NAVER LABS Europe is owned by the Korean company NAVER, Korea's largest Internet portal (75% of the search market) and a leader in e-commerce, fintech, cloud and digital services. During the work to renovate the center's buildings, purchased in 2018, it became apparent that the fibers running through the buildings were ultimately doomed. After a short selection process, the company chose Rosenberger OSI and Modul'Data Center to upgrade its fiber infrastructure.

**Priority to protection, performance and scalability**

After the installation of the ducts, the duo Rosenberger OSI and its partner installer Modul'Data Center were able to set up a tailor-made offer designed according to the expectations and needs of NAVER LABS Europe. The product selection criteria had to take into account protection, offer the best possible performance and an evolution path. The solution also had to offer an attractive price.

For this project, MPO technology was recommended: thanks to its multi-fiber connectors, it offers the ideal conditions for setting up high-performance data networks in order to achieve greater bandwidth and meet potential future needs. This technology also makes it easier and more efficient to scale up and migrate to 40/100 Gigabit Ethernet operation with connectors officially certified for these data rates.

**Installation of PreCONNECT® SMAP-G2 HD and OM4 fibers**

The technical teams connected different buildings with MPO pre-connected multimode fibers (OM4) (links from 50m to 150m). These trunks were connected to high density (HD) cassettes and were integrated in Rosenberger OSI's PreCONNECT® SMAP-G2 HD drawers.

This solution is a highly modular, low plastic 19" panel system for cabling in data centers and other buildings. With a density of up to 72 LC Duplex or MTP® ports per unit height, the front panel is maximized. Partial front panels (FAPs) and MTP® modules can be easily inserted without tools and attached with clips. PreCONNECT® square interfaces also allow the trunk expanders to be attached without tools.

Depending on the use and assembly of the panels, there are numerous back panels available for cable entry. The panels can be adjusted in depth using the 19" mounting guides and can thus be adapted to different rack layouts.

**Installation completed and operational quickly**

In spite of a classified site environment and old buildings which generated a little more complexity during the construction, the interventions took place in two times and lasted 1 month day for day, with the accompaniment by Rosenberger OSI of the technical teams of Modul' Data Center (Subsidiary company of IP Energy) on the launching of the construction site and the optical tests, carried out successfully. The new fiber equipment of the research center is now fully operational.

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**About NAVERS LABS Europe:**

NAVER LABS is an R&D organisation of NAVER, Korea's largest information technology company and a leader in e-commerce, fintech, cloud services and global innovative digital applications and services such as LINE (Japan's No.1 messaging app), WEBTOON (#1 in digital comics) and the social network app SNOW. NAVER's international research labs are focussed on advancing science and technology in AI, robotics, autonomous driving, and AR. NAVER LABS Europe in Grenoble, is the largest industrial AI research centre in France. The centre is specialised in machine learning and optimization, computer vision, natural language processing, UX and ethnography.

**About Modul' Data Center:**

Modul' Data Center is a brand of the company Modul Structure SAS. The company specializes in the construction of Datacenter Containers, (steel or concrete), and modular computer rooms integrated into existing buildings whether it be new or renovation.

Modul' Data Center's DNA is characterized by a very high technical added value born from the integrator's profession and the know-how of IPenergy, a company affiliated to Modul' Structure since 2006. Modul' Data Center responds to the new challenges and technical constraints of data centers, thus improving availability and security while reducing direct and indirect costs. By privileging modularity, we design our Data Centers around the current and future needs of our customers' IT by anticipating all the evolutions and technical, security, financial and environmental characteristics and not just simple IT rooms that are not very scalable and energy consuming.

**About Rosenberger OSI:**

Since 1991, Rosenberger Optical Solutions & Infrastructure (Rosenberger OSI) has been a recognized expert for fiber-based connectivity, cabling solutions and infrastructure services in the areas of data centers, local area networks, mobile networks and industrial applications.
As an integrated solution provider, we have high expertise in the development and operational excellence in the production of system solutions for communication networks. Our comprehensive services enable the secure and efficient operation of digital infrastructures. This combination, combined with our strong customer focus, makes us unique and a strong partner in the global market.

Rosenberger OSI employs around 740 people in Europe and North America and has been part of the globally operating Rosenberger Group since 1998. The Rosenberger Group is a leading global provider of high-frequency, high-voltage and fiber optic connectivity solutions with headquarters in Germany.

Further information is available at: [www.rosenberger.com/osi](http://www.rosenberger.com/osi)

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