

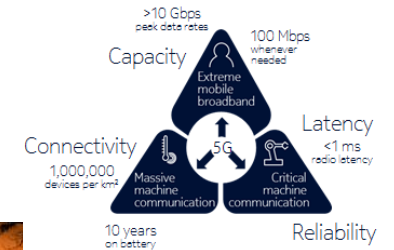
Evoluzioni delle reti mobili al 5G per soluzioni mission critical

Ing. Carlo Liberati

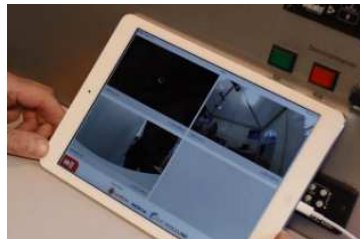


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Mission Critical and Public safety networks new capabilities with 5G



Real-Time video



Person to person & group Communication (incl. video)



Location and mapping



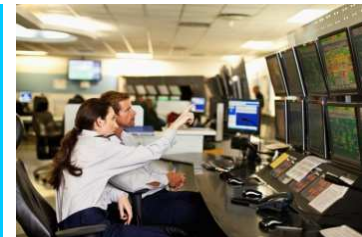
Monitoring



Database lookup and reporting



Control room applications



Faster communication

New Services

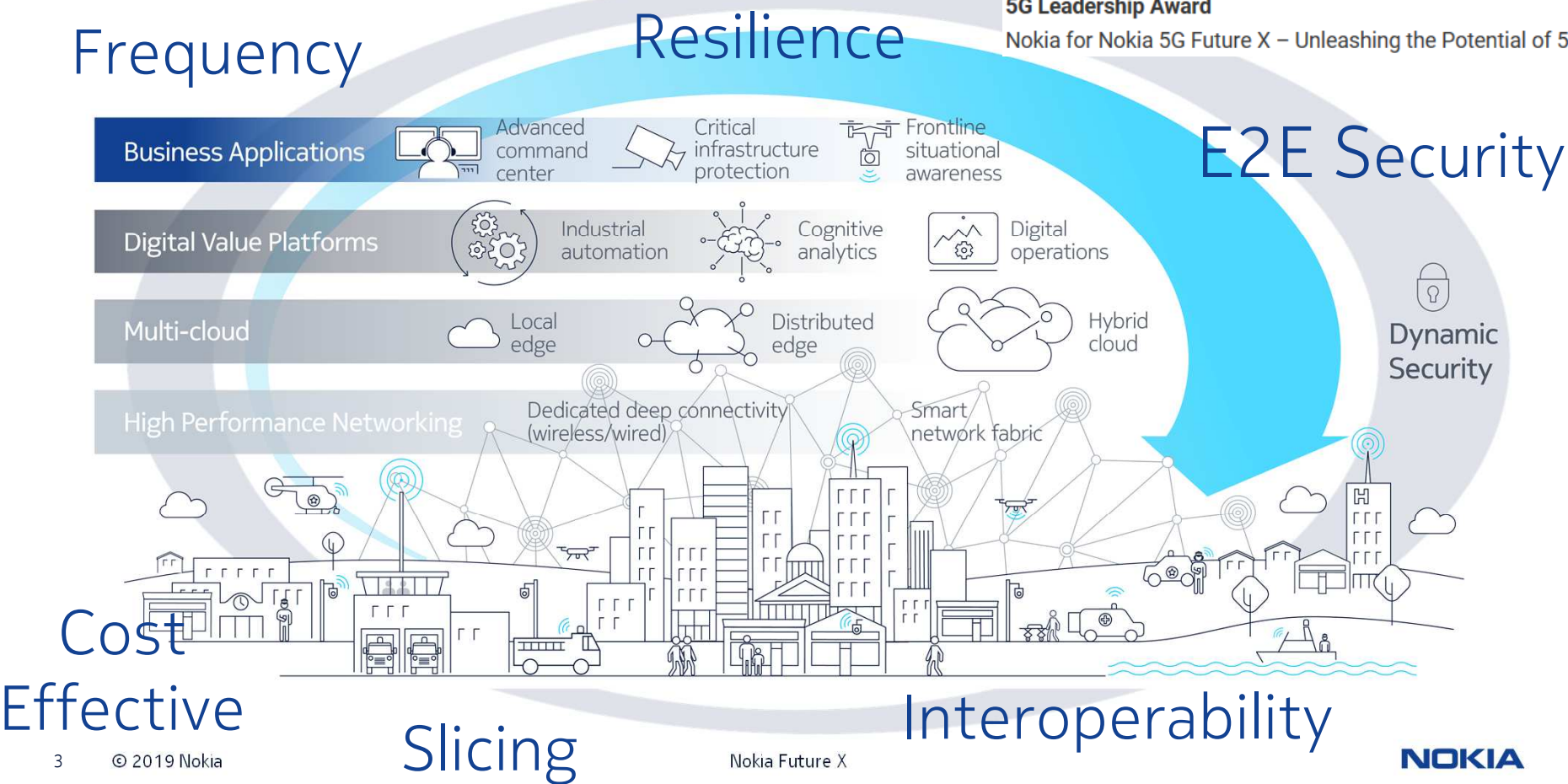
Efficient Processes

Massive IoT

Future X architecture for public safety



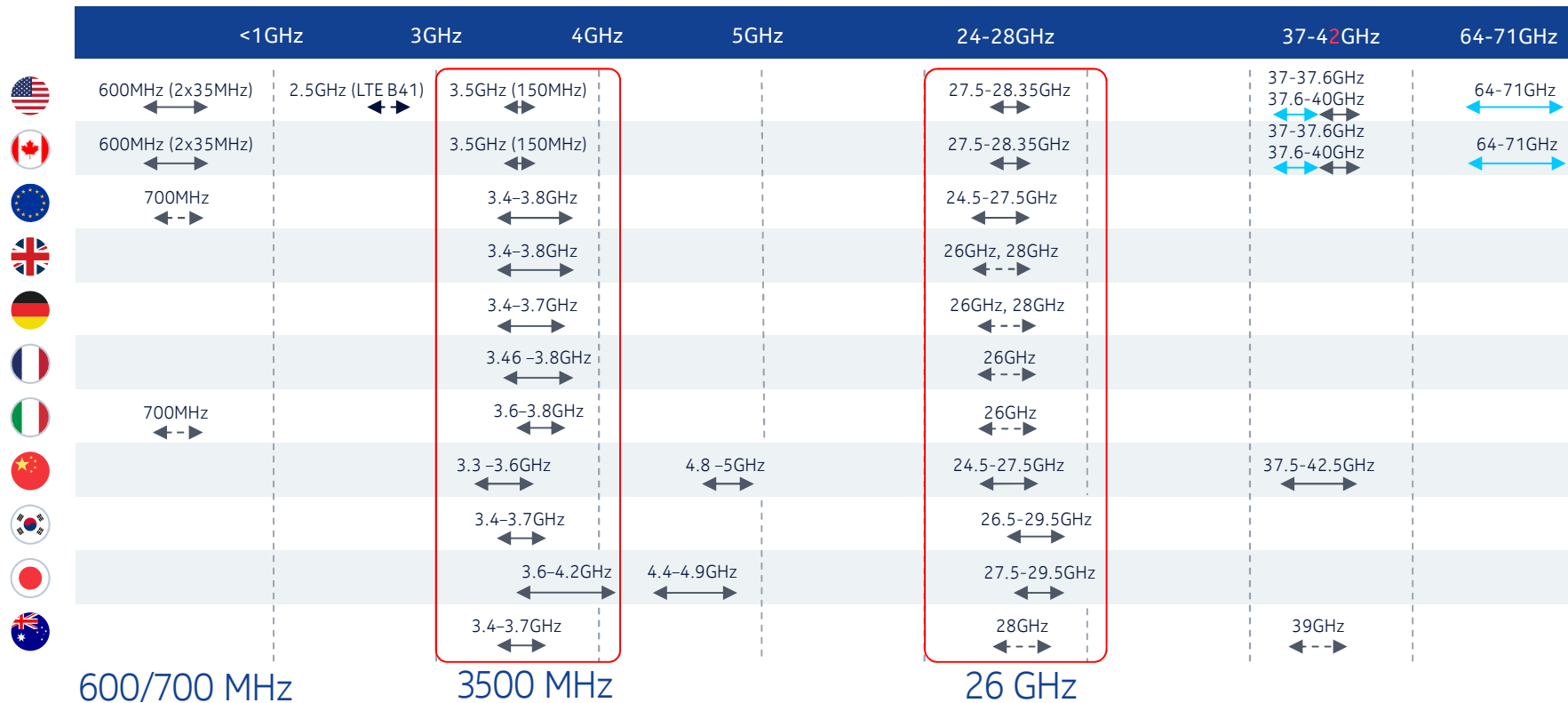
5G Leadership Award
Nokia for Nokia 5G Future X – Unleashing the Potential of 5G



