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Compal Electronics Deploys Enea's 5G MicroCore for Private 5G Network

Enea today announced that Compal Electronics, one of the world's largest original design manufacturers (ODMs) has deployed the Enea 5G MicroCore to manage data on its private wireless network and enhance its smart manufacturing and Industry 4.0 capabilities. Compal, based in Taiwan, is leveraging Enea's 5G MicroCore across a range of smart technologies including agritech, digital healthcare, robotics, and immersive gaming to utilize 5G technology.

Enea designed the 5G Microcore based on its deep telco expertise. Enterprises and telecom operators can now benefit from the best of both worlds with Enea's 5G MicroCore — a sophisticated 5G Core with proven telco-grade robustness that delivers agility for scale, speed, and secure private network provisioning.

Enea's solution is also based on 3GPP telco standards to provide assurance for enterprises and operators that they can mix and match solutions from different vendors for complete interoperability and have unfettered, secure access to data over private wireless networks. Along with adherence to telco standards, security was another key consideration for Compal Electronics.

The ODM needed to securely authenticate and provision various devices, including Virtual Reality (VR) and Augmented Reality (AR) headsets over 5G radio and small cells. The fully virtualized 5G MicroCore provides secure authentication thanks to the integrated data management capabilities that include a Unified Data Manager (UDM), Authentication Server Function (AUSF) and User Data Repository (UDR).

"Enea is a virtualization trailblazer. We have deployed Enea's 5G Core as part of a best-of-breed strategy to benefit from interoperable data management, simplified operations and truly elastic scalability", said Vice President JS Liang at Compal Electronics. "Thanks to 3GPP standards, we have the freedom to select innovative companies like Enea and stay clear of vendor lock-ins!"

"Our 5G MicroCore solves another critical issue", added Jonas Jacobsson, Senior Vice President Head of Service Provider Sales, Enea. "Our virtualized technology is cutting total cost of ownership (TCO) by up to 50%, while boosting sustainability for enterprises and operators. The 5G MicroCore solution makes a tangible difference, reducing the number of servers – cutting the carbon footprint - with no trade-offs in performance."

Enea's innovative solution stores and manages data across all 5G core and edge functions for seamless 4G /5G interworking. With zero-touch operations and self-management features, the 5G MicroCore is easy to configure for fast deployment, even on multiple clouds to accelerate time to market. The solution works across private, public and hybrid clouds.

References

- Enea 5G MicroCore <https://www.enea.com/products-services/5g-data-management/enea-5g-microcore>
- The Enea 5G MicroCore for Private 5G Networks (eBrief) <https://owmobility.com/wp-content/uploads/Enea-5G-MicroCore-for-Private-5G-eBrief-Q2-2021.pdf>

Contact

Chevaan Seresinhe, Sonus PR for Enea
E-mail: chevaan.seresinhe@sonuspr.com
Telephone: +44 797 1967 644

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

About Enea

Enea is one of the world's leading specialists in software for telecommunications and cybersecurity. The company's cloud-native products are used to enable and protect services for mobile subscribers, enterprise customers, and the Internet of Things. 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

About Compal

Established in 1984, Compal has grown to the worldwide leading original design manufacturer (ODM) with outstanding management and solid R&D capacity. Compal manufactures 5C products, which are computing, communication, consumer electronics, cloud servers and connecting devices. Compal is headquartered in Taipei, Taiwan with manufacturing sites and after-sale service centers in China, Vietnam, USA, Brazil and Poland. Compal is a Fortune 500 company for many years. For more information: www.compal.com