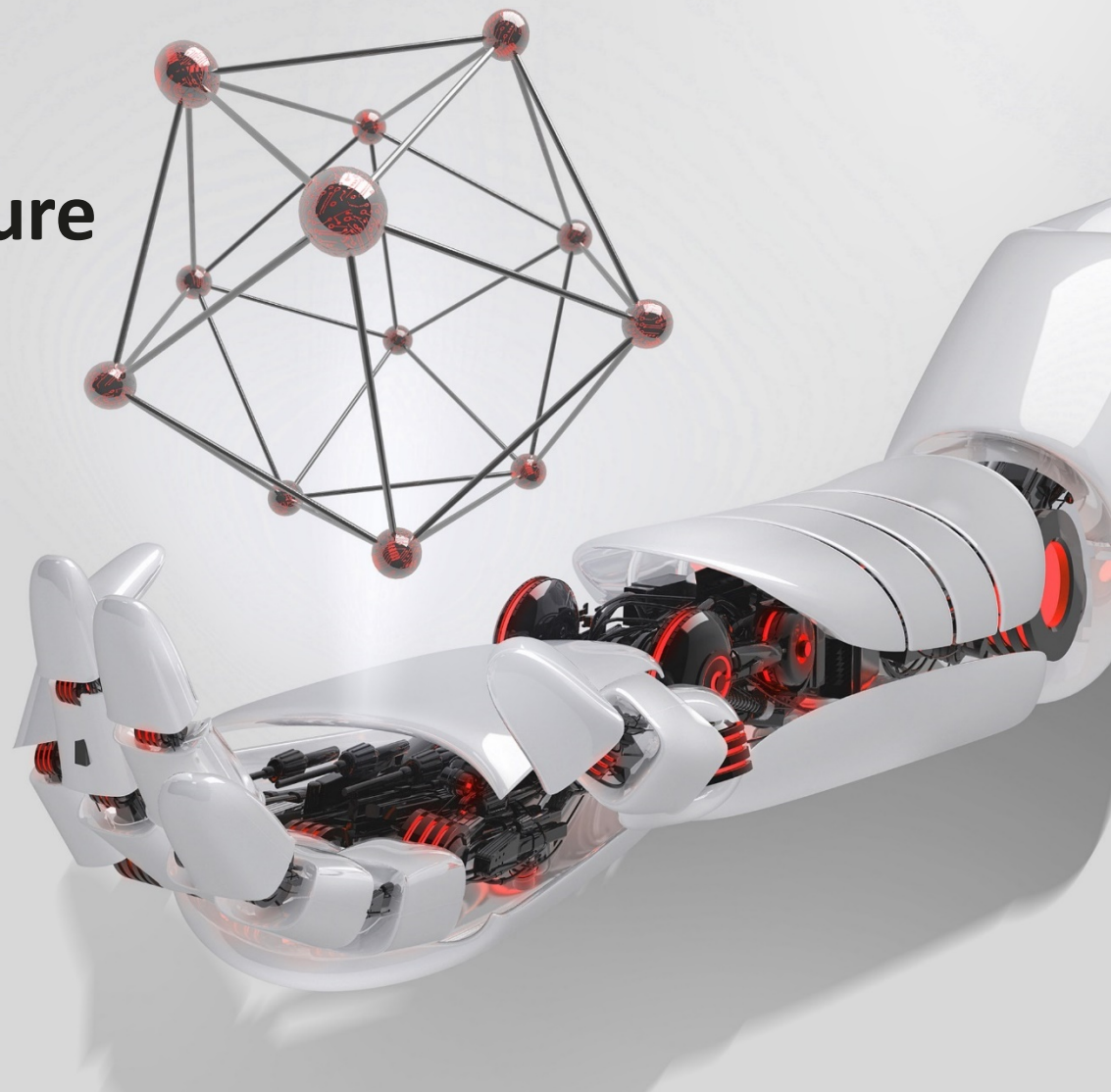


Cloud X Leading the ICT Infrastructure Upgrade

Peter Zhou, Huawei



\$410bn IT Market Will be Upgraded Because of CT

- Traditional IT market has few relations with Telcos

IT market size in 2018

410 bn USD



PC HW : Desktop, laptop 184 bn
 PC SaaS : Virtual desktop 76 bn
 PC game : Performance PC 145 bn
 PC AR/VR : Performance PC 8.4 bn

