



Mobile innovations will drive the IoT



















Rapid replacement cycles Unmatched scale

Integrated and optimized technologies

Qualcomm supports accelerating 4G LTE in Vietnam

Catalyzing migration to 4G

Fostering "Made-in-Vietnam" device manufacturing

Growing IoT ecosystem



3G/4G growth accelerating

>51M

3G/4G mobile connections in Vietnam today



>107M

3G/4G mobile connections in Vietnam by 2020

Source: WCIS, 2017

2G/3G to 4G migration

67% 4G LTE mobile phone shipment by 2020.

Mobile Phone Shipment (Millions) in Vietnam



Source: IDC, 2017

Qualcomm Snapdragon Mobile Platform

Supporting 4G LTE user experiences across all tiers





Qualcomm 205 Mobile Platform

brings 4G LTE connectivity to feature phones





CPU



HD Video Playback



Secure Payment



4G LTE



VoWIFI



GPU



Camera



Power Mgmt. /Audio Codec



VoLTE

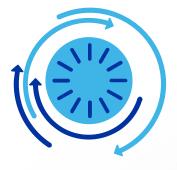


GPS



Accelerating "Make in Vietnam" Vision

Invent



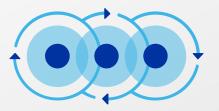
 Passionately engineering new technologies

Share



 Proliferating with licensing and chipsets

Collaborate

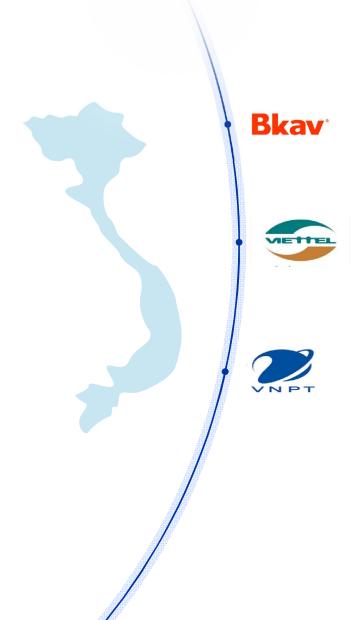


- Supporting implementation across the ecosystem
- Customer engineering for local OEMs and industry

Partnering with local tech giants for mobile innovation



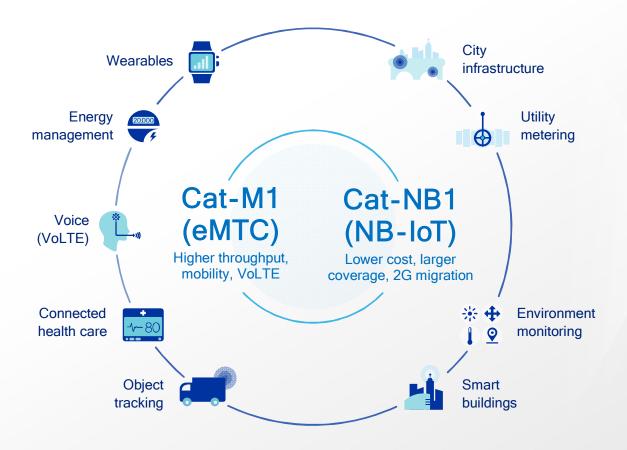
Fast charging Wireless charging Dual SIM Dual VoLTE GHz+ processing 4K video record, playback GNSS Sensor fusion Machine intelligence 4K display **OFDMA** Carrier Aggregation 4x4 MIMO 256 QAM LTE in unlicensed spectrum Gigabit LTE Advanced MIMO LAA LTE Broadcast Wi-Fi 11ac MU-MIMO LTE voice Computer vision Advanced graphics Security technologies Envelope tracking Multimode, multiband transceivers





Scaling LTE to connect the IoT

Global multi-mode provides optimal approach





LTE advancements continue to lead the way to 5G

Pioneering technologies to establish 5G foundation



Gigabit LTE

Enhanced mobile broadband



C-V2X

Mission-critical services



C-IoT

Massive Internet of Things





Committed to accelerating mobile innovation in Vietnam

- 4G LTE as the national mobile internet broadband
- Transformation to Industry 4.0
- Partnering with local players to build up "Made in Vietnam" ecosystem
- Participation in smart cities, smart farming, smart business and health care IoT



Thank you

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