



CRISTIANO AMON

svp, product management QCT

# platform opportunity... and challenge

hardware platform | software platform  
processing platform | universal connectivity



# integrated hardware and software

chipset hardware and low level software

high level operating systems

technology enablers

service and application differentiation



# integrated hardware and software

## chipset hardware and low level software

Adreno™ VG  
Hardware

Adreno 3D  
Hardware

Multimedia  
Hardware

CPU  
Core(s)

Device  
Hardware

Crypto  
Hardware

Networking  
Hardware

Modem

high level operating systems

technology enablers

service and application differentiation





# integrated hardware and software

drivers and low level software (chipset)

high level operating systems



 **brew mp**

 **BlackBerry**



technology enablers

service and application differentiation



# integrated hardware and software

chipset hardware and low level software

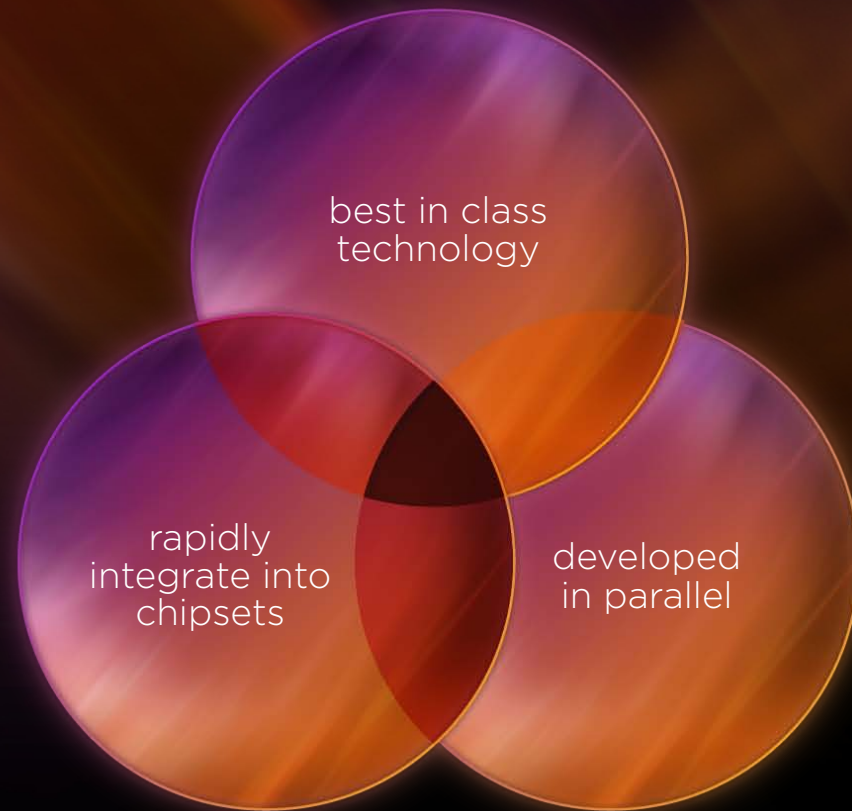
high level operating systems

technology enablers

service and application differentiation



integration  
enables  
leadership



snapdragon  
processors  
are complete  
built smarter to work smarter





# integration enables more with less

higher performance

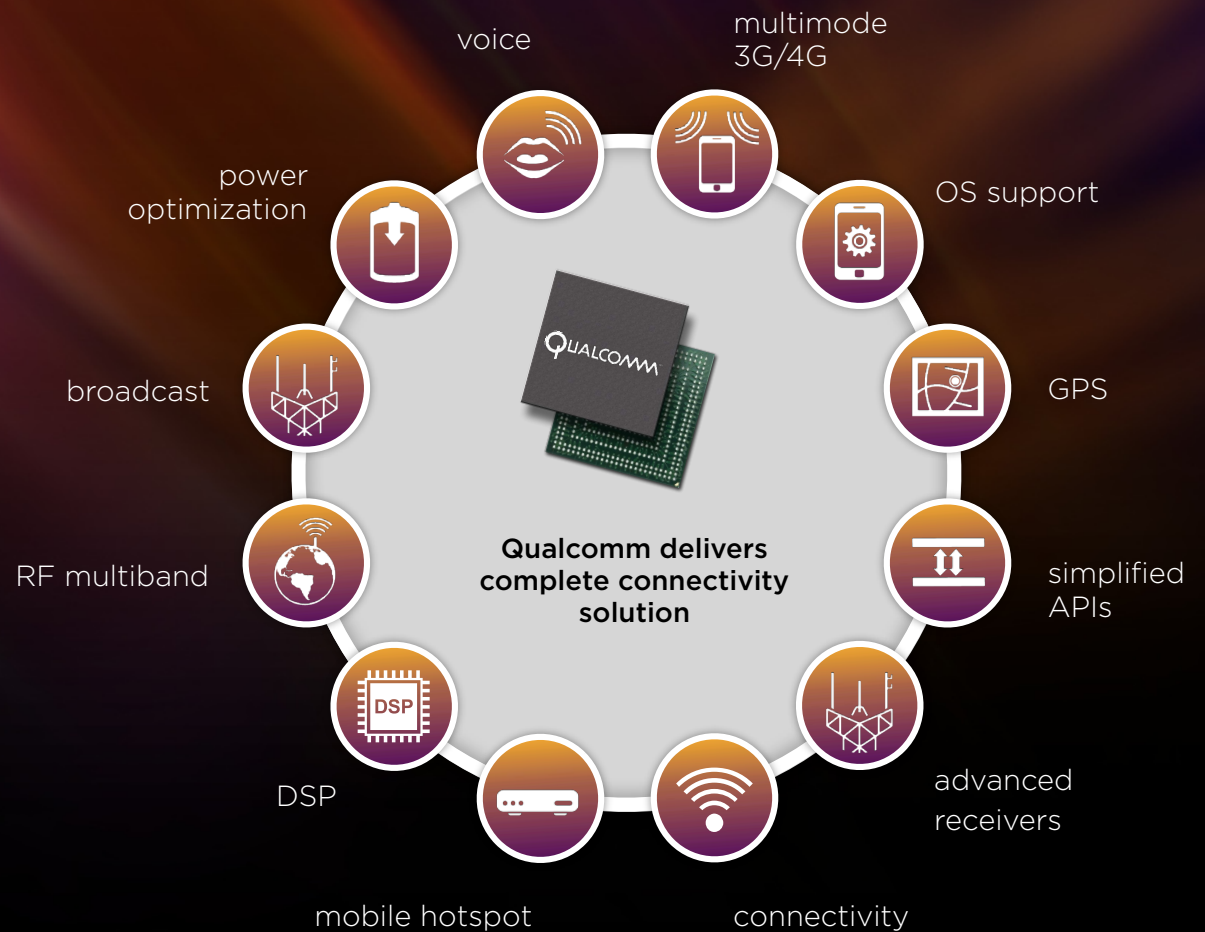
smaller size

better battery life



# integrated modems

a key to meeting  
complex connectivity  
requirements



# Qualcomm leadership

- only complete multimode modem solution with integrated 4G LTE/3G
- world's #1 supplier of 3G modems
- #1 in integrated multimode LTE+3G modems
- 125 commercial Snapdragon devices announced, 250 in design Snapdragon currently powers 8 tablet models and 40+ more in design
  - Android leadership with 200+ designs launched with Qualcomm
  - Snapdragon powers Windows Phones





