

TODAY'S OPPORTUNITIES IN LTE/5G RAN DEPLOYMENTS

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NEW APPLICATIONS STRESS EXISTING WIRELESS SYSTEMS



LOW-POWER CONNECTED DEVICE GROWTH VIA IOT

500B connected devices by 2030₁



ENHANCED MOBILE BROADBAND

400M enhanced mobile broadband subscriptions by 2024₂



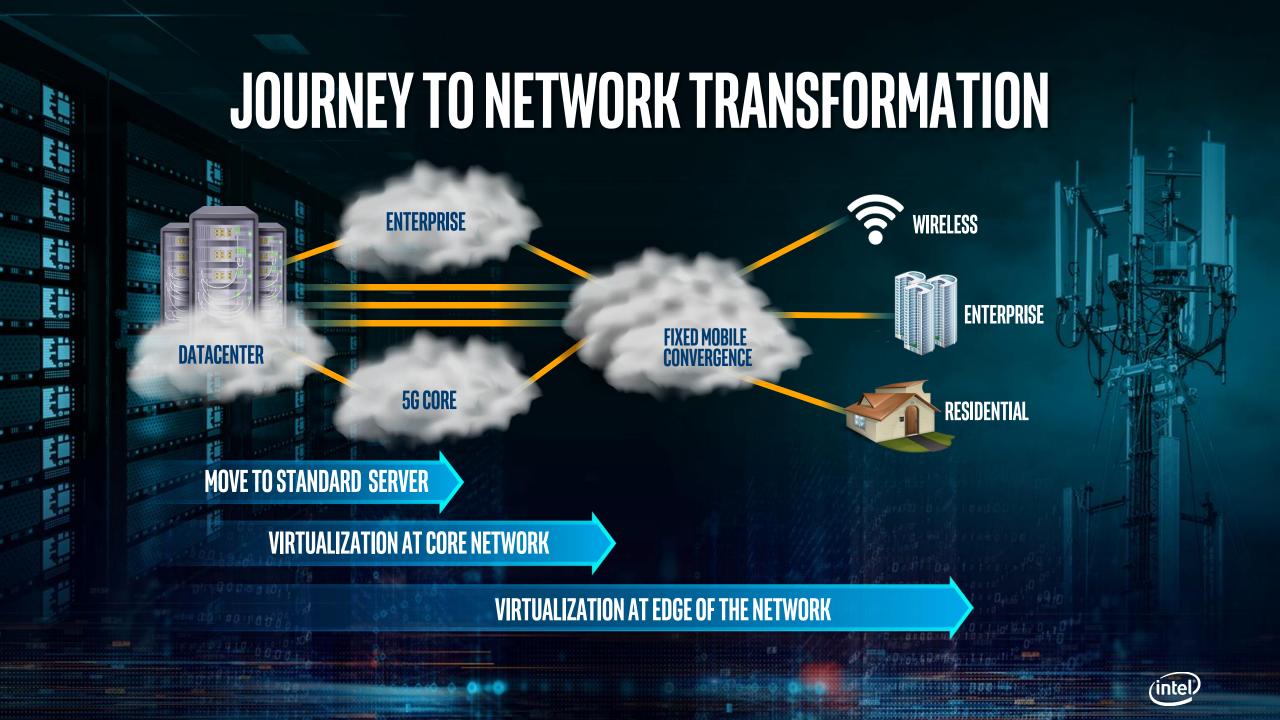
ULTRA-LOW LATENCY AND RELIABILITY

33.6M fully autonomous cars by 2040₃

1.https://www.cisco.com/c/dam/en/us/products/collateral/se/internet-of-things/at-a-glance-c45-731471.pdf 2. 2019 Ericsson Mobility Report

