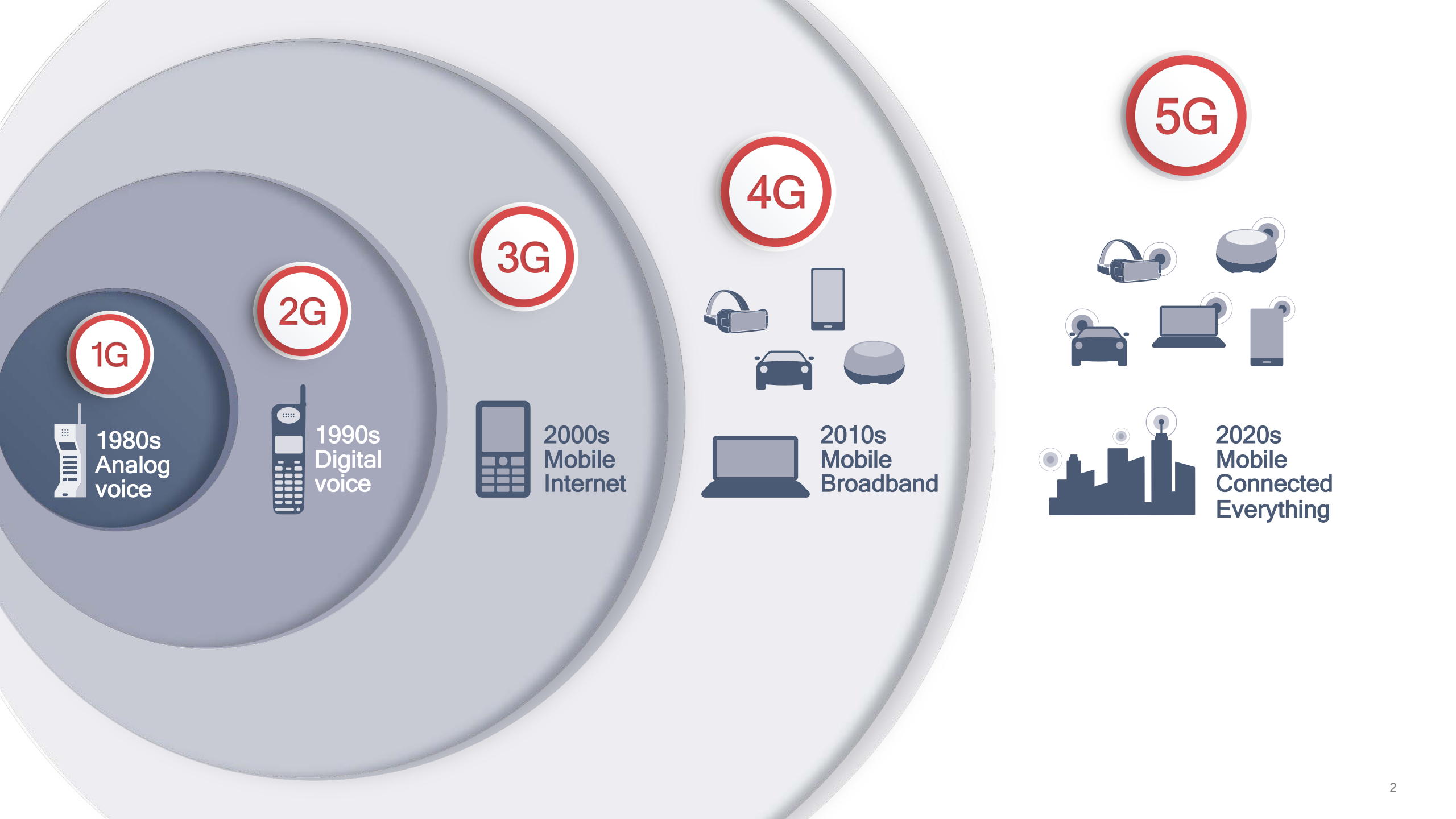


Qualcomm  
snapdragon



# Keith Kressin

Senior Vice President, Product Management  
Qualcomm Technologies, Inc.



1G

1980s  
Analog  
voice

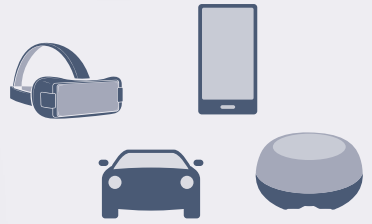
2G

1990s  
Digital  
voice

3G

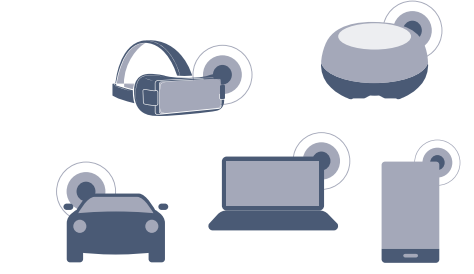
2000s  
Mobile  
Internet

4G



2010s  
Mobile  
Broadband

5G



2020s  
Mobile  
Connected  
Everything



1999+



Wireless

EV-DO

CDMA2000

UMTS/WCDMA

HSPA

HSPA+



Computing

Scorpion 1GHz CPU

Adreno 3D Graphics

WVGA/XGA displays

Camera phones

HLOS

Application Stores



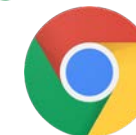
Applications



YOUKU  
· 这世界很酷 ·



Spotify®



Dropbox



2009+



Wireless

LTE-Advanced  
4x4 MIMO  
4G Multimode  
Gigabit LTE



Computing

Multi-core CPUs  
Advanced ISPs  
1080/2K/4K displays  
Vulkan Graphics  
14nm/10nm FF  
Multiple Sensors  
Biometrics



Applications



Square

tinder



oculus



Uber

FORTNITE



2019+



Wireless

>5Gbps

Massive IoT

Low Latency

Mission Critical



Computing

Artificial Intelligence

Cloud Edge Compute

Multi-Camera / ToF

≤ 7nm

Ultrasonic Sensors

Voice Assistants



Applications



A new  
decade  
is here



Qualcomm®  
Snapdragon™ 855  
Mobile Platform  
A New Decade for  
5G, AI, XR



855

Qualcomm  
snapdragon







855

Qualcomm  
snapdragon



Connectivity



Performance



AI



Camera



Entertainment