Global snapshot of 5G spectrum

Around the world, there is a pattern of band allocation

New 5G band



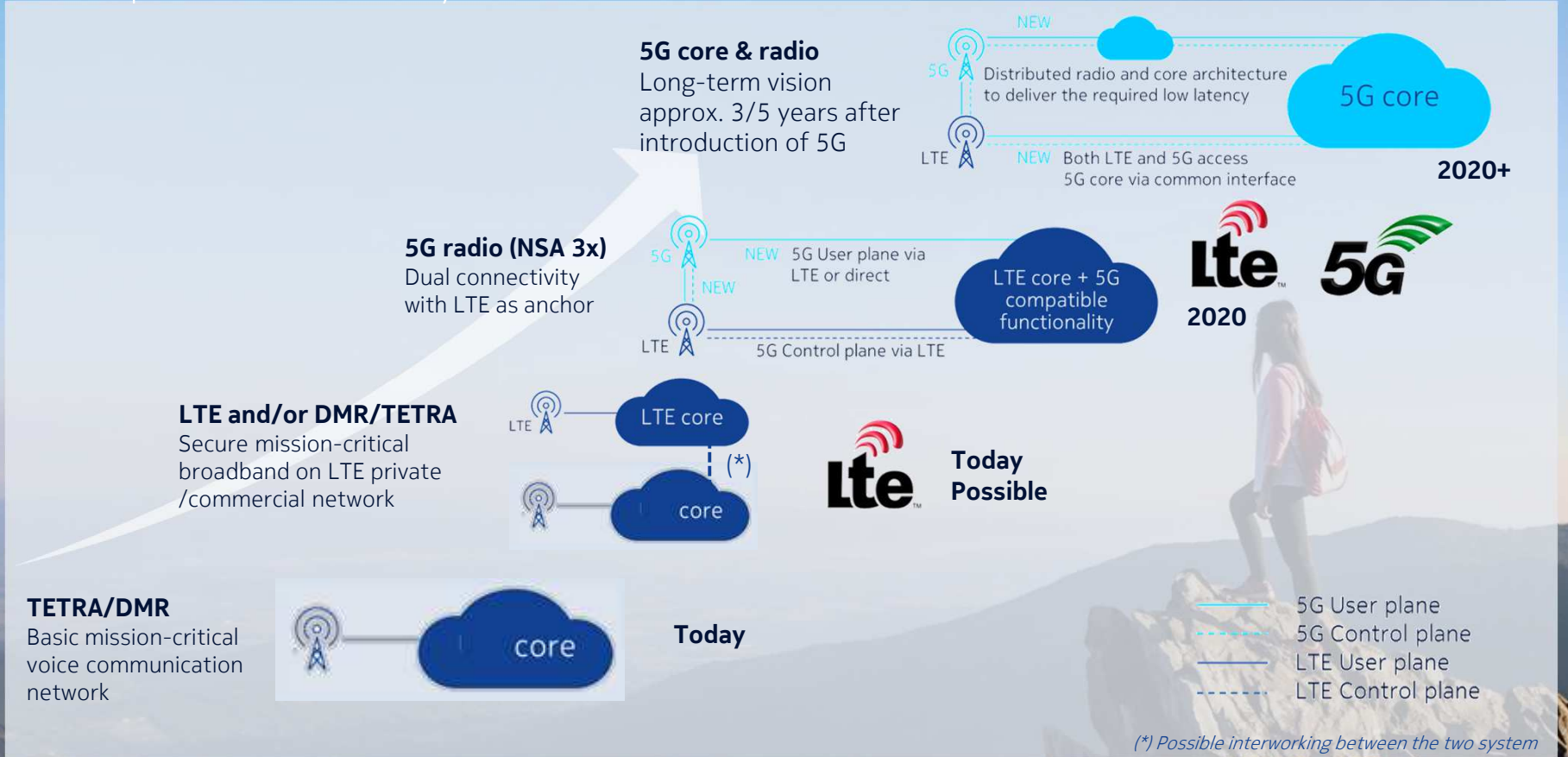
600/700 MHz

3500 MHz

26 GHz

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Roadmaps from Today Networks to 5G for mission-critical networks



Speed of innovation with the wider 5G ecosystem

Driving the deployment of 5G

Nokia 5G trials and contracts



Collaborating with leading chipset and device manufacturers



3GPP compliant 5G smartphones expected to be available in 2019

Piloting with leading verticals

5G smart sea port / airport



5G V2X connectivity



Smart power grids



5G industrial automation



We create the technology to connect the world

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