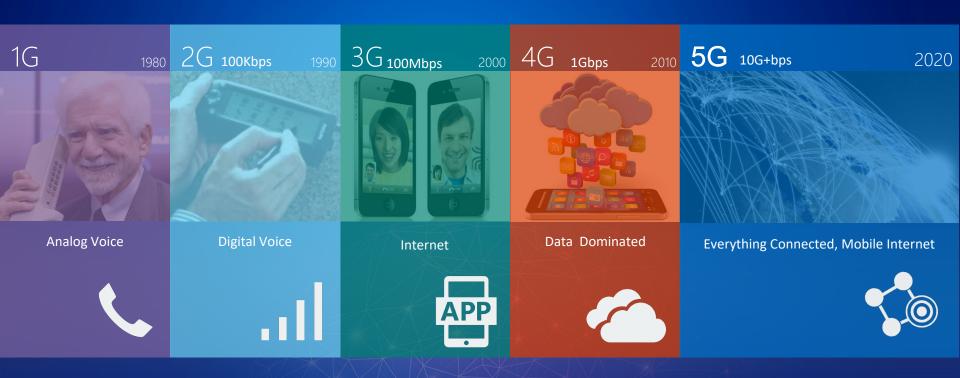




# **Mobile Telecommunication Evolves Every 10 Year**



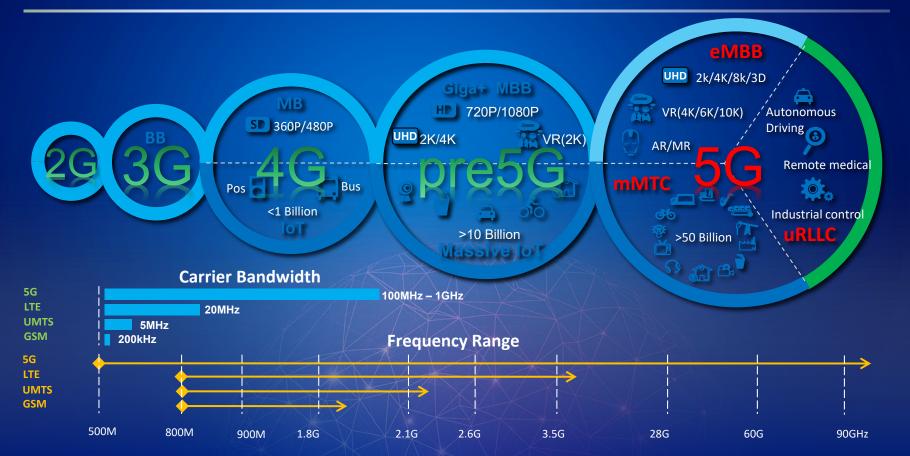




#### **5G is a REVOLUTION**

ZTE

in the TELCO Industry





#### **5G Provides the Ultimate Video Experience**



#### AR/VR and Ultra HD video demand

Commercial time	2016	2018	2020
Resolution	2K	4K	16K
Bandwidth Mbps	25	66	1600+
Latency ms	20ms	16ms	1ms
Computing location	local	local	cloud
Network	4G	Pre5G	5G

- The bandwidth of 4G's tens of megabits/s is far from meeting the bandwidth demand of ultra high-definition video.
- The bandwidth of 5G fits perfectly into the applications of AR/VR, Ultra-HD video, Remote Control, Autonomous Driving.





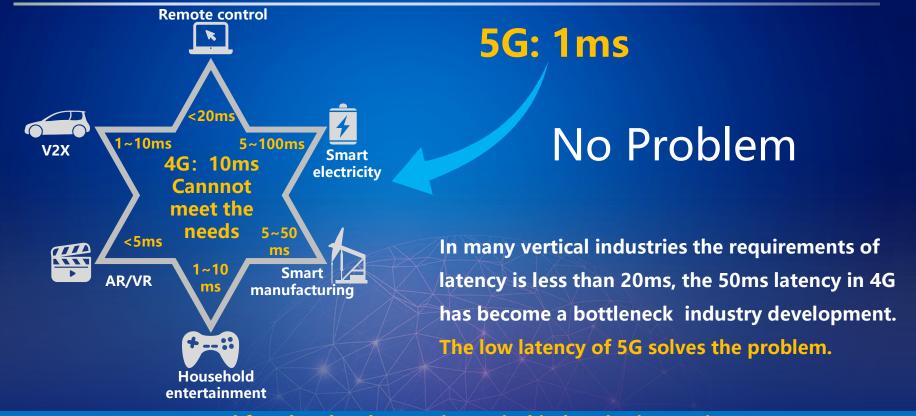






## 5G Meets the Needs of Industry 4.0 & Autonomous Driving





Demand for ultra-low latency in vertical industries is growing Only 5G can promote the technological revolution in these industries.



