

Press Release

Smartoptics launches the DCP-1203 transponder solution for open networking

Oslo, Norway – February 23, 2023 – Smartoptics, a leading provider of optical networking solutions, today announced the launch of the new DCP-1203 transponder. The Smartoptics transponder solution is designed for easy-to-use, flexible and cost-efficient 100G to 400G networking.

The DCP-1203 transponder enables 100G and 400G transport in a small form factor with low power consumption and low latency. This provides a cost-efficient solution for operators, enterprises and data centers to transport more traffic and meet increasing bandwidth needs.

The DCP-1203 has three individual transponders on the same card that can each be used in 100G, 200G, 300G or 400G mode. The client side can use a flexible range of QSFP28 client types for 100G and QSFP-DD for 400G. The line side can use coherent DWDM 100GZR+, 400GZR and 400GZR+ QSFP-DDs.

The DCP-1203 is designed for two main use cases:

- Convert from gray 100/400G optics to DWDM – when it is not possible to put coherent DWDM 100G or 400G QSFP-DDs embedded in switches and routers.
- Provide a demarcation point for signal hand-off. The transponder's demarcation point makes it possible to measure performance data before handing off the signal to another system.
- The product also benefits from the capability to use optics that support encryption, providing high-security layer 1 encryption.

The DCP-1203 provides a smooth and future-proof migration path for organizations currently running 100G networks looking to better utilize higher line rates by using 400G line speeds. It does this by supporting client-side aggregation of four times 100G to run over 400G.

“The launch of the DCP-1203 transponder is yet another proof of our commitment to providing open solutions, using the latest standards with no lock-in. The support for standards-based 400G optics guarantees a future-proof solution. This is well aligned with the demand we are seeing in the market and I look forward to the first customer deployments,” says Kent Lidström, CTO Smartoptics.

The DCP-1203 is planned to be available for the first deliveries to the market in April 2023, thus can be ordered now.

For further information, please contact:

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About Smartoptics:

Smartoptics provides innovative optical networking solutions and devices for the new era of open networking. The Company's customer base includes thousands of enterprises, governments, cloud providers, Internet exchanges as well as cable and telecom operators. Smartoptics has an open networking approach in everything it does, which allows our customers to break unwanted vendor lock-in, remain flexible and minimize costs. The solutions are used in metro and regional network applications that increasingly rely on data center services and specifications. Smartoptics is a Scandinavian company founded in 2006. We partner with leading technology and network solution providers such as Brocade, Cisco and Dell and have a global reach through more than 100 business partners.

For more information, please visit <https://www.smartoptics.com>