

Bringing the World into 5G Era



From the Internet of Everything to the Intelligent Internet of Everything



Smart manufacturing
Smart mining
Smart campus
...

**Uplink Centric
Broadband
Communication**

UCBC

- HD video uploading
- Machine vision

eMBB

- Mobile video
- FWA

AI

**Spectrum
(< 100 GHz)**

RTBC

- XR-pro
- Holographic

**Real-Time Broadband
Communication**



**VR/AR
AR cloud
5G large screen
...**

mMTC

- REDCAP
- NB-IoT

URLLC

- Reliability, low-latency
- IIoT Advanced

HCS

Harmonized Communication and Sensing

- Positioning
- V2X

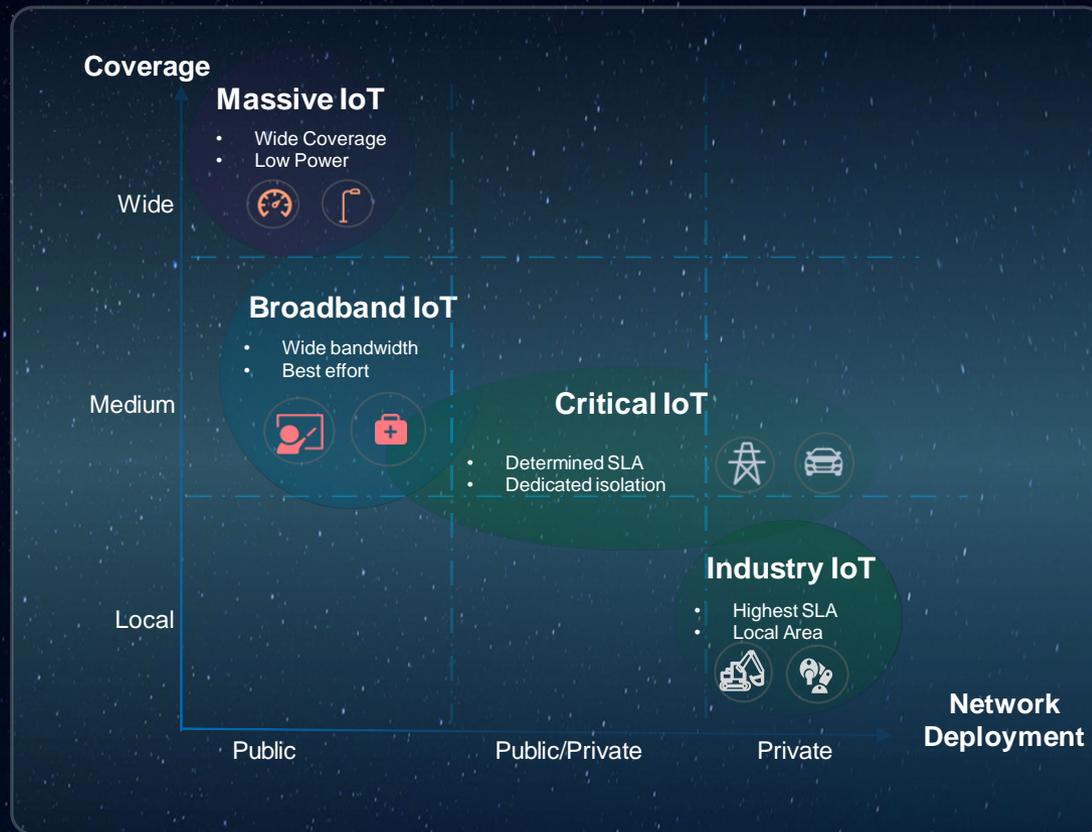


**5G connected UAVs
L4/L5 V2X
...**

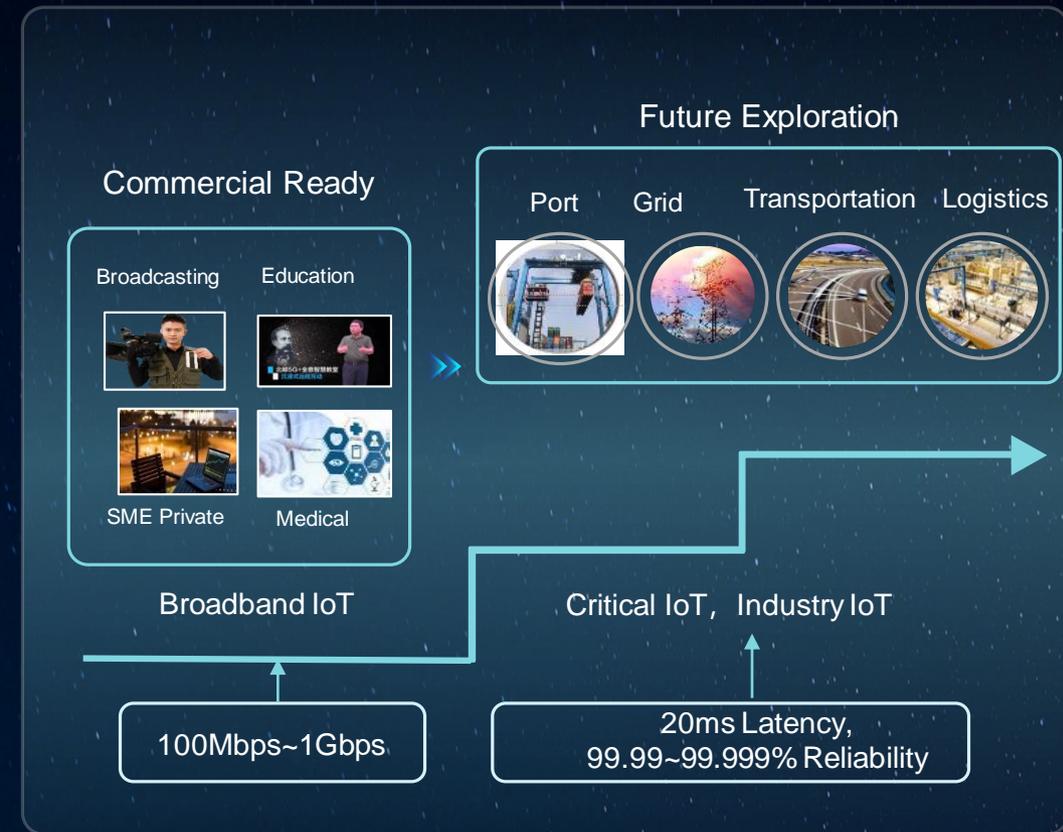
Uplink Centric Broadband Communication

5GtoB Application is Approaching Commercial Step by Step

Diversified application can be classified into 4 categories of IoT connections

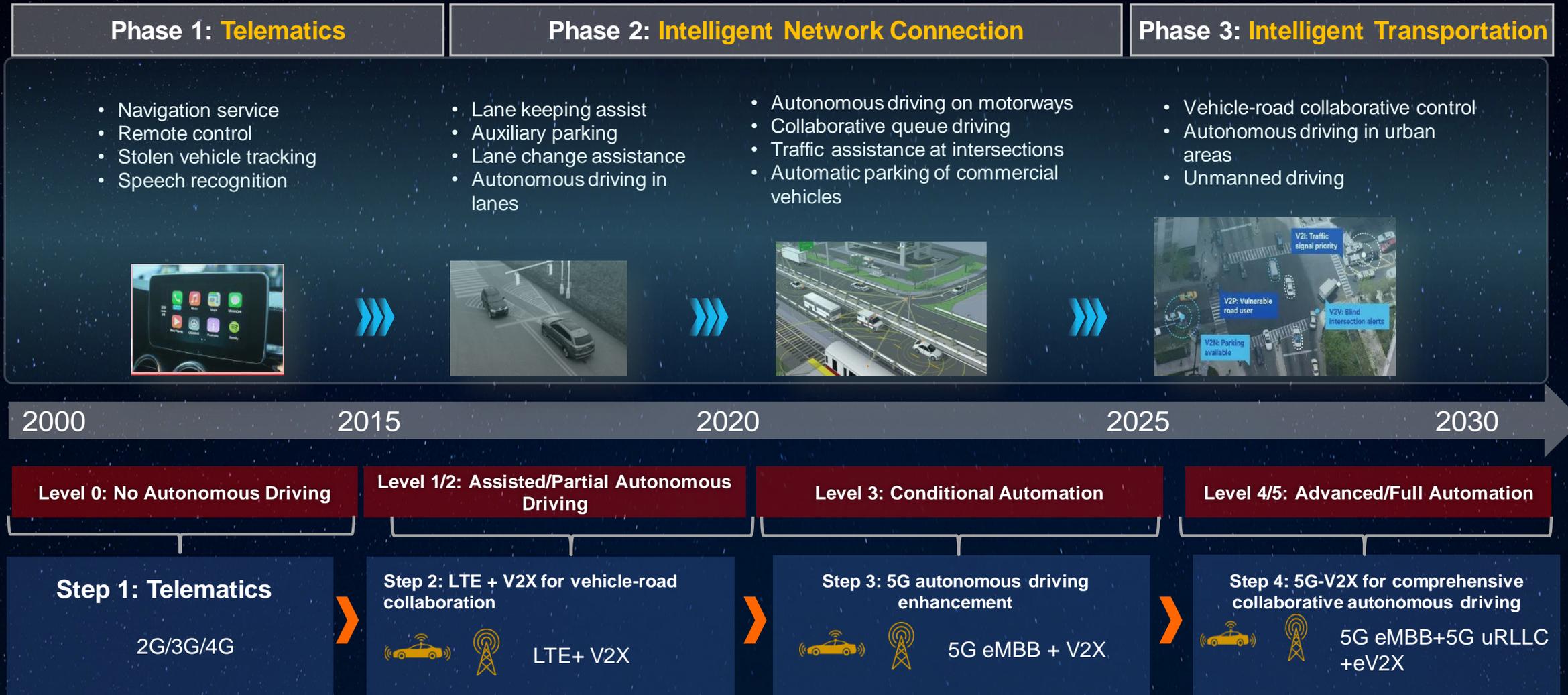


toB application from Exploration to commercial deployment

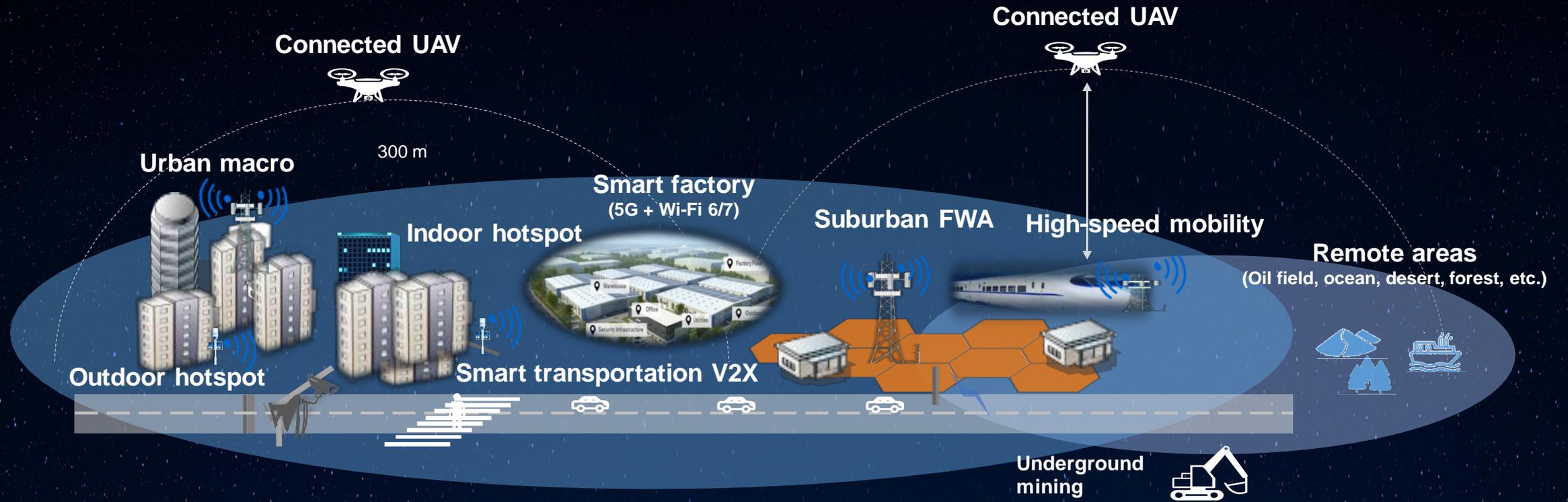


Harmonized Communication and Sensing

High Requirements on SLAs in L4/L5 V2X Scenarios After 2025



5G Enables All Scenarios to Cater for All Industries



3 Trends:

From km to m: from macro to short-range



V2X-RSU



Smart manufacturing

From ground to low altitude



Sensors



5G

UAV



5G



Vehicle

From M2M to X2X

N Capabilities:



Low latency



Sensing



High reliability



High uplink capability



High-precision positioning

Vision and Mission

Bring digital to every person, home and organization
for a fully connected, intelligent world



HUAWEI