

# New Trends of Industrial Interest Towards 5G



**Chris Pearson**  
*President*  
**5G Americas**



**The 3<sup>rd</sup> Global 5G Event on May 24-25, 2017, Tokyo, Japan**

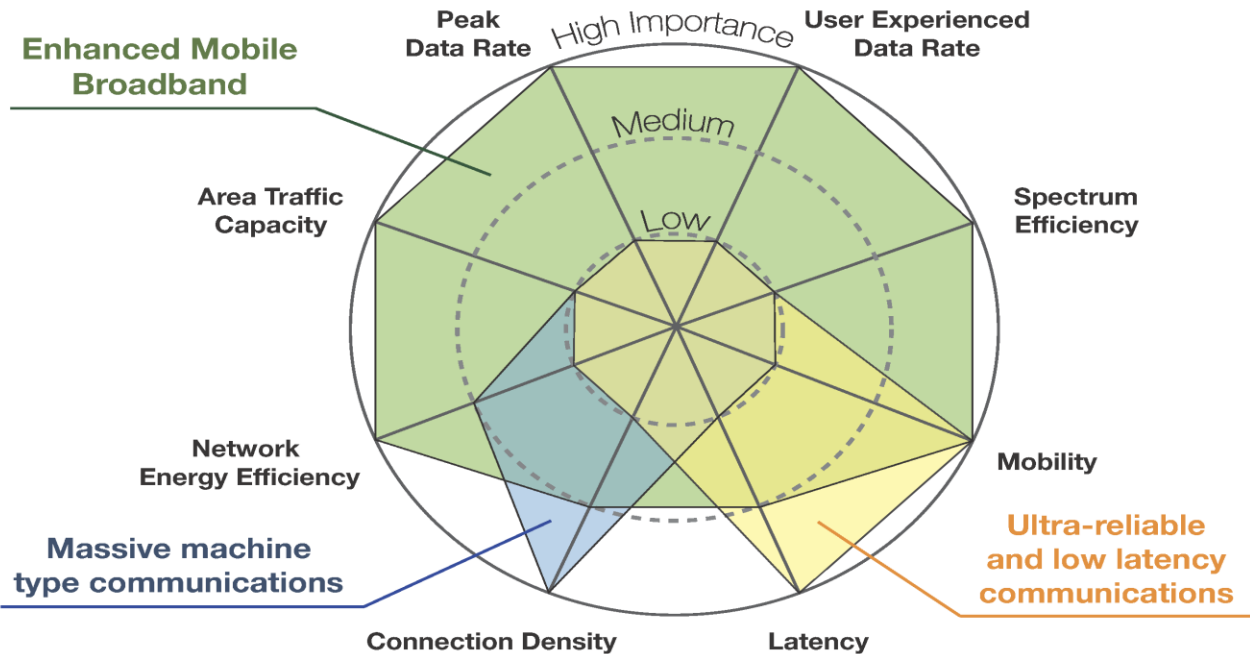
# 5G Americas Mission

5G Americas will advocate for and foster the advancement and full capabilities of LTE wireless technologies and their evolution to 5G, throughout the ecosystem's networks, services, applications and connected devices in the Americas.

---



# 5G Use Cases



Source ITU

- Enhanced Mobile Broadband (eMBB)
- Ultra High Reliability Low Latency Communications (UHRLLC)
  - *aka Critical Communications*
- Massive Machine Type Communications

New capabilities of 5G will allow for new business modeling for vertical industries by offering mobility, flexibility, security, reliability and interoperability



