

ECI Adds Another Layer of Flexibility to Its Apollo Portfolio

With the addition of the 8x24CDCF ROADM, a first of its kind truly contentionless ROADM

PETACH TIKVA, Israel – April 24, 2019 – [ECI](#)[®], a global provider of ELASTIC Network[®] solutions for service providers, critical infrastructures and data center operators, today announced it has added yet another layer of flexibility to its Apollo optical transport portfolio with the addition of a high performance, contentionless 8x24CDCF ROADM based on wavelength switching technologies. This far surpasses the capabilities of contentionless ROADMs available today, which are based on multicast switches (MCS) and can't offer the density, high-caliber performance and cost-efficiency needed for today's networks.

In line with ECI's '*as you like it approach*' to optical networking, the company continues to add flexibility and programmability to its Apollo optical portfolio. Not only does this ensure that customers can tailor the solution to their specific requirements, it is also a means for network operators to achieve optimal returns on CapEx investments, maximize bandwidth capacity and enjoy a pay-as-you-grow approach. ECI already offers programmable throughput with flex-grid and programmable line rate capabilities. This new contentionless ROADM brings programmable wavelength routing to the next level for a more flexible, end-to-end set up.

With the ability to deliver low loss, the 8x24CDCF ROADM enables add/drop port scaling to support capacity growth while eliminating the need for additional amplification to overcome optical losses in multicast switches. As a result, the 8x24CDCF ROADM offers more density, reliability and power efficiency at a lower cost.

Key features of the 8x24CDCF ROADM include:

- **Reduced cost:** Next generation CDC ROADM networks see cost savings due to improved scalability of add/drop ports and removal of superfluous EDFA arrays.
- **Improved performance:** Delivers scalability and reliable performance regardless of port count and lessens strict filtering requirements on transmitters and receivers. It also eliminates the performance degradation from out-of-band noise accumulation.
- **Increased Flexibility:** Works in conjunction with ECI's Apollo product line, including the recently debuted TM1200 programmable 1.2T dual channel blade, providing customers with a wide set of 'mix-n-match' modules from which they can choose to design the optical network of their choice.

"As mobile network operators (MNOs) prepare their networks for 5G, the demand they face is twofold: they must respond to the ever-increasing consumer demand for bandwidth, while also meeting the demand to remain profitable," said Jimmy Mizrahi, head of global portfolio at ECI. "Thus, network operators are seeking technologies which allow them to cost-effectively, dynamically deliver and maximize network bandwidth in real time. The 8x24CDCF ROADM with its enhanced scalability, high-caliber performance, next-generation power efficiency and cost-savings is a unique addition to our family of ROADMs within the Apollo optical networking system, in line with our '*as you like it approach*'."



The 8x24CDCF ROADM is compatible with all Apollo 9600 transport systems. To learn more about ECI's Portfolio ROADMs, download our white paper [here](#). To see more of the Apollo product line, visit <https://www.ecitele.com/productcat/apollo/>.

ABOUT ECI

ECI is a global provider of ELASTIC network solutions to CSPs, critical industries, and data center operators. With the advent of 5G, IoT, and smart everything, traffic demands are increasing dramatically, and network operators must make smart choices as they evolve their infrastructure. ECI's Elastic Services Platform leverages our programmable packet and optical networking solutions, along with our service-driven software suite and virtualization capabilities, to provide a robust yet flexible solution for any application. ECI solutions are tailored for the needs of today, yet flexible enough to meet the challenges of tomorrow. For more information, visit us at www.ecitele.com.

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