How Cellular IoT Impacts the 5G City

Commercial – Growth

Massive IoT
- Low cost devices, low energy
- Small data volumes
- Massive numbers
- NB-IoT/Cat-M1 (LTE and NR)

Broadband IoT
- High throughput
- Low latency
- Large data volume
- LTE + NR

Critical IoT
- Ultra reliability
- Ultra low latency
- Very high availability
- NR

Industrial Automation IoT
- Industrial protocols
- Time sensitive networks
- Precise indoor positioning
- NR

Early pilots & standardization

One network – multiple use cases and industries

- Smart Metering
- Fleet Management
- Drones/UAV
- VR/AR
- Traffic Safety & Control
- Collaborative robotics
- Advanced Automation & Control

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