

ECI Named Winner in 2018 Lightwave Innovation Reviews Program

Company's Apollo TM200EN Per-Service Encryption Card Wins in Optical Subsystems Category

Petach Tikva, Israel – March 19, 2018 – [ECI](#), a global provider of ELASTIC Network® solutions for service providers, critical infrastructures and data center operators, announced today it was recognized as a winner in the 2018 Lightwave Innovation Reviews program by having its Apollo TM200EN Per-Service Encryption Card chosen as outstanding innovation in the Optical Subsystems category. ECI was given the honor during a reception celebrating finalists and winners last week during the Optical Fiber Conference (OFC).

Presented annually by Lightwave, the Lightwave Innovation Reviews program distinguishes top products and solutions available within the optical networking industry as determined by a panel of third-party judges. Judges included industry executives and analysts from a wide variety of service providers, technology developers, industry analysts and journalists.

“On behalf of the Lightwave Innovation Reviews, I would like to congratulate the outstanding winners,” said Lightwave Group Publisher Christine Shaw. “The 2018 program was competitive, and the top scoring companies exemplify innovation in the optical networking industry.”

“We are honored to receive this Lightwave Innovation Reviews Program Award for our TM200EN Per-Service Encryption Card, recognizing our work to provide an industry-leading optical-layer encryption solution,” said ECI Head of Global Portfolio, Jimmy Mizrahi. “ECI’s solution offers a unique encryption on a per-service basis up to 200Gbps, making it one of the fastest in the market. Moreover, the solution enables service providers to offer Layer 1 encryption as a service for additional revenue streams. ”

ECI’s 200G encryption transponder/muxponder with Apollo’s TM200EN card solves the typical all or none issues service providers face when offering optical encryption as a service to customers. As optical hardware has become more compact and more services can be supported on a single card, this has meant limited options for offering separate encryption services.

With the TM200EN card, each client service can be independently encrypted with its own key management, and encrypted and non-encrypted services can be combined on the same line without restrictions. Service providers can now install the hardware for an ultra-high-speed 200Gbps network on day one and offer both encrypted and unencrypted services to their clients. Existing clients can be upsold at any time to an encrypted service without the need to replace any hardware, as the service can be enabled at any time via software commands.

The Innovation Reviews are judged based on the following criteria:

- Originality
- Innovation
- Positive impact on the customer
- How well it addresses a new or existing requirement
- Novelty of approach

- Cost-effectiveness

In addition to this award, ECI was also shortlisted for the Optical Transport Platforms award with the ECI Apollo 9904X Scalable OTN Platform. Up until now, OTN switching has been predominantly deployed in the network core because current solutions require that the entire switching bandwidth be deployed upon installation, or do not provide full mesh connectivity across all interfaces. With the Apollo 9904X, service providers can now enjoy the benefits of OTN switching in a cost-effective, compact form factor, which is perfect for metro networks. The expandable switching capability of the Apollo 9904X allows OTN switching to be added economically in 200Gbps increments, when and where it is needed.

For more information about ECI's packet-optical transport families and other networking solutions, please visit: <http://www.ecitele.com/pots/>.

About Lightwave

For more than 30 years, Lightwave (www.lightwaveonline.com) has delivered trusted technical, application and business insights to senior-level decision makers for optical communications worldwide. Lightwave serves technology vendors, communications carriers and major enterprises with a complete and nuanced picture of the optical communications business environment. Lightwave is a valued information source for information related to FTTx, networking, equipment design, MSO optics, and test and measurement for corporate executives, department heads, project managers, network engineers and others making strategic decisions that are critical to the success of their businesses. Lightwave is a unit of PennWell Corporation.

About The 2018 Lightwave Innovation Reviews Program

The Lightwave Innovation Reviews is in its fourth year of recognizing and celebrating the industry's most unique products and solutions that help optical communications professionals worldwide drive improvements and innovation in optical technology. Executives at Ciena, Intel, Lumentum, LightCounting Market Research, and ADVA were among the third-party judges for the 2017 Innovation Reviews. Criteria used in the Innovation Reviews rankings include, first and foremost, unique technology or application thereof, innovation, ease of use, efficiency, reliability and contribution to profitability.

About PennWell Corporation

Founded in 1910 in Tulsa, Oklahoma, PennWell Corporation is a privately held and highly diversified business-to-business media and marketing services company that provides quality content and integrated marketing solutions for the following industries: Oil & gas, electric power generation and delivery, hydropower, renewable energy, water and wastewater, lasers and optoelectronics, fiber-optics, cabling, broadband, aerospace electronics, LEDs and lighting, fire and emergency services, and dental. PennWell publishes over 130 print and online magazines and newsletters, conducts 50 conferences and exhibitions on six continents, and has an extensive offering of books, maps, websites, research and database services. In addition to PennWell's headquarters in Tulsa, Oklahoma, the Company has major offices in Nashua, New Hampshire; London, England; Houston, Texas; San Diego,



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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.

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