ECI Demonstrates 5G Capabilities in Paris

Highlighting interoperability, segment routing traffic engineering (SR-TE) and PCEP

Petach Tikva, Israel – April 10, 2019 – ECI®, a global provider of ELASTIC Network® solutions for service providers, critical infrastructures and data center operators, announced today it is once again exhibiting its Neptune family of products at the MPLS + SDN + NFV World Congress 2019 interoperability showcase organized by EANTC. This year, ECI's Neptune 1050 and 1300 participated in a variety of tests essential to 5G and SDN controlled networks, including Segment Routing Traffic Engineering (SR-TE) and PCEP (Path Computation Element Protocol).

"5G will require a service-oriented network, which can dynamically, yet assuredly, change to support new services and changing traffic patterns. This will necessitate a change to how we currently provision networks and manage network traffic," said Jimmy Mizrahi, ECI's EVP of Global Portfolio. "Segment Routing-TE and PCEP are essential to making 5G network slicing work. This is yet another step forward for ECI on the path to making 5G transport a reality."

SR-TE is the emerging standard to enable traffic engineering in MPLS and IPv6 environments. SR-TE provides a simple, automated, and scalable mechanism which is essential for delivering on service policies. ECI successfully participated in the Segment Routing TI-LFA, SR LSP Ping/Traceroute, and the SR Anycast categories.

The Path Computation Element with its associated path computation clients provides the ability to calculate and deliver traffic across a network to meet each of the various policies and parameters, on a service by service basis. Interworking with Path Computation Elements will be essential for dynamic networking in the 5G age, and ECI successfully demonstrated interworking in the following categories: PCE-initiated paths in a stateful PCE model and path re-optimization in a PCEP network.

Mr. Mizrahi continued, "5G networks will require an open, fully integrated packet and optical transport network that can be sliced and diced according to requirements. ECI's Neptune (NPT) packet transport solutions are continuing to evolve along these lines to meet customer needs. ECI's SR and PCEP capabilities provide the dynamic determinism that is essential in 5G transport networks. Interoperability testing has always been a central component of our product development."

ECI's solutions will be displayed at EANTC's interoperability showcase during MPLS + SDN + NFV World Congress 2019 in Paris. For more information about the testing procedures and results, download the white paper here. ECI experts will be on site to explain ECI's packet solutions for 5G, the new metro and beyond.

ABOUT EANTC

EANTC (European Advanced Networking Test Center) is internationally recognized as one of the world's leading independent test centers for telecommunication technologies. Based in Berlin, Germany, the company offers vendor-neutral consultancy and realistic, reproducible high-quality testing services since 1991. Customers include leading network equipment manufacturers, tier-1 service providers, large enterprises and governments worldwide. EANTC's proof of concept, acceptance tests and network audits cover established and next-generation fixed and mobile network technologies.
http://www.eantc.com

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.

Press Contact
Allison + Partners for ECI Telecom
+1 415 294 9846
ECI@allisonpr.com