Source: IHS 2018

Telco relation ☆

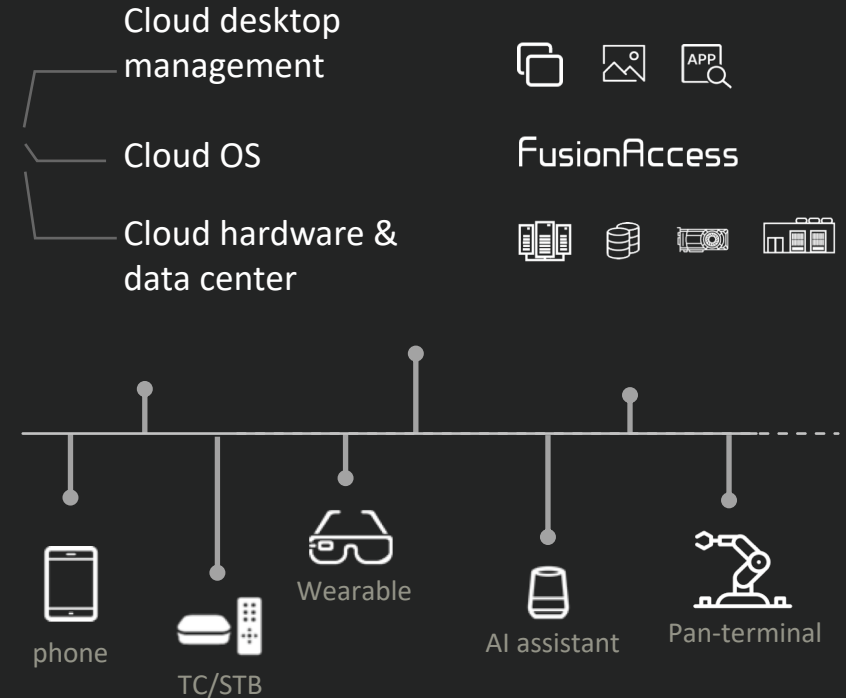
- 5G becomes the new ICT bus, bringing a full industry upgrade



Cloud PC infra.



5G as ICT bus



Telco relation ★★★★★

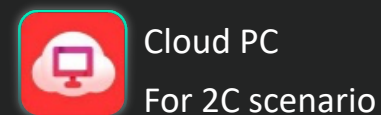
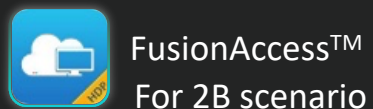
Cloud PC Making for 2C from 2B

Since 2010, Huawei's 80,000+ R&D employees have been using **Cloud Desktop** to do office work

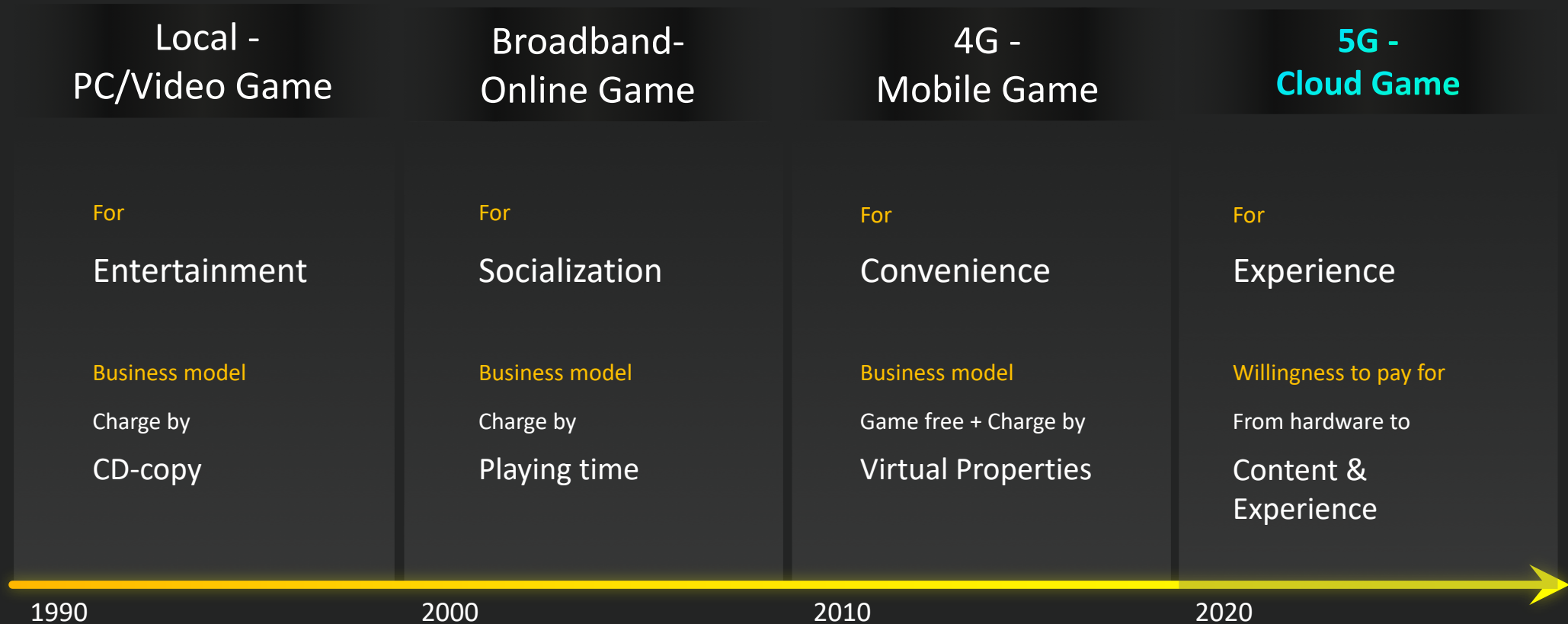
In 2019, 100+ million Huawei Smartphones have built-in Huawei **Cloud PC**



