Realizing OpenRAN efficiency and performance

OpenRAN Lab: Realizing OpenRAN efficiency and performance with 'one-test'

DUBLIN, IRELAND & RICHARDSON, TX – June 11, 2019: Aspire Technology, a leading supplier of end-to-end network performance improvement solutions, together with Mavenir, its anchor OpenRAN supplier and leader in virtualized RAN, announce the launch of their OpenRAN Interoperability & Performance Benchmarking service.

Operators are eager to embrace OpenRAN as it allows the deployment of open market (white box) remote radio units (RRUs) to interwork with the virtualized cloud baseband units (vBBU) over ethernet fronthaul (FH), promoting openness and industry collaboration over closed proprietary specifications.

Traditionally, RAN vendors are expected to conduct rigorous testing in cooperation with each of its operator customers prior to the release of products or upgrades to operator's RAN networks. Each operator conducts its own acceptance testing to validate conformance to specifications. This leads to a huge duplication of effort within the industry and protracted release timelines. With OpenRAN and the introduction of disaggregated multivendor environments, the dimensions of this testing challenge begin to multiply. Due to standardization one-stop approvals are now possible for each of the OpenRAN elements.

This new OpenRAN Interoperability & Performance Benchmarking service delivered through the Aspire OpenRAN Lab based in Dublin and being pioneered in conjunction with Mavenir signals a move towards independent testing and benchmarking process prior to operator live field deployment. OpenRAN Interoperability & Performance Benchmarking will encompass all standardized fronthaul specifications (when open) including CPRI, eCPRI, and O-RAN fronthaul as well as functional and non-functional performance testing to ensure end-to-end performance indicators can be achieved in a disaggregated Open RAN scenario.

"This independent benchmarking service shortens the time to market and vastly reduces the global field service resource demands for new OpenRAN vendors such as Mavenir. Meanwhile, operators are assured of the confidence to deploy multivendor OpenRAN systems which meet stringent performance requirements in terms of coverage and capacity without incurring the cost and time to perform their own lab-based testing. Furthermore, independent benchmarking can provide confidence in the new products, features or releases at a much earlier point in the commercial process – and even prior to vendor selection and investment/procurement commitment." Declan Friel, Aspire Technology CTO.

Mavenir Senior VP, Mikael Rylander "This game-changing approach shifts the focus away from bilateral vendor-operator testing and acceptance processes by offering to the industry a truly independent test and benchmarking service. By testing once and then deploying in parallel many times to many different operators, the delays and duplicated efforts of lab-based testing for each operator deployment project is alleviated resulting in significant cost savings and improved time to market"

About Aspire Technology

Aspire Technology delivers end to end Network Services, Consulting and Software Solutions to network operators, managed service providers and technology partners.

Our multivendor, multi-technology solutions are delivered by world-class engineers, realizing major improvements in network performance and quality of experience and generating significant capex and opex savings.

Our expertise, software, and unique solutions allow us to deliver the connected world on any network, anywhere, for any client.

Aspire Technology is an active member of the Facebook Telecom Infra Project.

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About Mavenir

Mavenir is the industry's only end-to-end, Cloud Native network software provider. Focused on accelerating software network transformation and redefining network economics for Communications Service Providers (CSPs) by offering a comprehensive end-to-end product portfolio across every layer of the network infrastructure stack. From 5G application/service layers to packet core and RAN – Mavenir leads the way in evolved, Cloud Native networking solutions enabling innovative and secure experiences for end-users. Leveraging industry-leading firsts in VoLTE, VoWiFi, Advanced Messaging (RCS), Multi-ID, vEPC, and Virtualized RAN, Mavenir accelerates network transformation for more than 250+ CSP customers in over 130 countries, serving over 50% of the world's subscribers.

Mavenir embraces disruptive, innovative technology architectures and business models that drive service agility, flexibility, and velocity. With solutions that propel NFV evolution to achieve web-scale economics, Mavenir offers solutions to help CSPs with cost reduction, revenue generation, and revenue protection. Learn more at mavenir.com.

Mavenir is an active member of the O-RAN Alliance and Facebook Telecom Infra Project.