

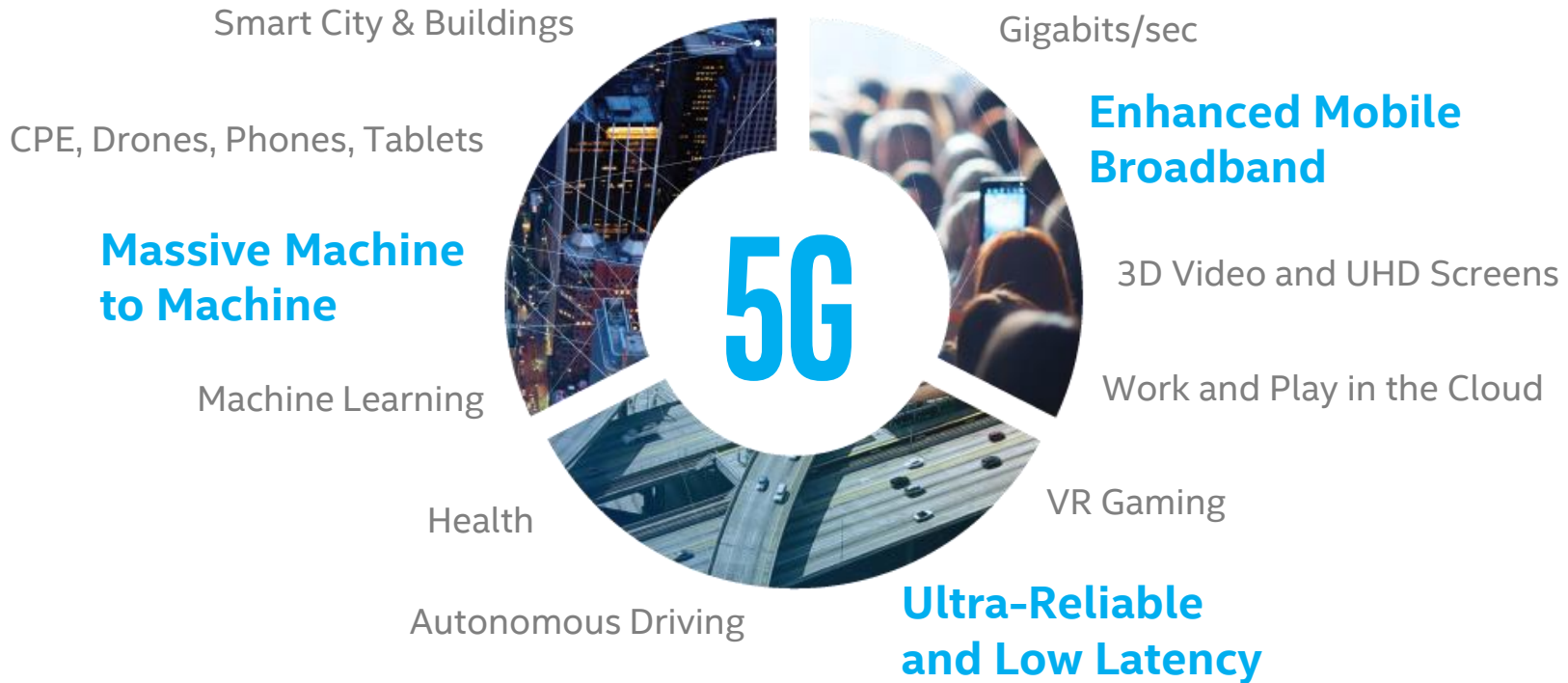
5G FOR VERTICALS IN THE NEW ECONOMY

Dr. Rao Yallapragada

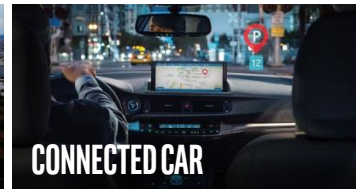
Director, Communications and Devices Group

5G-PPP The 2nd Global 5G Event, 9-10 November 2016, Rome, Italy

5G: A Transformative Force



Future Applications: IoT



Connected Devices Equipment Forecast	Annual Shipments	~4-6Bn	~8-9B	~17-20B	~40-50B
		2016F	2020F	2025F	2030F
	Installed Base	10-20B	25-50B	40-80B	100-200B

* Extrapolated based on average historical growth rates
 Source: Analysts reports; Gartner; Cisco; Ericsson; IDC; Harbor Research; IHS

