Ekinops Proves Monetizing the Edge is Possible

PARIS, 05 September 2023 - [EKINOPS](#) (Euronext Paris - FR0011466069 – EKI) leading supplier of telecommunications solutions for telecom operators and enterprises, provide evidence of a viable and efficient virtualization business model for service providers.

Ekinops has been developing for quite some time a virtualization (NFV) solution called OneOS6-LIM (Local Infrastructure Manager), which aims to provide virtualization-based network services and the associated design, creation, validation, and deployment operations. This solution creates a virtualized compute environment to run multiple Virtualized Network Functions (VNFs) on a uCPE (universal Customer Premise Equipment). The main counterargument of uCPE solutions so far, especially due to a higher hardware price vs. a traditional CPE, has been that the economics of the hardware investment can be challenging if it is not delivered with at least the equivalent feature set of a CPE (such as advanced routing capabilities).

Ekinops' answer is to leverage the hardware to its full extent, by optimizing the footprint and performance to the level that superior services can be provided on a more cost-optimized hardware platform. OneOS6-LIM comes with an embedded ONEe600 router which includes all OneOS6 feature set such as QoS, zone-based firewall, encryption, and tunneling mechanisms. The goal of ONEe600 router is to offer all standard networking services at the lowest footprint possible and to save processing resources for vendors VNFs running on the same device.

Ekinops commissioned **EANTC AG**, the European Advanced Networking Test Center, internationally recognized objective test center, to perform tests and evaluate its embedded router performance. EANTC, which provides vendor-neutral network performance test facilities for manufacturers, service providers and enterprise customers, executed in total fifteen test runs for three test scenarios of the Ekinops virtualization and embedded router e600 on an *entry level uCPE hardware platform* based on Intel's C3xxx Atom Denverton CPU. Overall, the ONEe600 demonstrated solid performance and versatility, making it a valid option for small to medium sized offices looking for a routing solution. Ekinops has demonstrated its virtualization solution made it possible for service providers to maximize compute cycle and monetize the Edge quickly.

Sylvain Quartier, VP Marketing & Product Strategy for Access at Ekinops says: "*Not so long ago, NFV was pronounced dead, and we say no way. Ekinops has a long history of providing network access solutions to Service providers. By working with them in close*

partnership, we acknowledge the huge opportunities, but also the challenges associated with virtualization, especially in terms of return on investment. By using our experience as a carrier-grade software connectivity solutions, we succeeded in combining routing and VPN technology with virtualization, in such a way that not only a fast time to market, but also a quick return on investment can be achieved. In the past two years, we have signed a significant number of telcos for virtualization, and we have more projects lined-up. We have also noted a strong interest from enterprises and our partners eco-system is constantly growing. NVF is not only "alive" but definitively kicking and healthy for the foreseeable future."

Full EANTC test report is available [here](#).

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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.

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For more information, visit www.ekinops.com