

NB CIOT, Ready to Go

10-SZ

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Bob Cai, Head of Huawei FDD LTE Product Line

CIoT Opens New Business Market for MNOs

CIoT Expand MNOs Business Space

Big Potential Market



CIoT : Cellular Internet of Things



However, CIoT is Still Facing Challenges



Poor Coverage

e.g: Support Deep in-building

Battery Life

e.g: Smart Meter Demands substantial battery life.

• Limited Connection

CIoT Everywhere

Low Cost

Lower Cost, More Opportunity

<u>NB CloT</u> can Meet These Requirements



NB CIoT is Our Best Choice

Battery Life

LTE Bandwidth



NB=Narrow Bandwidth

100K

Connection/Cell

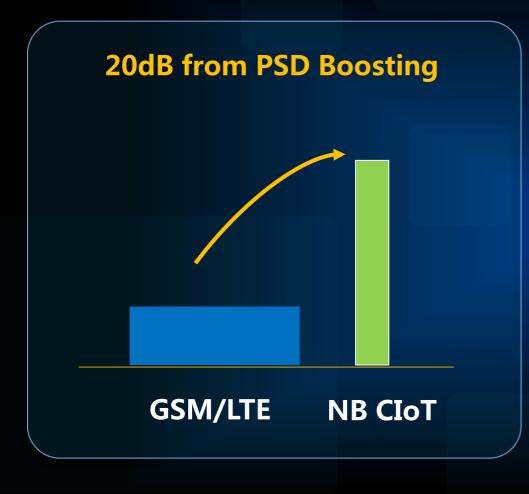




Coverage



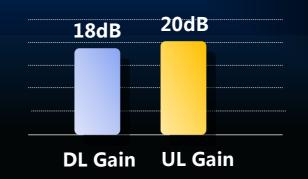
NB CIoT: 20dB+ Deeper Coverage



PSD: Power Spectrum Density



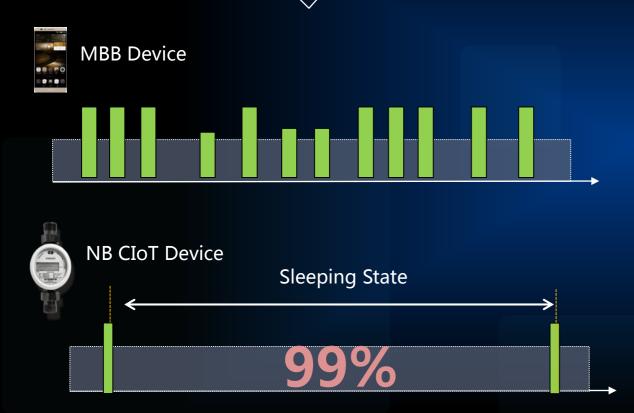
Coverage Gain(NB vs GSM)



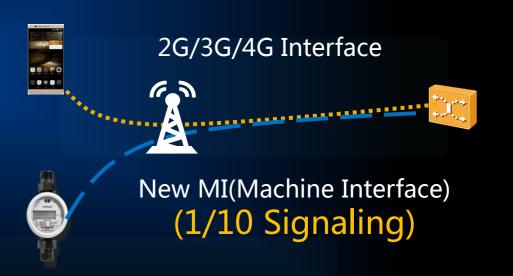


NB CIOT: 10 Years Battery Life

NB CIOT Device is Always in "Sleep State"

