

Ekinops delivers immersive virtualization research and teaching environment at École de technologie supérieure

Paris, 20 September 2022 - Ekinops (Euronext Paris - FR0011466069 – EKI), a leading supplier of advanced optical transport systems and enterprise network solutions, in partnership with the leading networking hardware provider, Lanner Electronics, has deployed an immersive virtualization environment for staff and students at l'École de technologie supérieure (ÉTS), a constituent of the Université du Québec network.

Ekinops has delivered a bespoke, turnkey package to support teaching and research with its [OneOS6-LIM](#) and vRouter to create a virtualized compute environment that runs multiple VNFs, including Ekinops SD-WAN services. The new NFV solution will operate on Lanner Electronics Intel x86 based "whitebox solution", thanks to the open architecture of Ekinops OneOS6-LIM Middleware. Supporting the day-to-day management and providing a simple, flexible, user-friendly interface for teaching purposes is Ekinops' [OneManage, Design Studio & Director](#).

"Network virtualization is part of the network transformation in telecom and enterprises as foundation to leverage the 5G infrastructure. Using ready for deployment white box appliances accelerates the time to deployment and revenue," says **Sven Freudenfeld, CTO Lanner Electronics, North America**. "The business model of software defines networking (SDN) introduces new business models and opportunities for several vertical markets. Providing this infrastructure to the research community provides a foundation for new developments."

The new virtualization solution will be studied by telecoms graduate students to enhance their understanding of key sector technology trends, including virtualization and network optimization that support the connectivity requirements of cloud and edge computing. In addition, the solution will be used by researchers at ÉTS to support lab-based R&D projects exploring future network access solutions.

"A central pillar of our teaching and research strategy at ÉTS is to provide students and researchers hands-on practical experience enabled by our industry partnerships," comments **Dr Kim Khoa Nguyen, Professor at ÉTS**. "We are very excited to be working with the Ekinops and Lanner virtualization solution, drawing on their combined experiences deploying world-leading, field-proven technologies. The new environment exposes students and staff to the most advanced and innovative tools for teaching and applied research and will ensure we continue to equip tomorrow's specialists with the skills to meet the sector's evolving connectivity needs."

"At Ekinops, we recognize that teaching and applied research have a direct link to the innovations that support next-gen connectivity," adds **Brent Hayes, Vice President, Canadian Sales at Ekinops**. "We look forward to working closely with ÉTS. By giving students and researchers an exciting, immersive environment where they can study and experiment with the latest network access solutions, we're



investing in the future. Ultimately, this will benefit our service provider and enterprise customers, who will continue to receive bleeding-edge solutions from Ekinops in the years to come.”

For more information visit: <https://www.ekinops.com>

ENDS

Contact

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About EKINOPS

Ekinops is a leading provider of open, trusted and innovative network connectivity solutions to service providers around the world. Our programmable and highly scalable solutions enable the fast, flexible, and cost-effective deployment of new services for both high-speed, high-capacity optical transport as well as virtualization-enabled managed enterprise services.

Our product portfolio consists of three highly complementary product and service sets: EKINOPS360, OneAccess and Compose.

- EKINOPS360 provides optical transport solutions for metro, regional and long-distance networks with WDM for high-capacity point-to-point, ring, and optical mesh architectures, and OTN for improved bandwidth utilization and efficient multi-service aggregation.
- OneAccess offers a wide choice of physical and virtualized deployment options for Layer 2 and Layer 3 access network functions.
- Compose supports service providers in making their networks software-defined with a variety of software management tools and services, including the scalable SD-WAN Xpress and SixSq Edge-to-Cloud solutions.

As service providers embrace SDN and NFV deployment models, Ekinops enables future-proofed deployment today, enabling operators to seamlessly migrate to an open, virtualized delivery model at a time of their choosing.

A global organization, Ekinops (EKI) - a public company traded on the Euronext Paris exchange operates on four continents.

Name : Ekinops

ISIN Code : FR0011466069

Mnemonic code : EKI

Number of shares : 26 171 726

For more information, visit <http://www.ekinops.com/>

About ÉTS

[École de technologie supérieure](#) is one of ten constituents of the Université du Québec network. It trains engineers and researchers who are recognized for their practical and innovative approach, the development of new technologies and their skill at transferring their knowledge to companies. Almost one-quarter of all engineers in Québec graduated from ÉTS, which boasts 11,000 students at all three university levels, along with 27,000 graduates. ÉTS specializes in applied training and research in engineering, and maintains a unique partnership with the business sector and with industry.

www.etsmtl.ca

About Lanner Electronics

Lanner Electronics Inc (TAIEX 6245) is a world-leading provider of design, engineering, and manufacturing services for advanced and customizable SDN/NFV network computing appliances for system integrators, service providers, and applications developers. Lanner possesses a wide range of network appliances, including whitebox vCPE platform for SD-WAN and SD-Security, as well as NEBS-compliant, NFVi-ready HTCA platforms for multi-access computing and Cloud RAN. To learn more about Lanner's full range of network appliances and whitebox solutions, please visit

www.lannerinc.com and www.whiteboxsolution.com