3. IHS Markit





NEXT GEN RAN SOLUTIONS







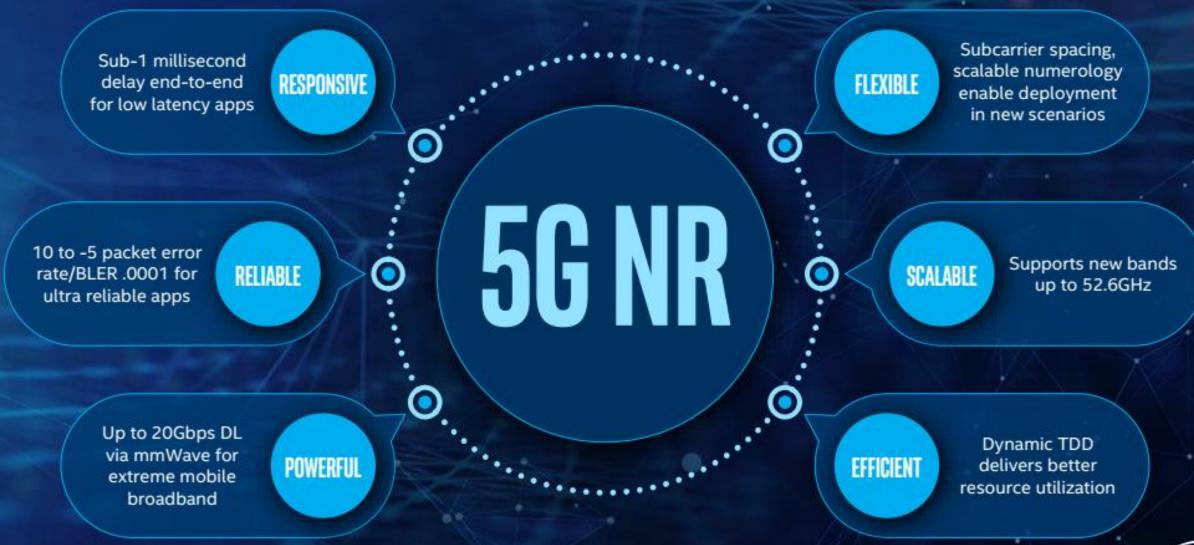


INTEL BRINGS TOGETHER THE PRODUCTS, ECOSYSTEM & INFLUENCE TO ENABLE

NEXT GENERATION RAN ARCHITECTURES



ENTER 5G NR - A TRULY UNIFIED AIR INTERFACE





NETWORK TRANSFORMATION FOUNDATIONAL TO EDGE & 5G



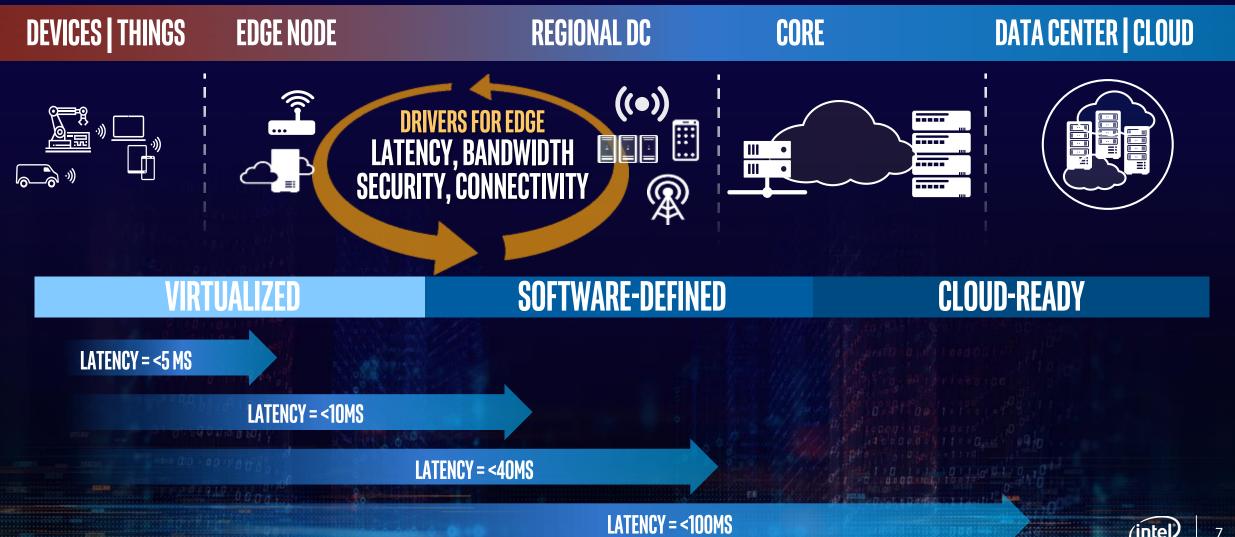
DEVICES / THINGS

EDGE COMPUTE NODE NETWORK HUB OR REGIONAL DATA CENTER

CORE Network CLOUD Data Center

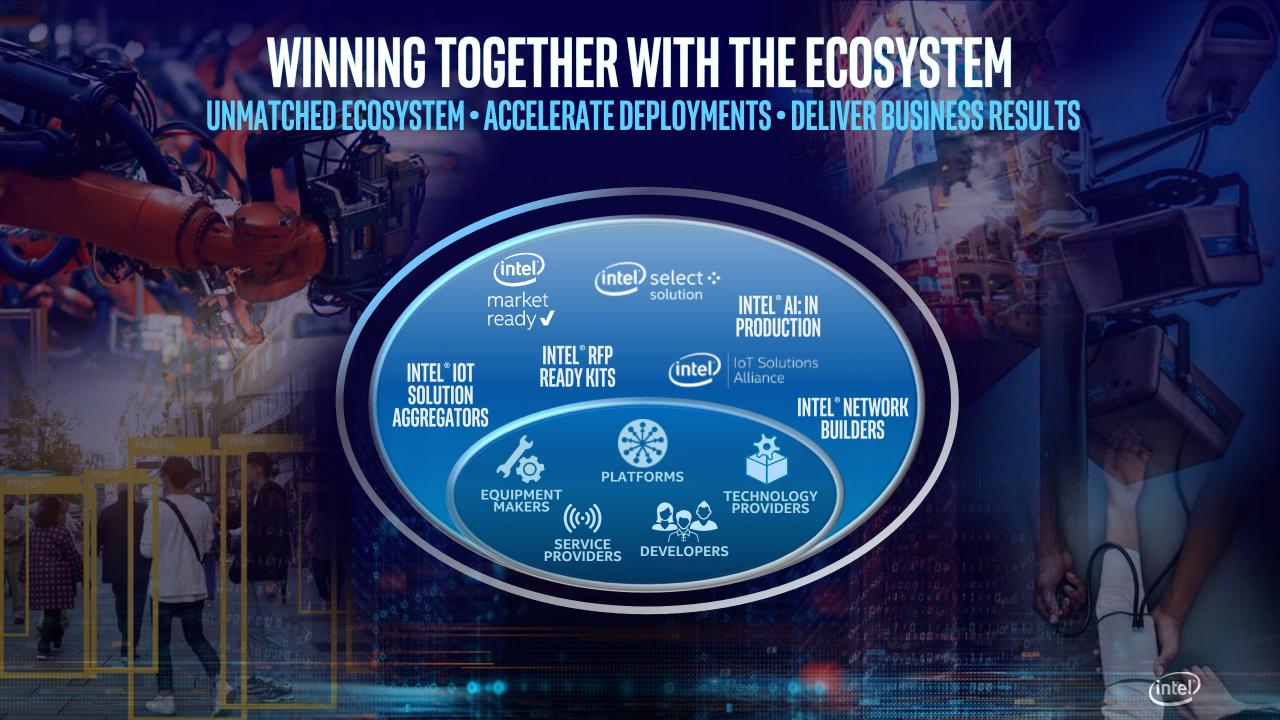
INTELLIGENT EDGE: MOVE, STORE & PROCESS CLOSER TO THE USER

VIRTUOUS CYCLE OF IOT & NETWORK EDGE



INTEL'S END TO END TECHNOLOGY FOR 5G & EDGE

ACCESS | EDGE DATA CENTER | CLOUD **DEVICES | THINGS** CORE ____ ____ **COMING SOON SNOW RIDGE** intel (intel) (intel (intel) Intel® Xeon Platinum intel (intel) XEON PLATINUM Inside (intel Processor PROCESSOR **XEON** ATOM inside (intel INTEL® ETHERNET
CONTROLLER **OpenVINO ACCELERATORS MEMORY** CONNECTIVITY (intel) **OPENNESS**



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