Tier 1 Operator Deploys Enea's Solution for 3GPP Release 16 Interoperability Interface in 5G SA

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Enea on Wednesday announced that a tier one North American operator has deployed its 5G network data layer (NDL) solution, Stratum to create the industry's first 3GPP Release 16 interoperability interface in a 5G standalone (5GSA) environment.

The interface will allow the mobile operator to bring together all network and subscriber data from across its 4G and 5G networks.

Release 16, due to be launched later this year, places great emphasis on the interoperability between 4G and 5G providing a bridge between network generations. Using Release 16-compliant software, operators will be able to manage subscriptions and session data across access networks. This interoperability is crucial for a smooth user experience. Additionally, dynamic session data management allows operators to accelerate new service launches and to recover faster from any interruption – avoiding signaling storms in the 5G control plane.

Stratum, part of Enea's 5G data management suite originally developed by Openwave Mobility, combines all system and subscriber data silos into a single network data layer. Aligned with 3GPP service based architecture this enables a distinct separation between 5G functions and their data. Using Stratum within the 5G Core, operators are able to define and manage their most valuable asset, data about their consumers- avoiding vendor-lock in and silos.

Indranil Chatterjee, Chief Customer Officer at Enea
Our research found that one third of operators will look to deploy 5G SA over the next two years and

the transition from 4G to 5G is well underway. The Stratum interface will help operators to transition their subscriber data from 4G seamlessly and leverage all of the benefits that come with Release 16.

Ray Sharma

Ray is a news editor at The Fast Mode, bringing with him more than 10 years of experience in the wireless industry.

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