# 5G Global Economic Contribution

IHS Economics/IHS Technology January 2017

2035

5G will enable \$12.3 Trillion in Global Economic Output

2036

5G Global Value Chain will Generate \$3.5 Trillion Output

2036

5G Global Value Chain will support 22 million Jobs



5G GDP Contribution 2020-2035 = economy size of India



# Internet of Things (IoT) Spending

Source: IDC

Global Spending on IoT Devices  
and Services in 2020

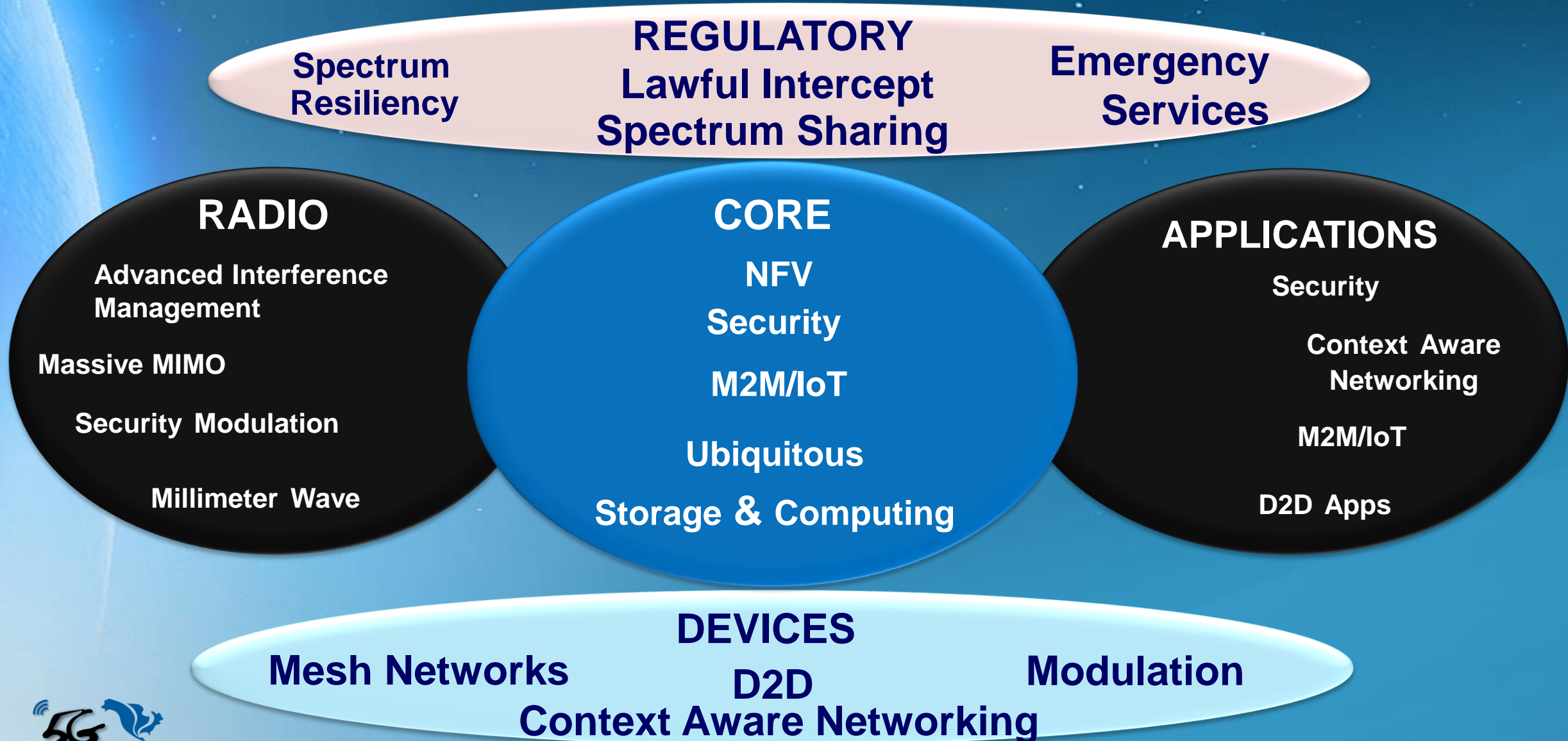
\$1.7  
Trillion

Driven by:

