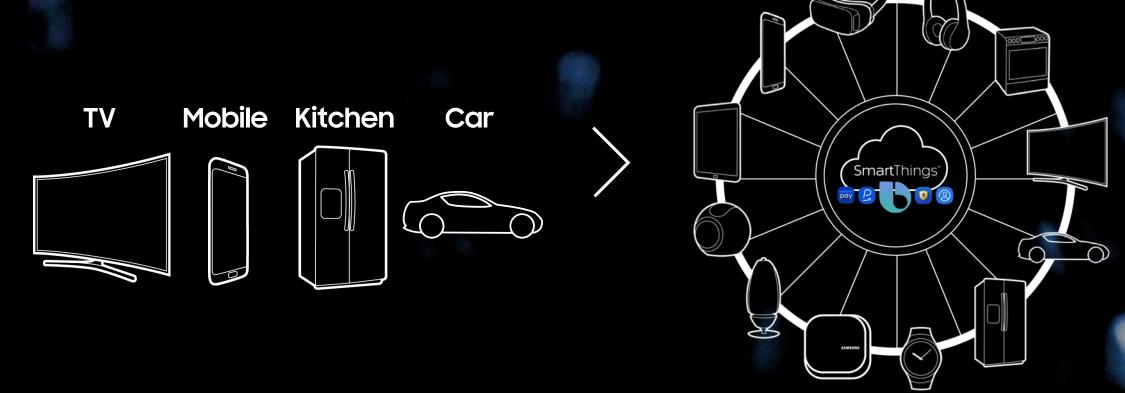


# SAMSUNG

#### Tim Baxter

President and CEO
Samsung Electronics North America

## Samsung's Vision



Discrete Experiences

Seamless Experiences
Single Cloud, Single App and Bixby

### A Multi-Year Journey

2017

**Building** a

Stack

**Platforms** 

**Partners** 

Developers

Pre-2016

Investments

VIV

• Joyent

SmartThings



2018

Consumer
Centric &
Vertical Business
Transformation

Connected experiences &

ecosystems

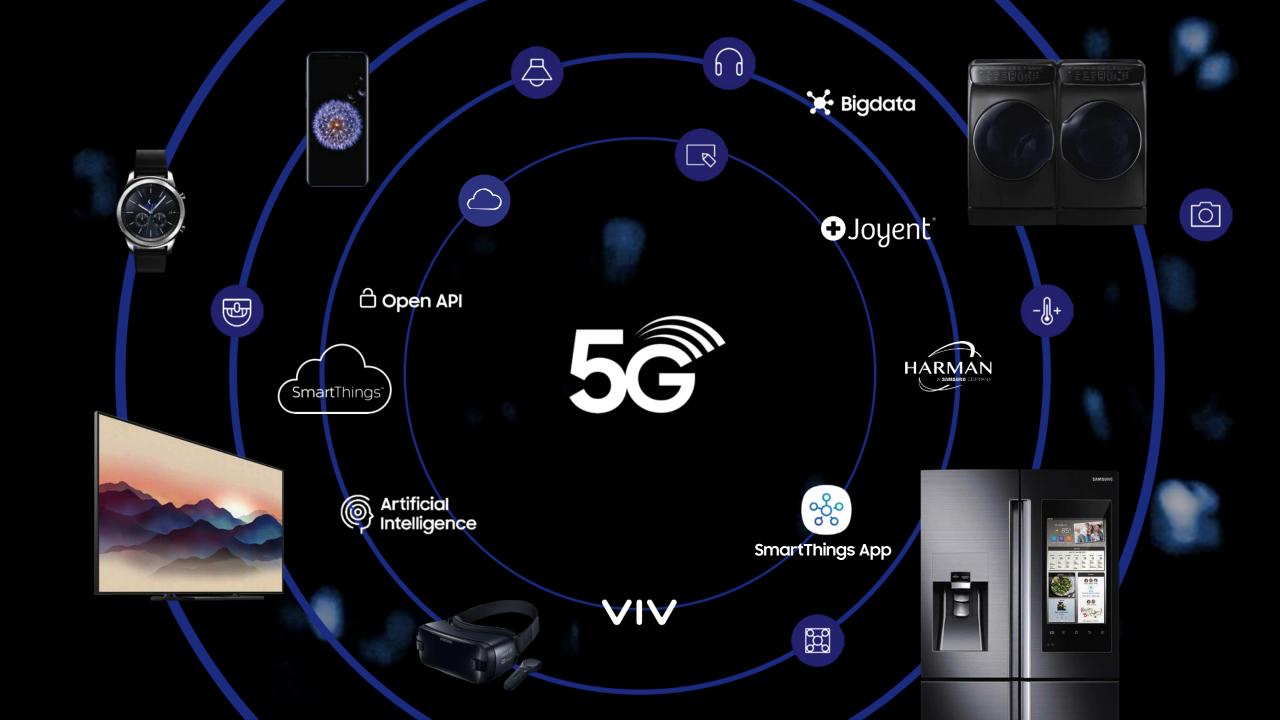
2018-2020

Seamless Multi-Device Experience

"Experience" moments

Devices-as-a-service

