

Survey on Deep Packet Inspection Reveals Top Challenges for Telecom & Security Vendors

STOCKHOLM, Sweden, July 21, 2020: Enea® (NASDAQ Stockholm: ENEA), a global supplier of innovative software components for telecommunications and cybersecurity, today announced the results of the first survey about deep packet inspection (DPI) conducted among high-tech product managers.

The goal of the survey is to better understand how DPI, a technology that identifies and details network traffic, is used by telecommunications and cybersecurity solution vendors today, and what they need from DPI in the future.

The responses reveal much more than specific details about DPI needs. They show that telecom and security vendors and their customers are facing rapid changes as the cloud transformation, 5G networking, work from home practices, and the Internet of Things (IoT) have a profound effect on network users, devices, and services.

Respondents indicate that understanding and controlling network traffic is key to surviving these changes. This is only possible with accurate, real-time, application-level visibility. As a result, DPI is seen as an essential technology, which must evolve and continue to deliver the much-needed visibility. All indications are that this evolution is happening, as the boundaries of DPI have already been greatly expanded through the use of advanced analytics, and the technology now delivers important insights about network traffic even without inspecting the main content (or payload) of packets.

Key findings show that:

- The elimination of conventional network borders – and with them perimeter control points – makes traffic-based threat detection more important. Abnormal traffic detection was identified as a top use case for DPI software.
- 70 percent of respondents require classification of connected devices in enterprise and IoT/industrial networks.
- The increased use of encryption along with adoption of the stringent TLS 1.3 security protocol (mandatory in 5G), threatens essential traffic visibility for many vendors.
- Most vendors report that they have or are developing cloud solutions, with half of them planning to offer a Secure Access Service Edge (SASE) solution, that integrates security and networking in a cloud-based service.

“Gaining maximum visibility into network traffic has become both more urgent – and more difficult”, stated Jean-Philippe Lion, Senior Vice President of the DPI Business Unit at Enea. “This is due to the convergence between networking and cybersecurity, combined with an increased adoption of cloud services. At Enea, we will continue to invest significant R&D resources to ensure that our customers get the traffic intelligence they need for their business”.

To learn more, we invite you to attend a live presentation of the results with Q&A on Thursday, July 23rd at 10:00 am Eastern Time USA / 4:00 pm Central European Time (GMT +2).

Register here: https://zoom.us/webinar/register/WN_EgP07N1tQbGEKNWlr1mmdg

After the event, the complete survey report will be available on the Enea Qosmos website: <https://www.qosmos.com/>

About Enea

Enea is the world-leading supplier of innovative software components for telecommunications, networking and cybersecurity. Focus areas are cloud-native, 5G-ready products for mobile core, network virtualization, and traffic intelligence. More than 3 billion people rely on Enea technologies in their daily lives. Enea is listed on Nasdaq Stockholm. For more information: www.enea.com

The embedded traffic intelligence products provided by Enea classify traffic in real-time and provide granular information about network activities. The portfolio includes the Enea Qosmos ixEngine® and the Enea Qosmos Probe. The products support a wide range of protocols and are delivered as software development kits or standalone network sensors to network equipment manufacturers, telecom suppliers, and vendors of cybersecurity software.

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