

ECI® LIGHTS UP EUROPE'S 400G MARKET WITH MULTIPLE DEPLOYMENTS ACROSS THE CONTINENT

Clients large and small have chosen ECI's Apollo 400G solution to meet ever growing demand

Petach Tikva, Israel – July 12, 2017 – [ECI](#), a global provider of ELASTIC network® solutions for service providers, critical infrastructures, and data center operators, announced today the continued deployment of its 400G solution, enabling customers to provide faster connectivity and meet growing market demand. Within the last few months, key customers across Europe have upgraded their networks with ECI's Apollo family of optical products with integrated 400G flex-grid blade.

Optical networks continue to evolve, and are playing an essential role in providing the necessary infrastructure to handle the growing demand that businesses and consumers are placing on global networks. The emergence of ultra-high capacity wavelengths (200Gb/s and higher) compatible with existing networks is necessary to keep ahead of the curve as essential functions move rapidly to the cloud and into mega data centers. The new ECI deployments are not only proof of market demand, but also that the ECI solution is a strong contender in this space.

[ECI's Apollo platform](#) ensures service providers can easily meet today's demand, while remaining future-proof and flexible to meet the needs of tomorrow. It combines high-capacity, low-latency OTN transport and switching, with software configurable, colorless, directionless and gridless optical routing, for maximum efficiency. With the 400G blade, the allocation of transmission rate and spectrum are fully flexible and can be determined by service, preference or distance. Moreover, the ability to configure a mix of rates on both client and line sides results in maximum efficiency, improved flexibility and reduced TCO (Total Cost of Ownership), particularly suited to industry needs.

"As the optical networking industry evolves, ECI aims to be the supplier of choice for carriers who are looking for a flexible solution that will grow with them as their needs change. ECI's Apollo family of solutions provides granular control over flows, supports rapid service provisioning, dynamic service restoration, and maximum utilization of network capacity," said Jimmy Mizrahi, executive vice president, Global Portfolio at ECI. "The 400G flex-grid blade in our Apollo suite of products is an excellent solution."

A few of the companies who have already implemented ECI's 400G solution include:

- The Dutch National Research and Education Network **SURFnet** created a 400G connection between Utrecht and Breda as part of an upgrade of its next generation network, SURFnet8. The link provides a direct connection, with extremely high capacity

network capabilities, to support the flow of information between educational and research organizations in two major university cities. This solution not only handles the network loads they have now, but can easily adapt to meet the needs Dutch education and research organizations may have in the future.

- German service provider **NetCom BW**, which already operates a large Apollo network, launched the 400G platform to support a link between Stuttgart and Frankfurt. This will now serve as the basis for a direct connection to the Internet Exchange Frankfurt, taking into account its steady customer growth, and the correlated growth of Internet traffic. It also provides future growth possibilities with up to 88 parallel connections.
- Romanian cable TV operator **UPC**, deployed the Apollo platform in its core ring that services the main cities in Romania like Bucharest, Brasov, Cluj, Oradea and Timisoara. The Apollo 88 channel ring will provide 400G connectivity with 100G service interface, replacing the old 10G interfaces. With the new technology in the core, the UPC network is ready to assuage the ever-growing demand from its customers.
- German data center operator **New Telco** has been a loyal ECI customer for nearly a decade. They deployed ECI's Apollo DWDM technology across the Frankfurt metro area. The current project upgrades the existing 100G interfaces to 400G to provide a much higher port density and throughput than ever before.

“ECI’s ultra-high capacity optical solutions, ensure our customers are at the cutting edge of technology,” added Mizrahi. “The sheer number and variety of clients who have already deployed them across Europe, and elsewhere, is an indicator of how traffic needs are growing. We are confident these numbers will continue to grow worldwide. We’re looking forward to meeting the challenges ahead.”

ECI’s 400G flex-grid blade is just one of the ultra-high capacity solutions from ECI, offering drastically improved spectral efficiency (compatible with 50GHz networks), reduced rack space and power consumption, as well as integrated OSNR measurement and analysis (via award winning LightPULSE™) and L1 encryption capabilities. For more information about ECI’s Apollo platform, and how you can get started on the path to 400G, please visit:

<http://www.ecitele.com/pot>.

About ECI

ECI is a global provider of ELASTIC network solutions to CSPs, critical infrastructures as well as data center operators. Along with its long-standing, industry-proven packet-optical transport, ECI offers a variety of SDN/NFV applications, end-to-end network management, a comprehensive cybersecurity solution, and a range of professional services. ECI's ELASTIC solutions ensure open, future-proof, and secure communications. With ECI, customers have the



luxury of choosing a network that can be tailor-made to their needs today while being flexible enough to evolve with the changing needs of tomorrow.

For more information visit www.ecitele.com.

PRESS CONTACT

OneChocolate for ECI Telecom

1 415 989 9803

ecitelecom@onechocolatecomms.com