Converging Mobile RAN, Mobile Edge Computing (MEC), IoT applications and ICT solutions – with smarter, smaller cells

Smart Radio Access Networks

Rapid, cost-effective coverage, capacity, superior end-user experience, throughout, latency and new revenue-generating MEC and IoT applications for enterprise, industry and social organisations.

Smart RAN incorporates MEC & IoT solutions

- Business, Industrial and Social applications are increasingly reliant on robust and ubiquitous wireless IoT networks that can deliver both high throughput and low latency – not only outdoors, but increasingly inside commercial and public buildings and homes – with small cells. The market needs cohesive, integrated end-to-end ecosystems, comprising RAN (Radio Access Networks), MEC (Mobile Edge Computing) and Cloud service platforms.

- MEC applications add ‘smarts’ to RAN, that deliver social and economic value to end-users. Mobile network operators and venue owners can play an important role in this ecosystem – by providing both a more reliable mobile and IoT network infrastructure everywhere and the smart mobile edge computing platforms to leverage this.

- NEC’s Smart RAN enables today’s smart enterprises, smart cities and smart homes, paving the way to 5G and the future of networks. Delivering unparalleled network capacity for superfast wireless broadband and low-latency connections for secure IoT applications - NEC’s future proof Smart RAN, incorporate C-RAN and small cell technologies, MEC, Virtualization, licensed and unlicensed spectrum and flexible front-haul and backhaul options to drive economies of scale, new revenue streams and RoI for mobile network operators.
Smart RAN incorporates innovative MEC & IoT solutions, delivering new value to enterprise, industrial and social end-users and mobile operators alike.

### Business Use Case & New Revenue Stream

- New revenue streams and social capital emerge from business, industrial and social use cases, all orchestrated under a cohesive ecosystem. A coherent, open, secure, wireless network infrastructure can now be deployed and leveraged not only by traditional mobile operators but also by each industry vertical wherever this may be required.

### Proven track record delivering leading-edge technologies

- NEC's Smart RAN Solutions feature innovative multimode 3G, LTE and dual-carrier LTE with carrier aggregation as well as the emerging LTE-U, LTE-LAA solutions.

- As a pioneer and leader in the small cells industry with a proven delivery track record, NEC has lead extensive commercial deployments of a wide range of compact, energy-efficient radio access products, advanced services and end-to-end solutions for enterprise, industry, financial, government and healthcare institutions and public mass transit systems that are.

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