How Cellular IoT Impacts the 5G City

Commercial – Growth

Early pilots & standardization

Massive IoT	Broadband IoT	Critical IoT	Industrial Automation IoT

One network – multiple use cases and industries

Smart Metering · 1370

Asset management

Fleet Management

Drones/UAV

VR/AR

Automotive C-ITS

Traffic Safety & Control

Smart Grid Automation

Collaborative robotics

Advanced Automation & Control

Low cost devices, low energy Small data volumes Massive numbers	High throughput Low latency Large data volume	Ultra reliability Ultra low latency Very high availability	Industrial protocols Time sensitive networks Precise indoor positioning
NB-IoT/Cat-M1 (LTE and NR)	LTE + NR	NR	NR