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## NEXCOM and Enea Launch Open Source Software Kit for Secure SD-WAN Leveraging flexiWAN

Enea and NEXCOM have jointly developed an open source software kit for secure SD-WAN, making it easy for systems integrators and communication service providers to evaluate and deploy enterprise networks leveraging universal customer premises equipment (uCPE). The kit includes flexiWAN, an open source SD-WAN application, and pfSense, an open source firewall, both virtualized to run on uCPE. Included are also automation scripts for onboarding and testing, and extensive how-to-guides.

The open source software is configured for Enea's uCPE virtualization and management platform, Enea NFV Access, and NEXCOM's Intel-based TCA 5170 and DTA 1160 whitebox appliances.

The two hardware platforms provide different networking capacity at different price points, covering a wide range of performance requirements for various use cases. NEXCOM [TCA 5170](#) is based on an Intel® Xeon® D processor and is designed for high virtualized performance, while NEXCOM [DTA 1160](#) is based on an Intel Atom® processor and designed for light-weight, scale-out workloads. Both configurations have been tested to meet the throughput requirements of most small and mid-sized branches.

Providing a complete application framework, including open source Virtual Network Functions (VNFs) and all necessary configurations, the software kit significantly shortens the time to bring up a solution on uCPE. It can easily be adapted to accommodate preferences for specific VNF vendors by replacing the open source VNFs with other SD-WAN or firewall VNFs, or by extended it with additional applications.

“Our collaboration with Enea is part of our strategy,” says Allan Chiu, VP of Network & Communication Solutions at NEXCOM. “It allows us to bring pre-verified solution kits to the market for quick and easy adoption by end customers. We hope to increase our collaborative efforts in the years to come.”

“The demand for uCPE-based SD-WAN and security is growing rapidly and this kit is a great way to shorten time-to-market,” says Karl Mörner, Vice President of Product Management at Enea. “We think of it not only as a starter kit, but also as a complete, cost-effective, software solution for deploying secure SD-WAN.”

“Leveraging the open source SD-WAN of flexiWAN allows vendors such as Enea and NEXCOM to ship their products pre-installed with a ready to use solution” says Amir Zmora, CEO & co-founder of flexiWAN. “The system automatically registered with flexiWAN’s cloud management and users can open a free account and start using the system”

## Links:

- White Paper: NEXCOM and Enea Test Open Source SD-WAN, Firewall Solutions  
<https://networkbuilders.intel.com/solutionslibrary/nexcom-and-enea-test-open-source-sd-wan-firewall-solutions>
- Webinar: Where is uCPE Going in 2021?  
<https://www.brighttalk.com/webcast/12229/461871>

## Contacts

Erik Larsson, Senior Vice President of Marketing and Communication, Enea  
E-mail: erik.larsson@enea.com

Jennifer Lan, Director, Sales and Marketing, Network & Communication Solutions, NEXCOM  
E-mail: jenniferlan@nexcom.com.tw

## About Enea

Enea is one of the world’s leading suppliers of innovative software for telecommunication and cybersecurity. Focus areas are cloud-native, 5G-ready products for data management, mobile video traffic optimization, edge virtualization, and traffic intelligence. More than 3 billion people rely on Enea technologies in their daily lives.

Enea is headquartered in Stockholm, Sweden, and is listed on Nasdaq Stockholm.

For more information: [www.enea.com](http://www.enea.com)

## About NEXCOM

NEXCOM was founded in 1992 and is headquartered in Taipei, Taiwan. Integrating diverse capabilities, NEXCOM operates six global businesses, including the Network and Communication Solutions (NCS) unit, which focuses on high performance computing and network technology and is committed to helping customers build network infrastructure. NCS' network application platform is widely adopted in CDN, [Cyber Security Appliance](#), Load Balancer, [uCPE](#), Router, SD-WAN, Edge Computing, Storage, NVR, and other network applications.