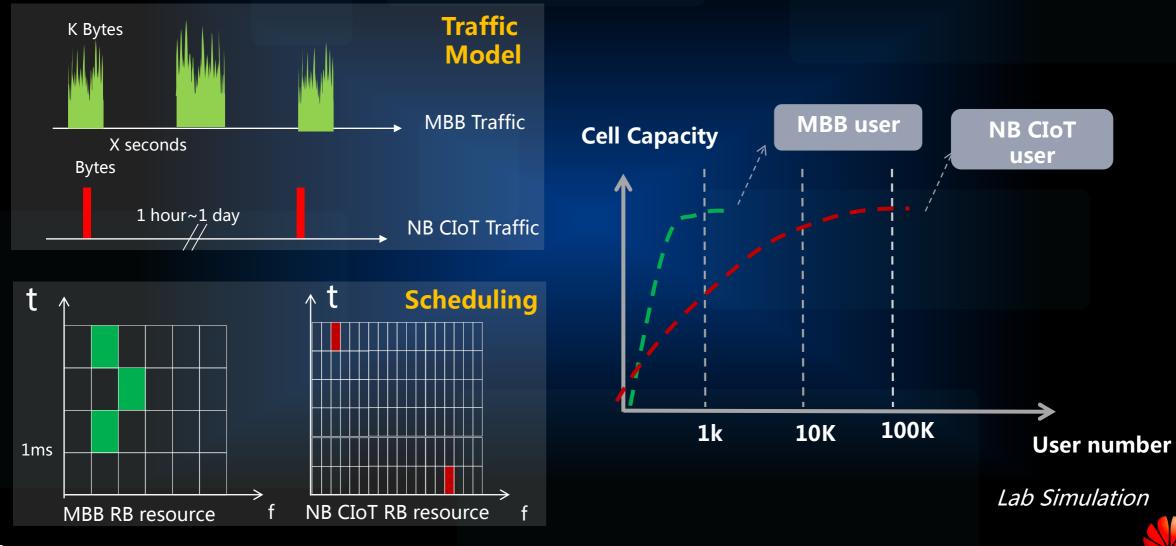


Less Signaling, Less Power Consumption



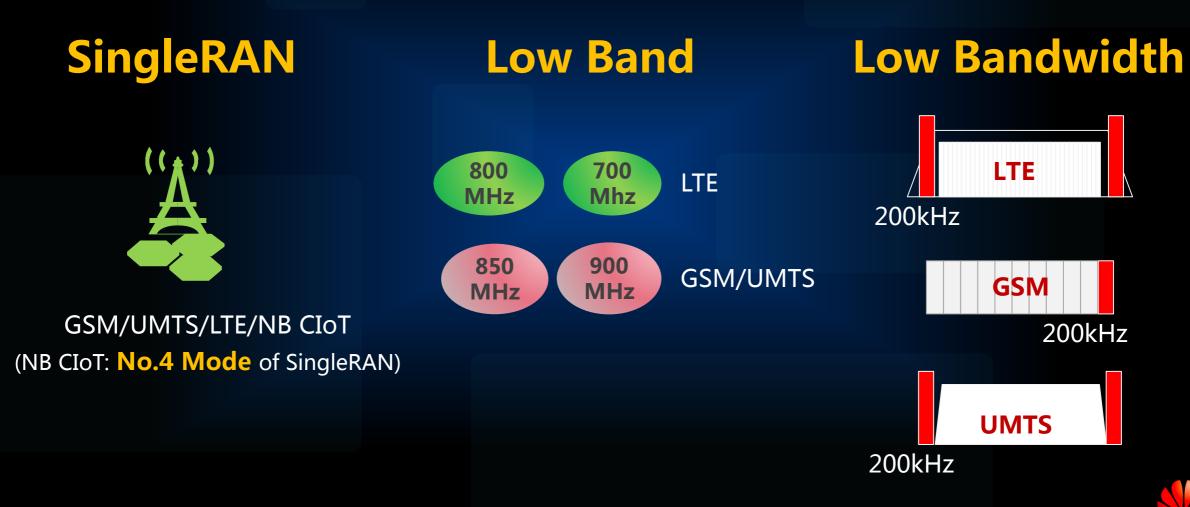


NB CIOT: 100x Connections



HUAWEI

Cost Effective Deployment for NB CIoT Network



HUAWE



HUAWE

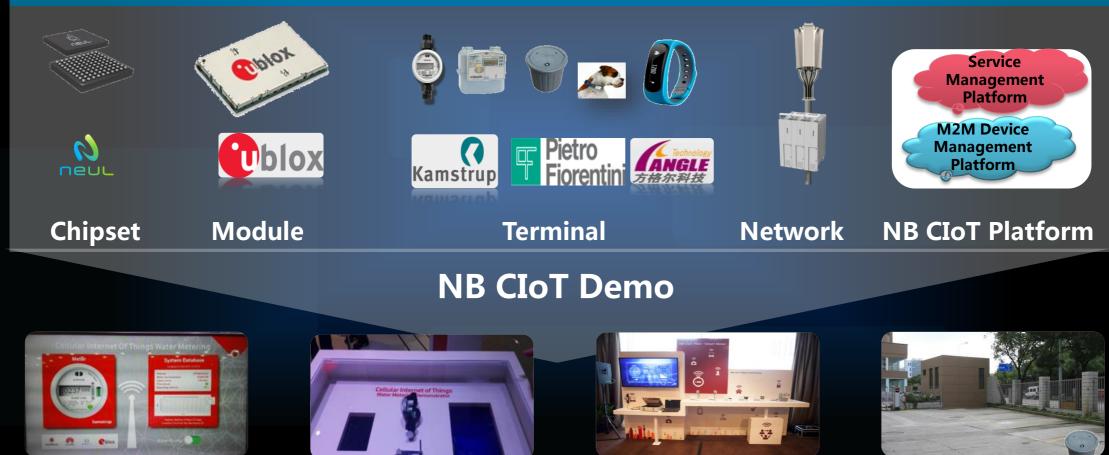
Strongly Supported by MNOs





Eco-System is Taking Off

E2E Solution





Shanghai Unicom & Huawei: NB CIoT Disney Project





NB CIoT Actives Smart Disney

Smart Parking
Smart Band
Pet Tracking
Asset Tracking(Bicycle.etc)
Fire Alarm

•...



NB CIoT Pre-commercial Network





NB CIOT is Really NB

Thank you

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