**Predictive care** 



## Benefits of 5G



## Enhanced Mobile Broadband

Peak speed 20 Gbps Edge area 100 Mbps



Ultra Reliable & Low Latency

> 1 ms Latency 10<sup>-9</sup> Error-rate, Ultra reliability

5G



## Massive Machine-Type Communications

1 million device connections/km<sup>2</sup> High energy efficiency

#### **5G Context**

1990s

**2G** 

10 Kbps



Texting

2000s
3G/4G
10 Mbps
Texting Internet Access



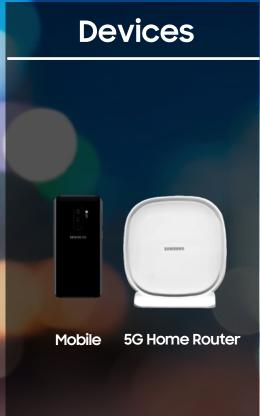
### Unlocking 5G Potential

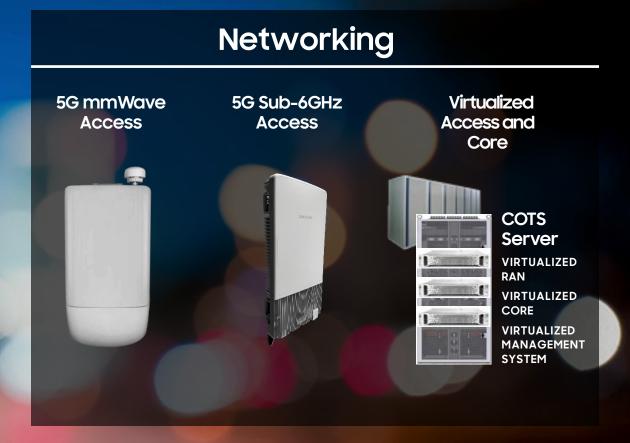




## Our 5G Leadership Position

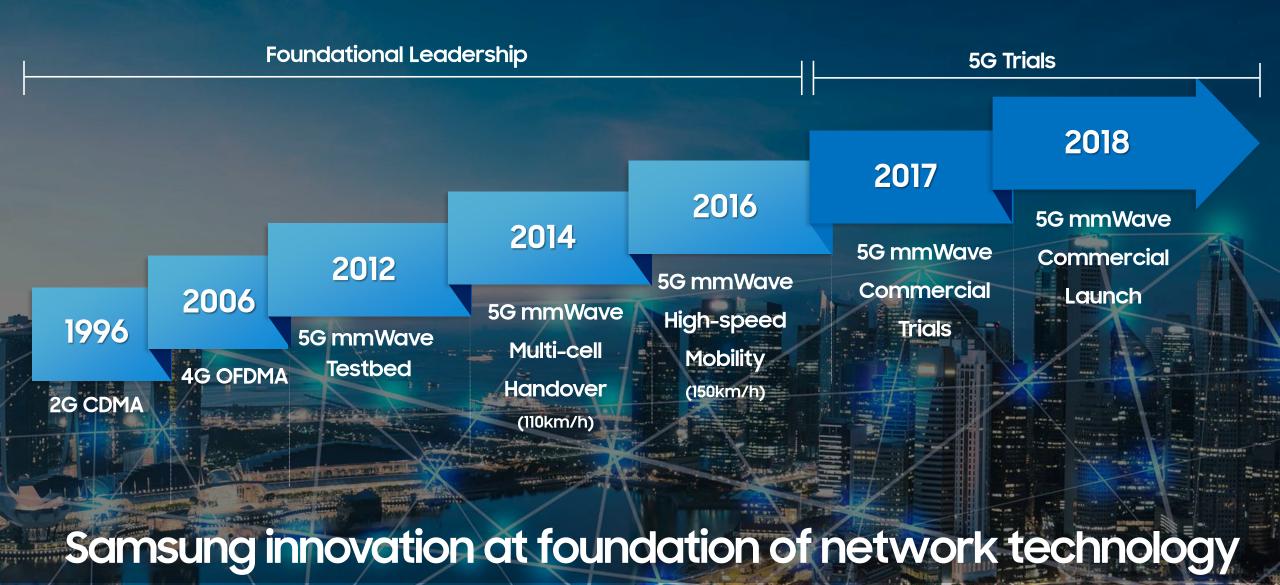






"Secure 5G and Trusted Supply Chain"

