Telcos around the world are quickly moving towards Open RAN for their 5G deployments as it allows them to avoid vendor lock-in, brings new innovation and a best-of-breed approach to different network components for the first time by sourcing multiple vendors.

The Global Mobile Industry is Embracing Open RAN to Drive Innovation

Challenges for Communication Service Providers (CSPs)

- Accommodating increased traffic demand due to more connected devices and new usage patterns. By 2025 5G smartphone users are expected to consume 100GB per month.
- Delivering more value to end users by improving user experience. 71% of manufacturers are willing to pay more for 5G connectivity.
- Creating new business models and revenue streams. eMBB, FWA & XR are viewed as key new and improved 5G services.
- Efficiently replacing and upgrading legacy networks. CSPs will invest US$858bn in 5G networks by 2025.

1 https://gsacom.com/technology/5g/
4 https://5g.co.uk/news/video-streaming-and-faster-5g-speeds-data-usage-surge/4274/
5 https://inform.tfforum.org/research-reports/5g-future-targeting-the-enterprise/
6 https://inform.tfforum.org/research-reports/5g-future-business-models-for-monetization/
NEC’s 5G Vision – An Open Ecosystem Approach

NEC takes an “Open Ecosystem” approach to 5G network deployments, offering end-to-end solutions via our partners’ best-of-breed components for 5G Standalone service.

5G Standalone architecture unlocks the full potential of 5G by enabling massive Machine Type Communication, Ultra Reliable Low Latency Communications and enhanced Mobile Broadband as an extension of 4G LTE technology.

Why NEC?
NEC can deliver end-to-end 5G network solutions via our open ecosystem. Our CSP customers benefit from our global ICT expertise and experience in the following areas

NEC’s Competencies
- An open ecosystem approach with a diversified and trusted supply chain
- Open RAN architecture to increase the flexibility of deployment scenarios and simplified operations
- SI capabilities to orchestrate and reduce integration complexity with multi-vendor components

Customer Benefits
- Diversified supply chain & no vendor lock-in
- Flexible network design, deployment and operation
- Innovate the user experience
- Reduced time-to-market

NEC. Your Trusted Partner in 5G
- IT and network expertise in virtualization technology & networking
- Radio Unit and IOT interoperability testing skills
- Strong global footprint with leading CSPs
- Global partnerships with multiple industry-leading technology vendors

Learn more at www.nec.com/5g/ © 2020 NEC Corporation, NEC and the NEC logo are registered trademarks of NEC Corporation.