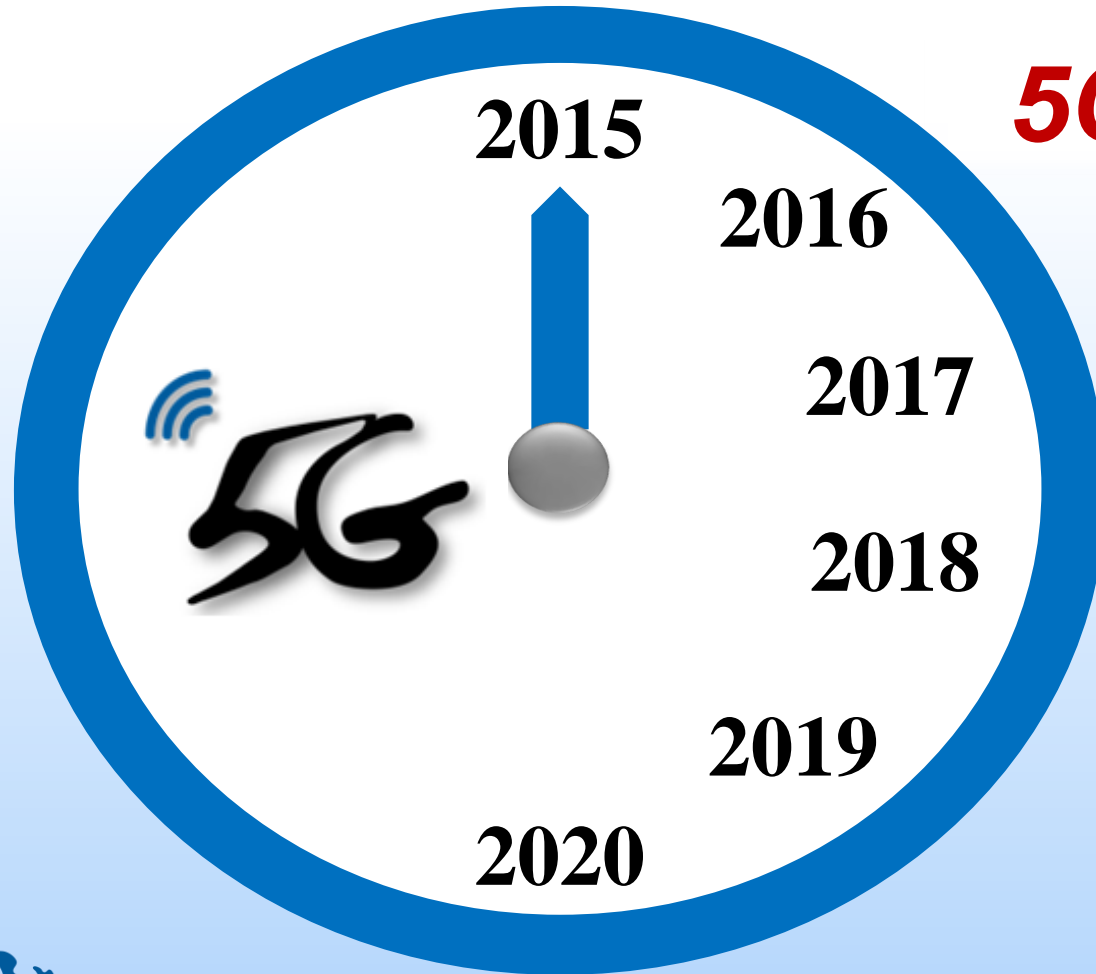
- Devices (32% of total)
- Connectivity Solutions
- IT services



# The End-to-End Ecosystem



Toward ..... 2020



## ***5G and the 5Cs***

**C**onnect

**C**ommunicate

**C**ollaborate

**C**ooperate

**C**ontribute



# New Trends of Industrial Interest Towards 5G

## Thank you!



[www.5gamericas.org](http://www.5gamericas.org)