## Leading the Way in Networks



#### Leading the Charge Globally



Secure end-toend transmission



Fastest handover in the world



High-speed trial transmitting 8K content



Live content transmission throughout a stadium

#### Evolving 5G Tech for Consumer Use Cases

5G Needs Identification

5G Issues Map

Consumer Lifestyle Trends

Market & Expert
Research

Technological Developments

5G Organizing Framework

Level of Investment

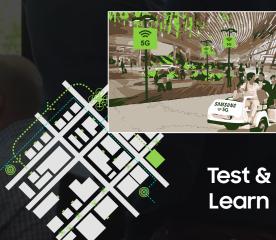
Landscape of 5G Opportunities

5G Geographic Deployment

Future 5G Use Case
Development

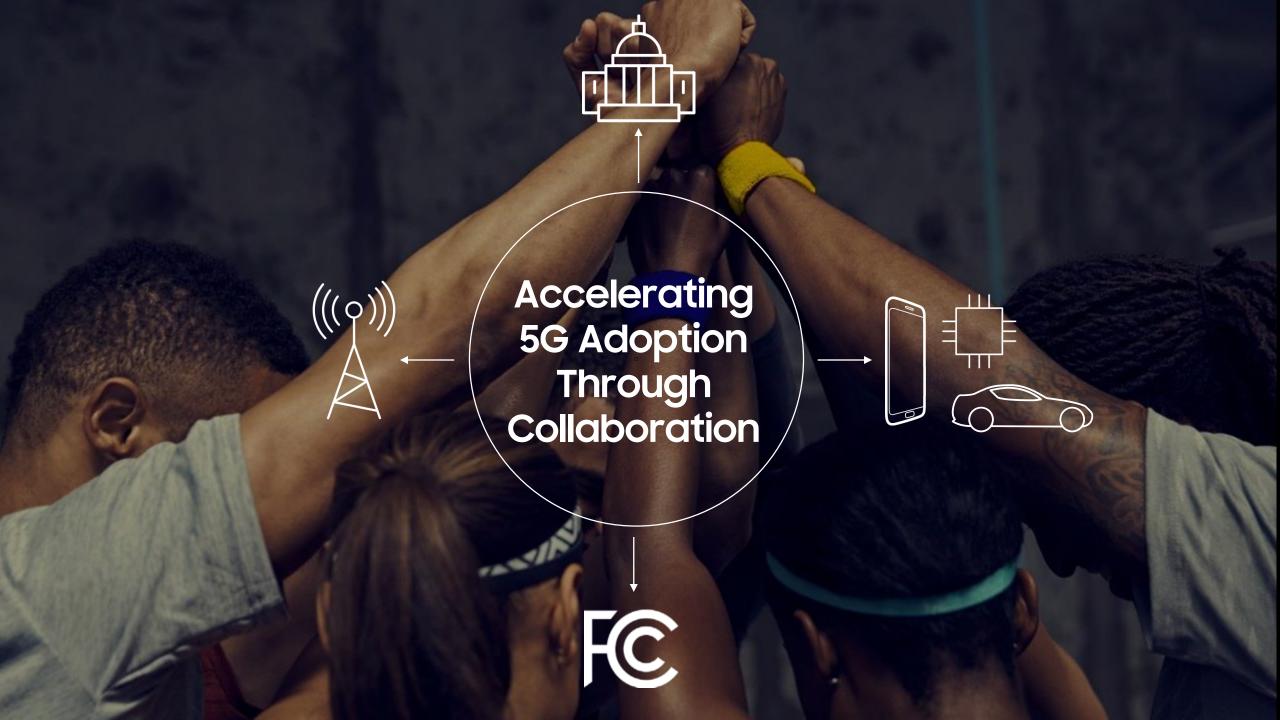


Collaboration with Key
Partners









# Leading America into the 5G Future

40 Years

IN THE U.S.

20,000

EMPLOYEES IN THE U.S.

\$30 Billion

INVESTED IN THE U.S.



