



Celestica's New Ethernet Switch Will Help Propel Open Networking

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Celestica contributes the complete design specification and all design files for the new DS1000 Ethernet switch at 2022 OCP Global Summit

TORONTO, Oct. 18, 2022 (GLOBE NEWSWIRE) -- [Celestica Inc.](#) (TSX: CLS) (NYSE: CLS), a leader in design, manufacturing, and supply chain solutions for the world's most innovative companies, today launched its DS1000 high-performance Gigabit Ethernet Layer 3 switch, a compact, resilient, cost-effective, open network switch. The company also announced it will release the DS1000 into the open source domain as their first-ever contribution to the OCP Enterprise Connectivity Solutions (ECS) group, at this week's [2022 Open Compute Project \(OCP\) Summit](#).

The DS1000 switch is the newest addition to Celestica's [Hardware Platform Solutions \(HPS\)](#) portfolio of cutting-edge storage, compute, networking, and webscale solutions. It features 48 x 10/100/1000Mbps RJ45 ports and 8 SFP+ ports within a 1U form factor for data center and enterprise-class access deployments. It is based on the Broadcom Trident-3 chipset, with an on-board 4-core Intel-based CPU module.

The DS1000 is optimized for:

- 1GbE Data Center Top of Rack
- Enterprise Edge/Access
- Management Switch Use Cases
- Open and Third-Party Network Operating Systems

Celestica, a long-time member of the OCP community, incorporated an [Open Network Install Environment \(ONIE\)](#) installer in the DS1000 to support open and third-party network operating systems.

Bijan Nowroozi, Chief Technology Officer for the [Open Compute Project Foundation](#), said, "We are excited to see Celestica's design contribution of their DS1000 1GbE access switch to the OCP Enterprise Connectivity Solutions [sub-project](#) in the Networking [Project](#). It's great that it's both powerful and compact, making it extensible for the data center and the Edge, and uses OCP's ONIE, a fantastic interface to the platform hardware that enables booting into open and third party network operating systems. Celestica continues to demonstrate its commitment to OCP and the open-source network community, helping OCP to drive innovation and open networking in the Enterprise."

"Celestica is committed to propelling open networking into the enterprise edge," said Gavin Cato, Head and CTO, Hardware Platform Solutions, Celestica. "As a key contributor to this rapidly growing global community, Celestica has collaborated with some of the leaders in the open source environment to develop ground-breaking designs that were used in some of OCP's earliest platforms. Today, we continue to innovate and contribute to empowering the open-source community."

Visit Celestica during the OCP Summit at Booth C8 to meet its engineers and industry experts and see the company's latest advancements in 800G switching and optical technologies.

Additionally, Celestica Senior Director Jeff Catlin will lead a presentation titled "[Open Networking at the Enterprise Edge](#)" on Wednesday, October 19, at 10:20am (SJCC - Concourse Level - 210CG).

About Celestica

Celestica enables the world's best brands. Through our recognized customer-centric approach, we partner with leading companies in aerospace and defense, communications, enterprise, healthtech, industrial, capital equipment, and energy to deliver solutions for their most complex challenges. As a leader in design, manufacturing, hardware platform and supply chain solutions, Celestica brings global expertise and insight at every stage of product development - from the drawing board to full-scale production and after-market services. With talented teams across North America, Europe and Asia, we imagine, develop and deliver a better future with our customers.

For further information on Celestica, visit www.celestica.com. Our securities filings can be accessed at www.sedar.com and www.sec.gov.

About the Open Compute Project Foundation

The Open Compute Project Foundation (OCP) was initiated in 2011 with a mission to apply the benefits of open source and open collaboration to hardware and rapidly increase the pace of innovation in, near and around the data center's networking equipment, general purpose and GPU servers, storage devices and appliances, and scalable rack designs. OCP's collaboration model is being applied beyond the data center, helping to advance the telecom industry & EDGE infrastructure. Learn more at www.opencompute.org.

Contacts: Celestica Global Communications: media@celestica.com, (416) 448-2200. Celestica Investor Relations: clsir@celestica.com, (416) 448-2211.