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## Enea's 5G MicroCore Deployed for Private 5G Network



[Aishwarya Saxena](#) November 24, 2021

Enea has reported that Compal Electronics has chosen 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 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 JS Liang, Vice President 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, 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 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'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.

### [Aishwarya Saxena](#)

A book geek, with creative mind, an electronics degree, and zealous for writing. Creativity is the one thing in her opinion which drove her to enter into editing field. Allured towards south Indian cuisine and culture, love to discover new cultures and their customs. Relishes in discovering new music genres.