

Press release

Smartoptics DCP-404 chosen by US telco Consolidated Telephone Co for 100G DWDM

Oslo, Norway – June 9, 2022 – Smartoptics, a leading provider of optical networking solutions, announced today that Consolidated, a US-based telco operator, has chosen the Smartoptics DCP-404 muxponder to increase the capacity of its ring network to 100G. The DCP-404 was considered the most effective and cost-efficient solution after a thorough analysis of all options available.

Serving rural Nebraska, Consolidated has one of the least populated operating areas in the contiguous United States. The telco aims to provide equitable access to quality phone and internet services regardless of how remote customer properties are located. Consolidated needed to increase capacity in its 400-mile ring network to meet increased mobile backhaul demand. The Smartoptics DCP-404 muxponder was chosen as the most effective and cost-efficient way to deploy 100G DWDM in the upgraded ring.

“Cost efficiency is essential for small carriers like us, and avoiding vendor lock-in helps us to choose and combine the networking solutions with the best return on investment and value for money. Smartoptics plays nice with network elements from other vendors, which makes my life easier in managing a disaggregated network. I love the flexibility that the Smartoptics muxponder gives me: I get up to 400G in capacity but I can just run 100G now to bring the cost down. I’m confident that this solution will serve us well for a long time to come, preparing us well for whatever new demands the future may hold,” says Mike Jones, Central Office Manager at Consolidated.

In addition to cost efficiency, the DCP-404 muxponder was also chosen for its ease of deployment and operation.

“The DCP-404’s zero-touch configuration and broad interoperability make it simple to configure, turn up and to use. The layer 1 muxponder with support for OpenZR+ also increases fiber utilization, providing more capacity per wavelength at a lower latency than a traditional muxponder. The DCP-404 is unique in offering QSFP-DD line support, and when combined with industry-leading low power consumption, it offers unmatched cost efficiency. Overall, it’s a perfect match for service providers with disaggregated networks like Consolidated seeking high performance at a comparatively low cost,” says Kent Lidström, CTO Smartoptics.

For more information please contact:

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About Smartoptics

Smartoptics provides innovative optical networking solutions and devices for the new era of open networking. Our customer base includes thousands of enterprises, governments, cloud providers, Internet exchanges as well as cable and telecom operators. We have an open networking approach in everything

we do which allows our customers to break unwanted vendor lock-in, remain flexible and minimize costs. Our 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, HPE and Dell EMC and have a global reach through more than 100 business partners

For additional information about Smartoptics, please visit www.smartoptics.com