EMUI8.0+ supported, including: Mate 8,9,10, P20, Mate 20, Pad M5, Honor Note10, V20, P30...



4G Grows Mobile Games, 5G Prospers Cloud Games



NetEase Game (逆水寒) Released on Huawei Cloud PC

Play PC games everywhere on your smartphone



The game runs on the cloud via Smartphone
TV is only for screening purpose



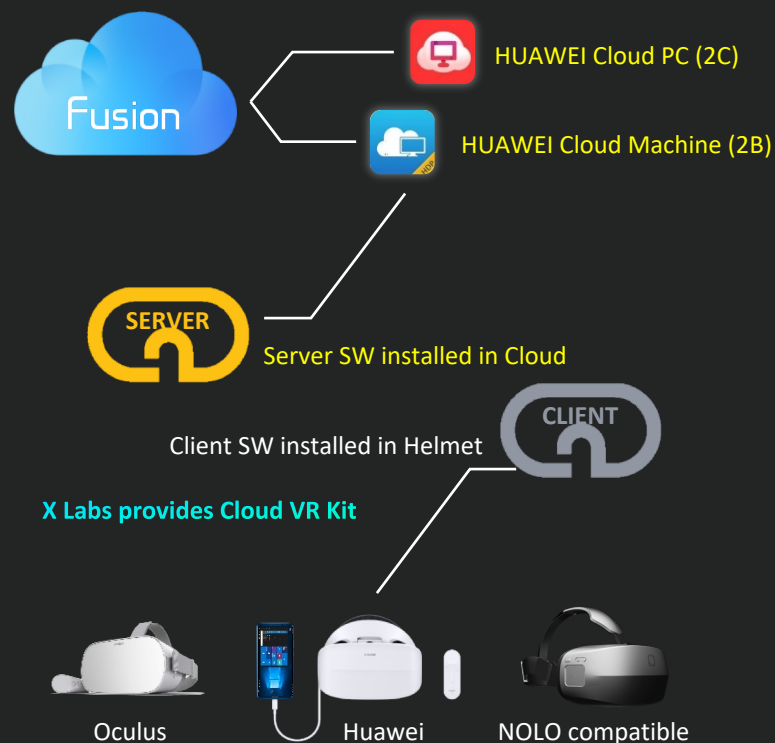
**NetEase & Huawei 5G Cloud Gaming Joint Innovation Lab
Launched on 25th Jun.**

- Study on cloud game experience evaluation, research reports
- Game optimization on 5G network/5G phones
- x86/Kunpeng 920 cross-platform technical verification