#### **5G Provides for the Massive Internet of Things**

#### 4G: Man to Man Connection



4G connection density: 100k/sqr. km

Massive connectivity

#### **5G:** Ubiquitous Connection



5G connection density: 1 million/sqr. km



#### 5G Offers New Service Opportunities and Revenue Streams **ZTE**

5G will enable all kinds of innovative services, accelerate the digital transformation of vertical industries, explore new business mode and finally realize everything connected digital society.



**Smart City** 



**Smart Grid** 





Remote Control







5G Drone



AR/VR

4K/8K UHD Video





**Real-time Gaming** 



**AR Navigation** 





**Smart Agriculture** 



The combination of the characteristics of 5G allows for the introduction of a wide variety of revenue generating new services.





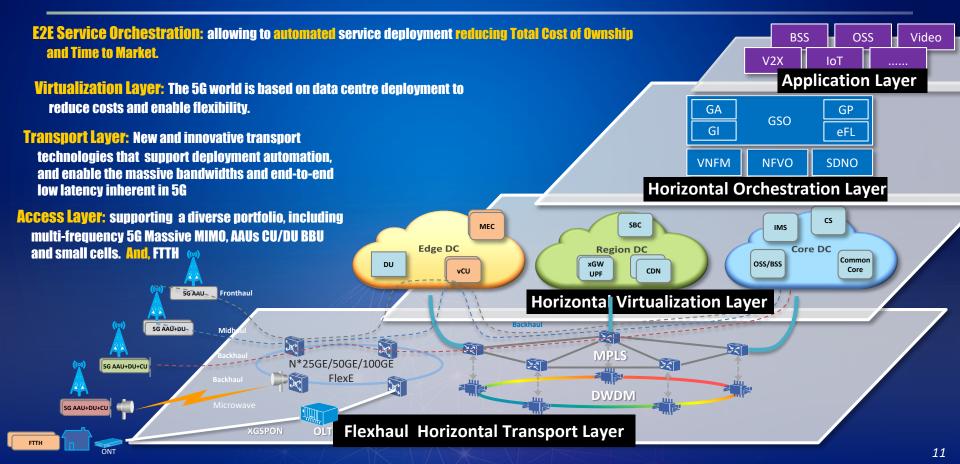
# **ZTE** has developed since the 2G Era To a Leader in the 5G Era **ZTE**





#### ZTE is a provider of the full End-to-end Architecture for 5G







### **ZTE Promotes the Development & Innovation in Standards**





**50**+

Membership in international organizations and forums



40+

Leader seats in standards organizations



67

**3GPP reporter seats** 



**800** 

Experts for 3GPP LTE/LTE-V/
5G NR domain



815

Fundamental patents of LTE, 13% global share & 17% end to end share



40,000

International standard proposals/contributions



17.000+

**3GPP standard proposals** 



**4,700**+

**3GPP 5G NR/NexGenCore standard** proposals

**ZTE Leading in International Standards Development** 



#### **ZTE Won 6 Awards at the 2018 SDN NFV World Congress**





**ZTE Common Core** 

**Best New Cloud-Native VNF** 

**ZTE 5G Distributed Cloud Solution** 

**Best New Cloud Infrastructure** 

**ZTE CloudStudio** 

**Best New Automation & Management** 

**ZTE TECS CloveStorage** 

**Best New Open Source Product** 

**ZTE'S VBRAS** 

**Best Network Edge** 

**ZTE CO Re-Architecting Solution** 

**Best New Edge & Access Solution** 



# First Mover Advantage, Accelerating the Commercial Process **ZTE**



20+5G Cites @ China

20+Global Operator Partners



### **Europe's Earliest 5G Pre-Commercial Network**









Lab: 5G Innovation and Research Center in L'Aquila Field: 1 in L'Aquila, 1 in Prato

Download Peak Data Throughput



