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Enea Joins Telenor in World's Most Diverse Multi-Vendor 5G SA Core Solution

Enea announced today that it is part of Telenor's trailblazing initiative to create the world's most diverse multi-vendor 5G standalone (SA) solution, that includes Proof of Concept (PoC) of a fully secure cloud-native 5G Core for network slicing. This is ready for deployment and can support both high performance telecom and enterprise applications. Having met stringent security requirements, Telenor's solution is already being trialled by the Norwegian Armed Forces and is a pioneering use case of network slicing in action.

Enea provided Telenor with its cloud-native 5G data management solutions including its telco-grade fully secure Unified Data Manager (UDM) that can support up to 10 billion data entries at a rate of 1 to 500,000 transactions per second. Enea's solution also delivers automated end-to-end encrypted communications from the core to the edge. To provide robust data privacy, a critical consideration for the Norwegian Armed Forces, the UDM has built-in Subscription Concealed Identifier (SUCI) capabilities that safeguards user data. It camouflages the permanent identifier that usually accompanies a subscriber's activity on the network.

Telenor also utilized Enea's User Data Repository (UDR) and Authentication Server Function (AUSF) to provide best of breed 5G data management capabilities. Along with strengthening data security, Enea's solution maximizes uptime by conducting automated end-to-end testing of the 5G Core. This ensures that applications on the network receive data seamlessly and perform efficiently – with five-nines reliability.

"Enea's cloud-native, vendor-neutral data management products are robust and truly innovative. And Enea's collaborative strategy resonates with our own ethos. By creating a multi-vendor environment, operators and enterprises can foster innovation, reduce the total cost of ownership (TCO) and can cut time to market for new services.", says Patrick Waldemar, Vice President, Telenor Research.

Indranil Chatterjee, Chief Customer Officer at Enea commented: "It has been a privilege to partner with Telenor and showcase our capabilities in this ground-breaking project. The initiative provides a blueprint for both operators and enterprises to create a cloud native, best-of-breed 5G environment that, by its multi-vendor nature, eliminates vendor lock-in."

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Enea's award-winning solutions are 3GPP compliant and have been deployed by many of the world's largest network operators to efficiently manage data in the 5G Core. 8 out of 10 multi-territory global mobile operator groups have deployed Enea technology.

Sue Rudd Director Networks and Service Platforms at Strategy Analytics added: "Enea and Telenor's innovative collaboration demonstrates the service flexibility 5G SA can offer with end-to-end network slicing and seamless UPF assurance. Enea's rich heritage of developing truly open, interoperable technologies, and vendor independent 5G data management solutions embody the benefits of virtualization and the security of network slicing to unleash the economic potential of 5G for operators and enterprises."

Watch the world's most diverse multi-vendor 5G standalone (SA) solution in action here.

Find out more about Enea's data management solutions for the 5G core and Enea's 5G MicroCore for private networks.

Contact

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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.
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