

5G

Wireless Access of the Future

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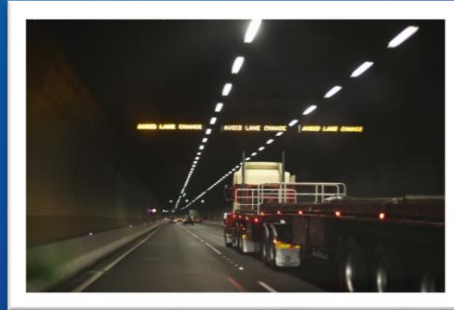
5G Wireless Access



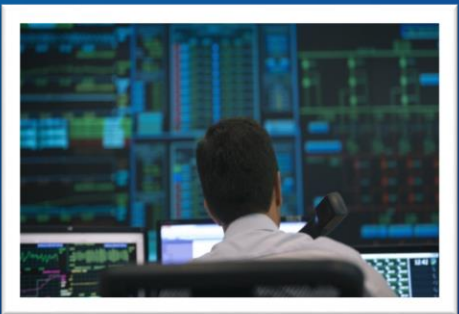
BROADBAND AND
MEDIA EVERYWHERE



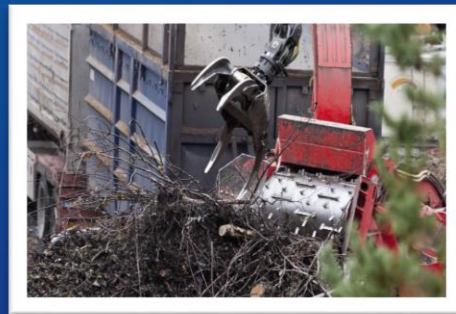
SENSOR NETWORKS



SMART VEHICLES
AND TRANSPORT



CONTROL OF SERVICES AND
INFRASTRUCTURE



REMOTE DEVICES



... AND MUCH MORE

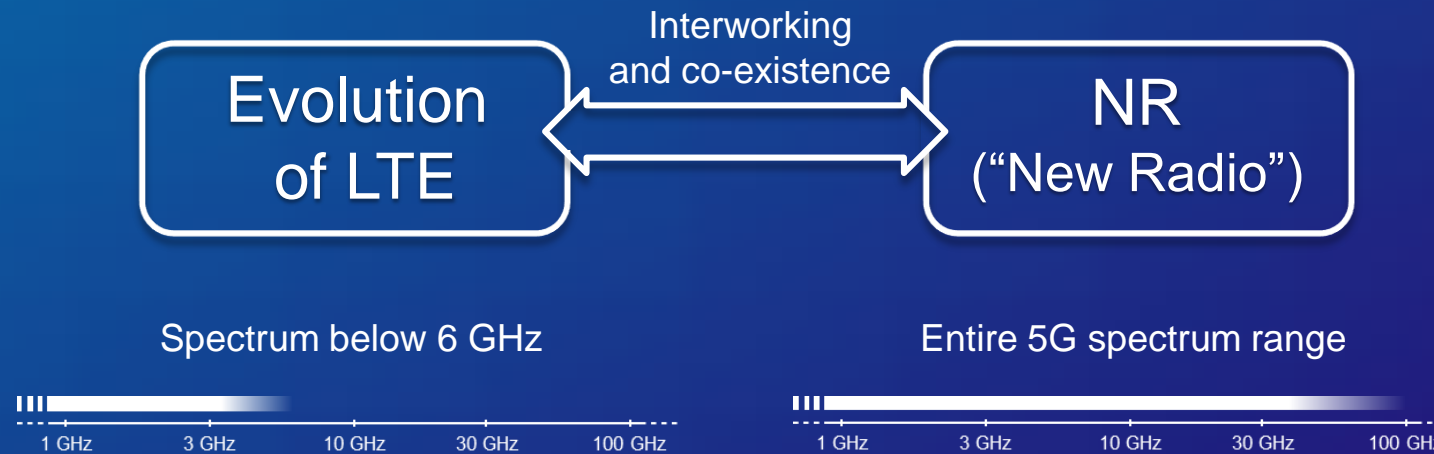
A wide range of requirements/capabilities

- Much higher end-user data rates
- Much higher traffic volumes
- Massive number of devices
- Very low device cost and device energy consumption
- Very low latency
- Ultra-high reliability and availability
- ...

5G Radio Access



Evolution of existing technology + New radio-access technology



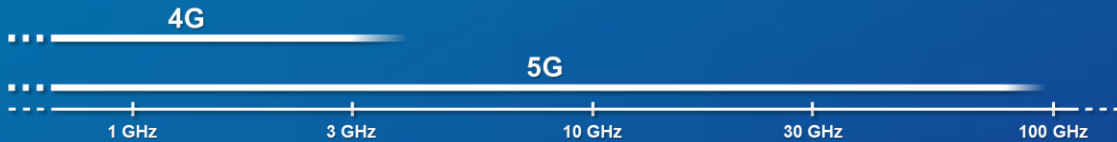
NR – Standardization timeplan



NR – Key features



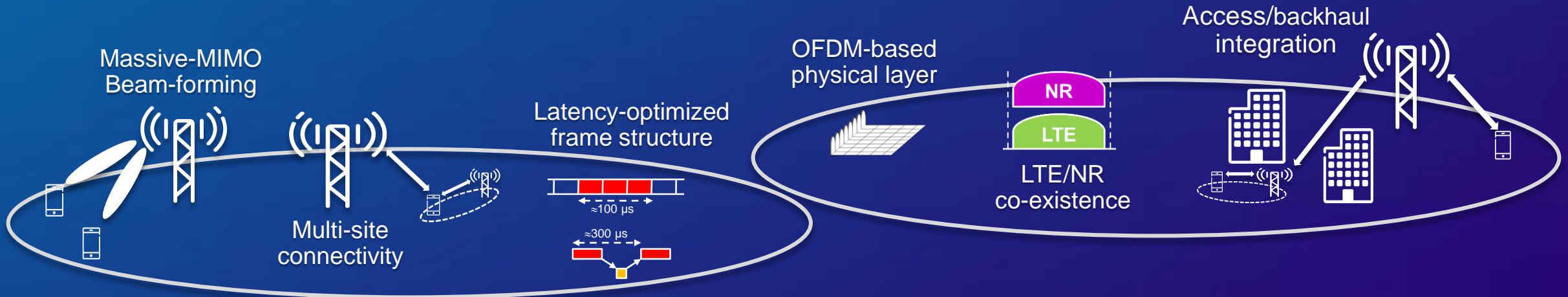
Extension to higher frequencies



“Ultra-lean” design



- No “always-on” reference signals
- Minimum amount of “always-broadcast” system information
- ...





5G FOR INDUSTRIES



Drive 5G Requirements, Insights and Readiness