

Innovation Drives Future City SMART

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Content



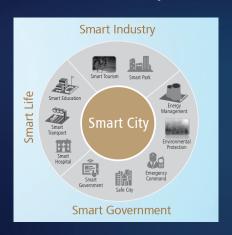
- Continuous
 from last year
- ➤ Nb IoT the new born standard
- Huawei Open Platform a SMART City Enabler



What is a SMART City



Cities evolves permanently



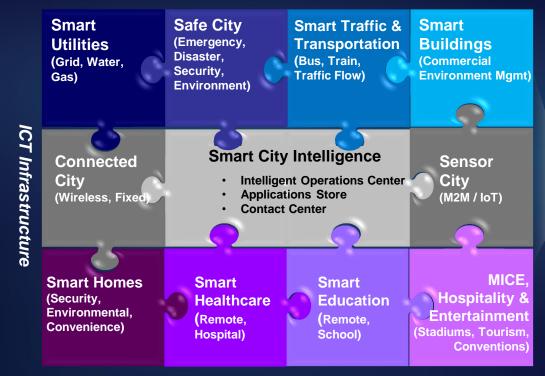
- A city modernization process needs to be rooted in the question of what kind of place cities want to become – define the quality of life
- Technology introduction and innovation enables cities modernization towards

A smart city is a city that pushes the quality of resource management and service provision to the limit possible at a time and adapts agilely to the future

Elements that makes a city SMART



Urban Development, Security & Sustainability

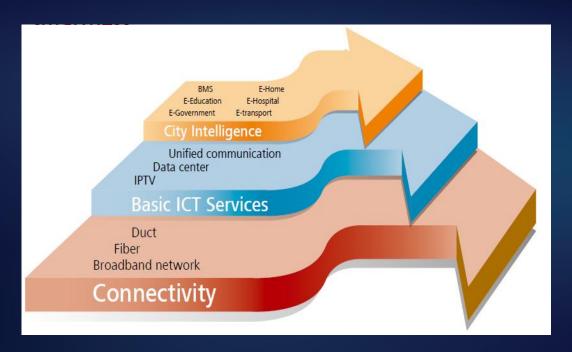


Internet Of **Things** Information **Flows** Intelligent Computing I A TO THE A Collaborative Man Response

Social Development Communities, Villages, Citizens

Smart city roadmap layers





Deploy City intelligent applications

Deploy basic ICT services to change the way of city management and enhance life

Foundation to connect: anytime, anyplace any terminal

Challenges for IoT



Business

- Fragmented Verticals
- Business Model
- Data Value Generation



Technology

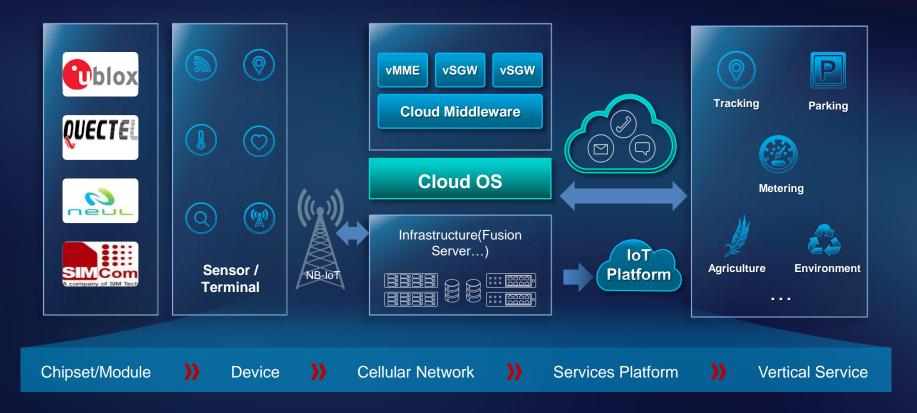
- Low Power Wide Area
- Massive Connections
- Security

Ecosystem

- Diverse Alliance
- Diverse Standard
- No Unified OS for Things

NB-IoT E2E solution





Huawei 1+2+1 IoT solution





Huawei LiteOS, open ecosystem make things smarter







Ultra-Low power 10-6 A level



Real-time: 1ms level



Resource constrained: 10 KB



Security mechanism

NB-IoT, the best choice of LPWA for carrier



4.2B NB-IoT connections and \$42B market size by 2020



More Connections 1K -> 100K per cell **Deeper Coverage** 20+ dB gain over GSM **Low Power Consumption**