Future networks and devices

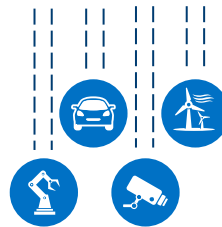
ONE EFFICIENT NETWORK



ONE BIG NETWORK

Mobile Broadband (MBB)

MANY INDUSTRIES



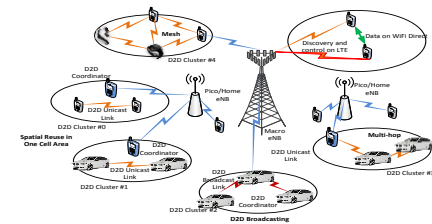
SLICING PER INDUSTRY

eMBB + Vertical Industries

ALL MARKET SEGMENTS



Moving
underlay
networks



SLICING PER SEGMENT

eMBB + Verticals + Consumers

NFV/SDN/MEC is essential to 5G Networks

Moving the Network at Cloud Pace



COMPUTE, NETWORK & STORAGE POOLED RESOURCES

Standardized Commercial
Grade Solutions

DYNAMIC FLEXIBLE NETWORKS

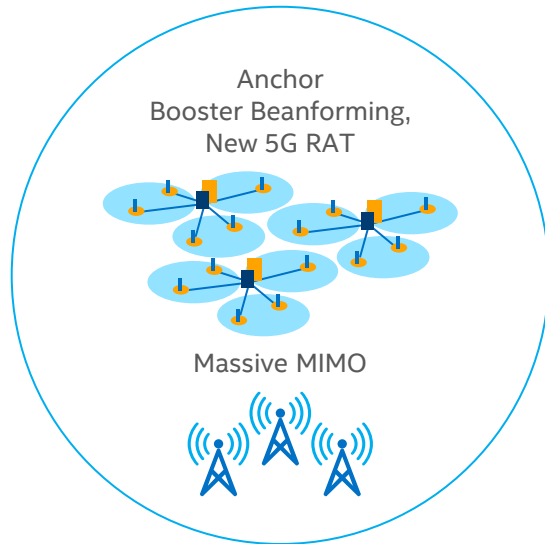
Next-Generation
Network Architectures

SERVICES DELIVERY AND AGILITY

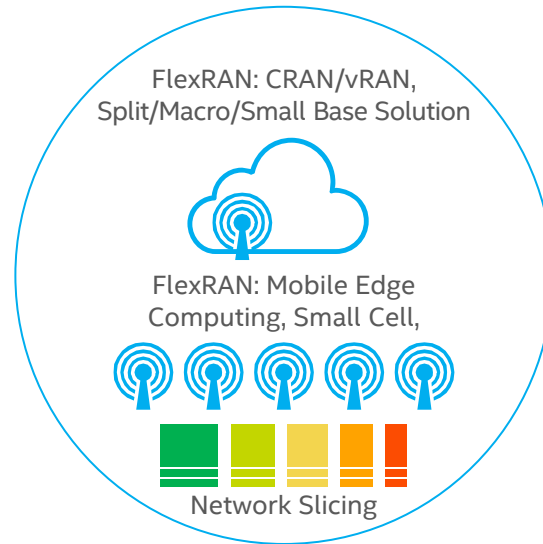
Business Process
Transformation

Intel Powering the Virtual Network Infrastructure for 5G

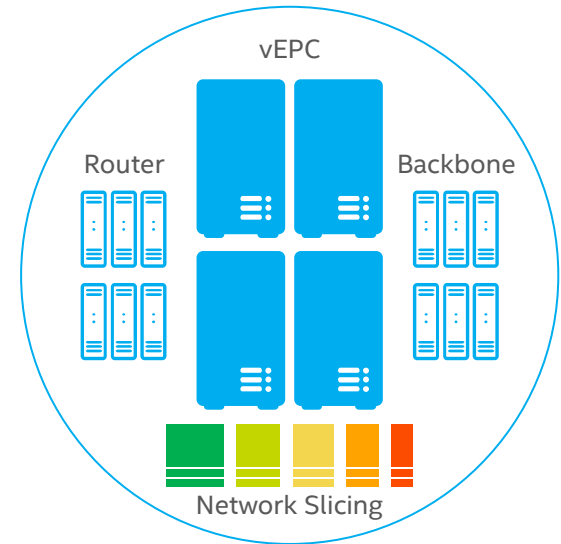
RADIO ACCESS TECHNOLOGY



ACCESS NETWORK



EDGE & CORE NETWORK



NFV/SDN Foundation

