



PRESS RELEASE

Ekinops Adds Edge-Optimized 100G Solution to Ekinops360 WDM Portfolio

Paris, November 19th, 2024 – **EKINOPS (Euronext Paris - FR0011466069 – EKI)**, a leading supplier of optical transport systems and access network solutions, has released its new PM_100HDF01 pluggable module for the Ekinops360 WDM optical transport system. Cost-optimized to address the growing demand for 100G at the network edge, the PM_100HDF also has the high performance required for long haul applications over thousands of kilometers.

Driven by the growth of edge applications such as 5G mobile, edge computing, artificial intelligence and even standard broadband access, bandwidth demand is exploding in the access portion of the network. In order to meet that demand, service providers are now migrating their existing 10G networks to 100G requiring a cost-effective solution that can be quickly and easily deployed across thousands of network locations. While pluggable optics would seem to be the ideal solution, coherent 100G transceivers in the QSFP28 form factor are not readily available in commercial quantities today and those that are offer low performance and lack certain key functionalities service providers need.

As a transponder-based solution, the new PM 100HDF01 offers the performance needed to deliver connectivity to any location from the edge to ultra-long haul. What's more, unlike pluggable solutions, it enables a managed service demarcation point that simplifies SLA monitoring and service delivery. As a pure transport solution, it fits neatly into existing service provider operational models to simplify troubleshooting and speed issue resolution.

The PM 100HDF01 is built on Ekinops' long-running and highly successful 200G FlexRate™ optical technology that has been cost-optimized for 100G. It can be deployed as a capacity upgrade in any type of network whether it's a new-build greenfield network, an existing brownfield network or even as an alien wavelength over a third-party line system providing simple scalable bandwidth with rapid ROI. Compatible with Ekinops 10G aggregation modules, service providers can use it to deliver low speed services over high-speed links allowing them to maintain their revenue base and migrate services over time.

"The PM 100HDF01 is designed to address those applications where 10G is not enough capacity but 200G is too much," said **Sylvain Quartier, Chief Marketing Officer at Ekinops**. "It's a true multi-reach solution delivering all the performance you would expect from a transponder at a cost point that makes it attractive for deployment at the edge where demand for 100G is really growing."

Ekinops PM 100HDF01 is currently generally available and has already received considerable interest from several new and existing customers.

For more information about the Ekinops portfolio, please visit <https://www.ekinops.com/products-services/products>



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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.
- 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 Nuvla 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 <http://www.ekinops.com/>