# broad snapdragon roadmap



for mass market  
smart phones

S1 Class includes:

65nm

- Up to 1GHz CPU
- Up to Adreno 200 GPU
- Up to 3G HSPA



for high  
performance  
smart phones  
& tablets

S2 Class includes:

- 45nm
- Up to 1.4GHz CPU
- Adreno 205 GPU
- 3G HSPA+
- 1024X768 display
- 720p/Dolby 5.1
- Stereoscopic 3D



for multi-tasking  
& advanced  
gaming

S3 Class includes:

- 45nm
- Up to 1.5GHz dual-CPU
- Adreno 220 GPU
- 3G HSPA+
- 1440X900 display
- 1080 HD/Dolby 5.1
- Stereoscopic 3D



next  
generation  
devices

S4 Class includes:

- 28nm
- Up to 2.5GHz next gen CPU single/dual/quad
- Adreno next gen GPU dual/quad
- 3G/LTE multimode



# broad snapdragon roadmap



for mass market  
smart phones

S1 Class includes:

- QSD8650
- QSD8250
- MSM7627
- MSM7227
- MSM7625
- MSM7225



for high  
performance  
smart phones  
& tablets

S2 Class includes:

- MSM8655
- MSM8255
- APQ8055
- MSM7630
- MSM7230



for multi-tasking  
& advanced  
gaming

S3 Class includes:

- MSM8660
- MSM8260
- APQ8060



next  
generation  
devices

S4 Class includes:

- APQ8064
- MSM8960
- MSM8270
- MSM8930

# Windows 8



supporting Windows 8 with  
comprehensive upcoming family  
of S4 Snapdragon processors  
(including the Dual-Core MSM8960 and  
Quad-Core APQ8064)

# platform opportunity... and challenge

hardware platform | software platform  
processing platform | universal connectivity





The image features the Qualcomm logo in white, centered against a dark background with vibrant, blurred streaks of orange, red, and purple light. The logo consists of the word "QUALCOMM" in a bold, sans-serif font, with a registered trademark symbol (®) at the end. The background has a sense of motion and energy, with light rays and streaks creating a dynamic visual effect.

**QUALCOMM®**