Low Power Consumption

10 years
battery life

IoT Platform flexible for all access technologies





Open IoT platform: 3rd party capable, shorten TTM





Pre-integration

Smart home Connected car NB-IoT application

Open platform

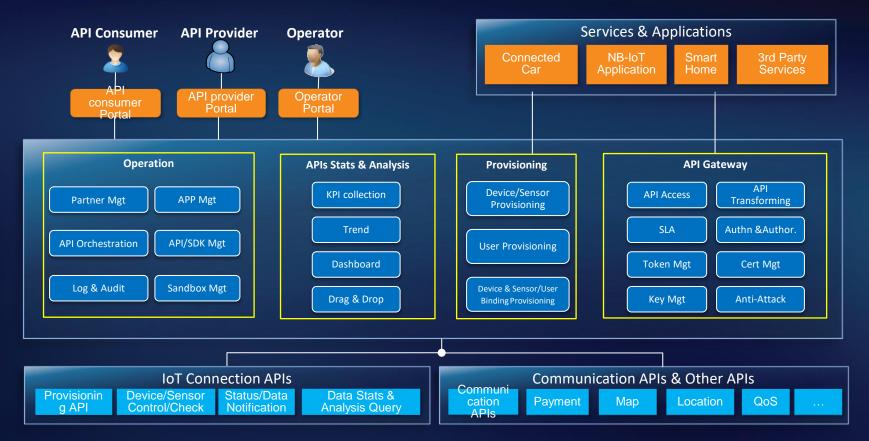
Open API Service orchestration Rule Engine

Access agnostic

Cross-brand device replacement Hardware capability abstact Fast and easy device integration

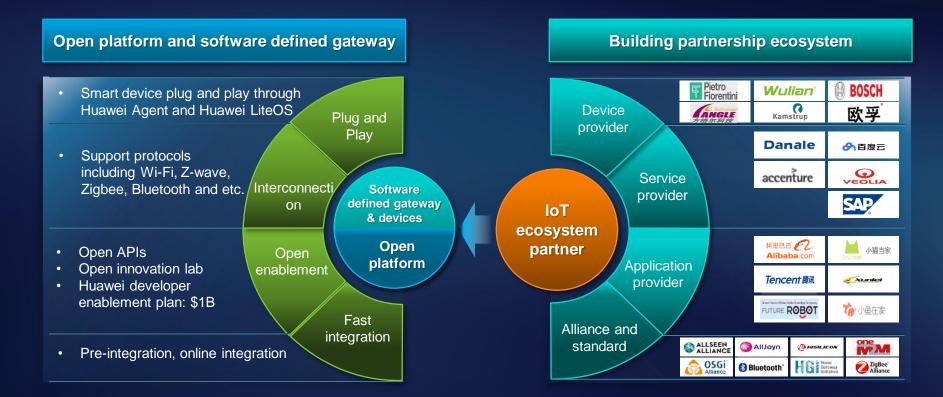
Unified API exposure console facilitating innovation





Open and cooperation worldwide

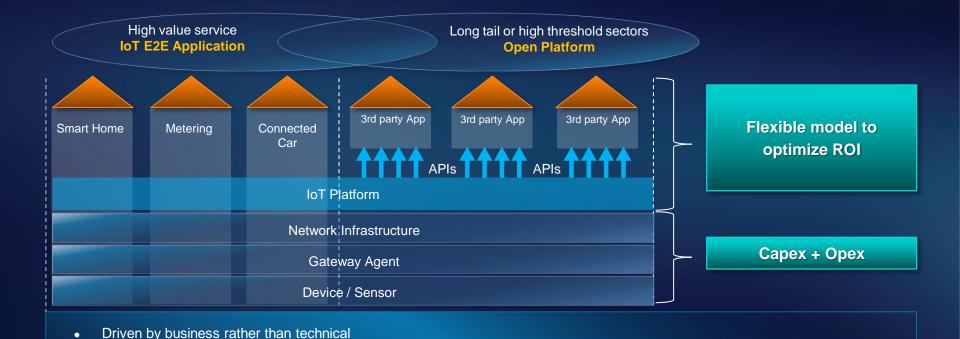




Flexible business model of Huawei IoT

Lower initial investment, extent the payment period, reduce the risk Cooperate each other to achieve operational and finance objectives.





Growing NB-IoT cases all over the world







22 Sponsors
150+ Members(Target in 2016)



Open Labs

Huawei Smart City projects worldwide



JOIN US IN BUILDING A BETTER CONNECTED WORLD

THANK YOU

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