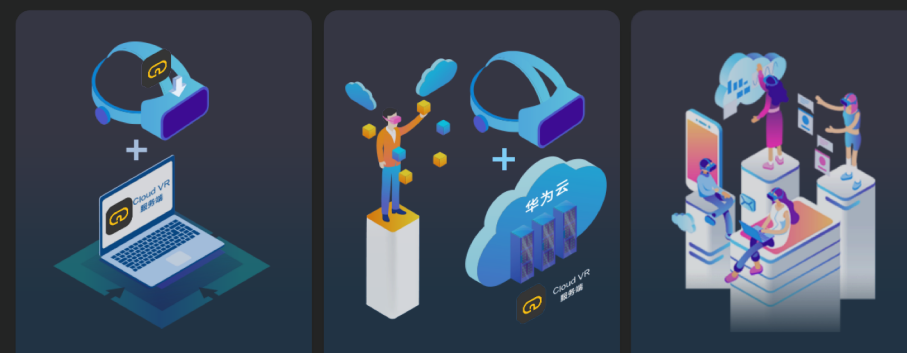
Meanwhile, VR/AR Uses Cloud Computing Progressively

No local host required, first used in 2B training, education and production support

Huawei 5G Cloud VR connection Service



3-Step Go to Cloud for Developers



1: Service Kit Integration & Local Trial

2: Upload VR Service & Test on Cloud

3: Nation Wide Operation Based on the Huawei Cloud

30+ Partners Adopt Cloud VR Kit



Cloud X Services Experience Assessment Models

To guide 5G network benchmark and promote the E2E industry maturity

Cloud VR Presence Index



Joint Research with Universities and the Video Experience Alliance



Cloud VR PI report

Cloud gMOS



Joint Research with NetEase



Cloud gMOS report

Cloud X Boosts ICT Industry in the 5G Era



2B side

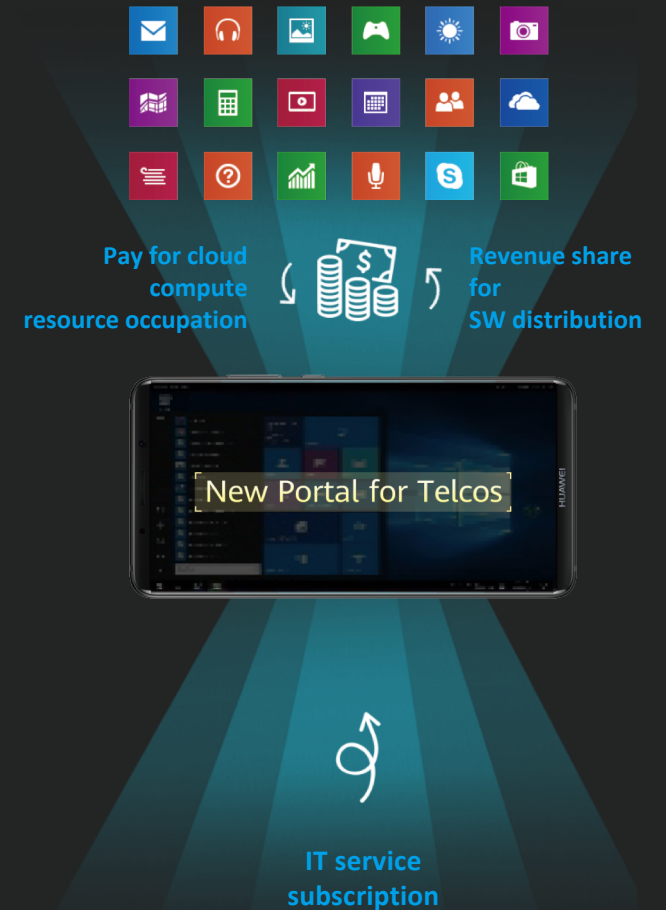
- No change to SW running environment
- Extra distribution channels from Telcos

Telcos

- Cloud IT build up a unified pool
- Connection QoS turns to be a must be condition
- Telcos' FMC subs. are potential users for easy monetize
- Focus on the ICT infra. operation, no need to concern contents

2C side

- Enjoy low cost and on-demand Cloud IT service



Intelligent
terminals

+

Wide
channels

+

Cloud
facilities

I/O

⋮

BUS

⋮

5G

IT

⋮

Human - Mobile phone
Thing - Machine

Cloud

Thank you.

把数字世界带入每个人、每个家庭、
每个组织，构建万物互联的智能世界。

Bring digital to every person, home, and
organization for a fully connected,
intelligent world.

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