

Press Release

EPB Fiber Optics selects Smartoptics' open line system for 100G network upgrades systems

Oslo, Norway – December 10, 2020 – Smartoptics, a leading provider of optical networking solutions, today announces that US-based EPB Power and Fiber Optics chooses Smartoptics' open line networking solutions to scale and enhance its network services. The new solution is based on Smartoptics' DCP-M open line system for flexible and cost-efficient DWDM connectivity.

EPB, a municipally owned utility, providing electric power, Internet, TV, and phone services to residential and business customers in Chattanooga has signed an agreement with Smartoptics to deploy its [DCP-M40 platform](#).

Under the contract, each of EPB's nodes and data centers will be equipped with the DCP-M40 open line system. The solution offers the capability to deliver 40 channels of any speed up to 400 Gbps over DWDM to each node across diverse paths, enabling network resiliency. The ability to transport multiple 100 Gbps or 400 Gbps services across the metro area, without the need to scale the amount of fiber between facilities, will enable EPB to meet ever-increasing bandwidth demands while securing and capitalizing on the service provider's existing fiber investment.

Joe Freeman, Manager, Network Engineering at EPB, comments: "EPB is committed to our customers to provide world leading network facilities across our service area. We are at the beginning of a multi-year network augmentation to scale our existing network infrastructure. In parallel we are moving from a consolidated network to a more distributed model that will enable us to push services closer to our 170,000 customers. I am confident that Smartoptics' scalable, cost effective DCP-M40 platform is a key component in this growth-strategy that will allow us continue to innovate new customer offerings in the future."

"Smartoptics has a strong track record of providing highly efficient networking solutions to enterprises and governmental organizations. As we have expanded our portfolio over the years, we are now clearly building momentum also with a wide range of community-based service providers as well as network operators, who realize the full benefit of our flexible open line systems. The EPB project, showcasing a massively scalable network solution based on Smartoptics cutting-edge technologies is a clear testament to the success of this strategy," says Magnus Grenfeldt, CEO of Smartoptics.

For more information please contact:

Magnus Grenfeldt
CEO
Smartoptics
Telephone: +47 214 174 00
Email: magnus.grenfeldt@smartoptics.com

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 <https://www.smartoptics.com/>

About EPB

EPB serves the greater Chattanooga area by providing world-class energy and connectivity solutions as a means of promoting economic development and enhancing quality of life for our community. We deliver electricity to more than 170,000 homes and businesses across our 600 square mile service area which includes most of Hamilton County as well as parts of surrounding counties in both Tennessee and Georgia. In 2010, EPB Fiber Optics, which offers internet, TV, and telephone services, became the first provider in the United States to deliver up to 1 Gig (1,000 Mbps) internet speeds utilizing a community-wide fiber optic network which is accessible to every home and business in its service area. In 2015, EPB became the first, and to date, only American ISP to make up to 10 Gig (10,000 Mbps) internet speeds accessible to all of its residential and commercial customers as a standard offer.

EPB has also utilized its community-wide fiber optic network to deploy the most advanced and highly automated smart grid power management system in the nation. In recognition of EPB's groundbreaking infrastructure, the Department of Energy and Oak Ridge National Laboratory are utilizing EPB's smart grid as a national model for researching and developing best practices. EPB is also the first major power distribution utility to earn the USGBC's PEER certification for having a highly automated, modernized electric power grid.

EPB is an independent board of the City of Chattanooga which began serving customers in 1939. Visit EPB.com for more information.