

Compatible at Last? — Open Mobile Internet for the 4G Era

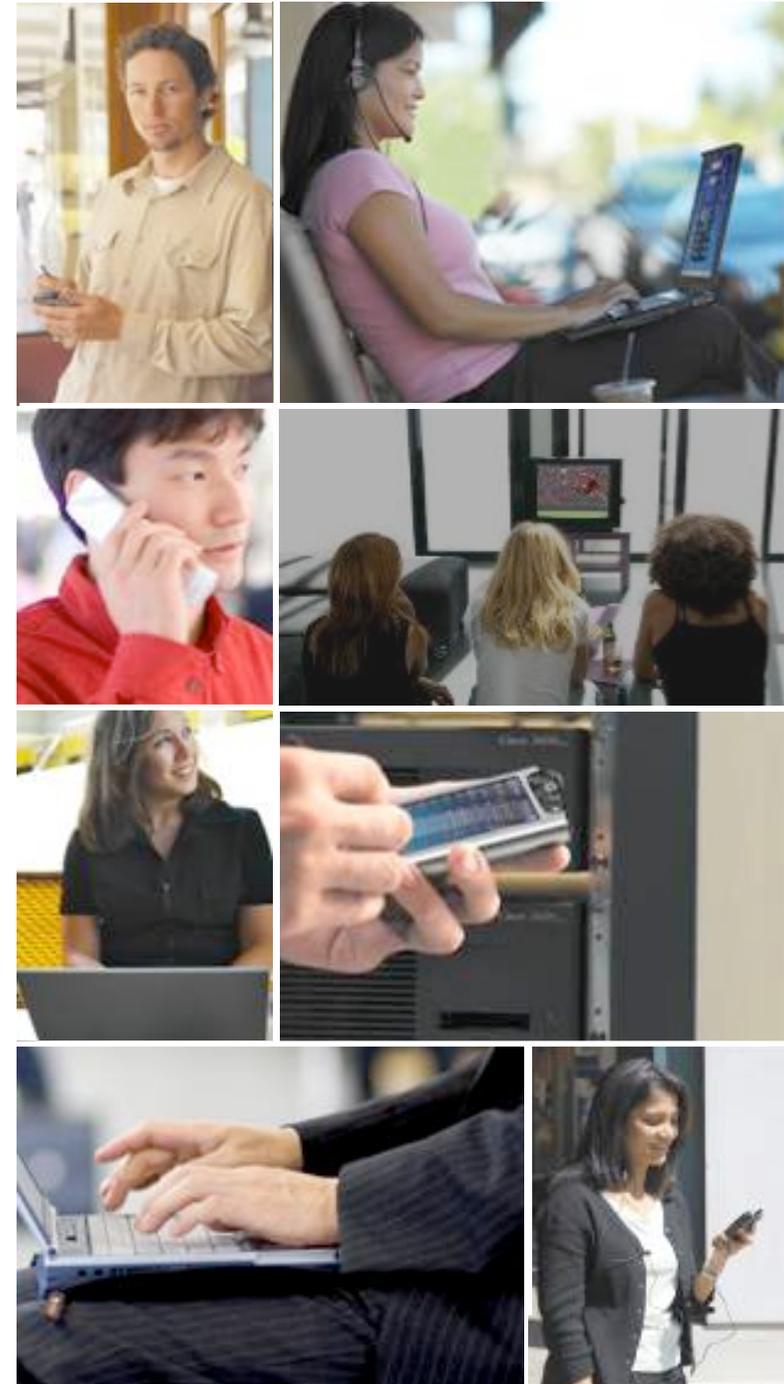
Openness, Simplicity and Cleanness

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Compatible at Last? — Open Mobile Internet for the 4G Era

IPv6 over OWA



What's 4G Mobile Technologies

Open Wireless Architecture (OWA)

- On the device side

Cost-effective and spectrum-effective high speed wireless transmission

- On the network side

Theory: No single wireless standard can provide both broadband high-speed transmission and seamless mobility

Solution: Convergence and Integration by IPv6 over OWA



ICT Open Architecture Law

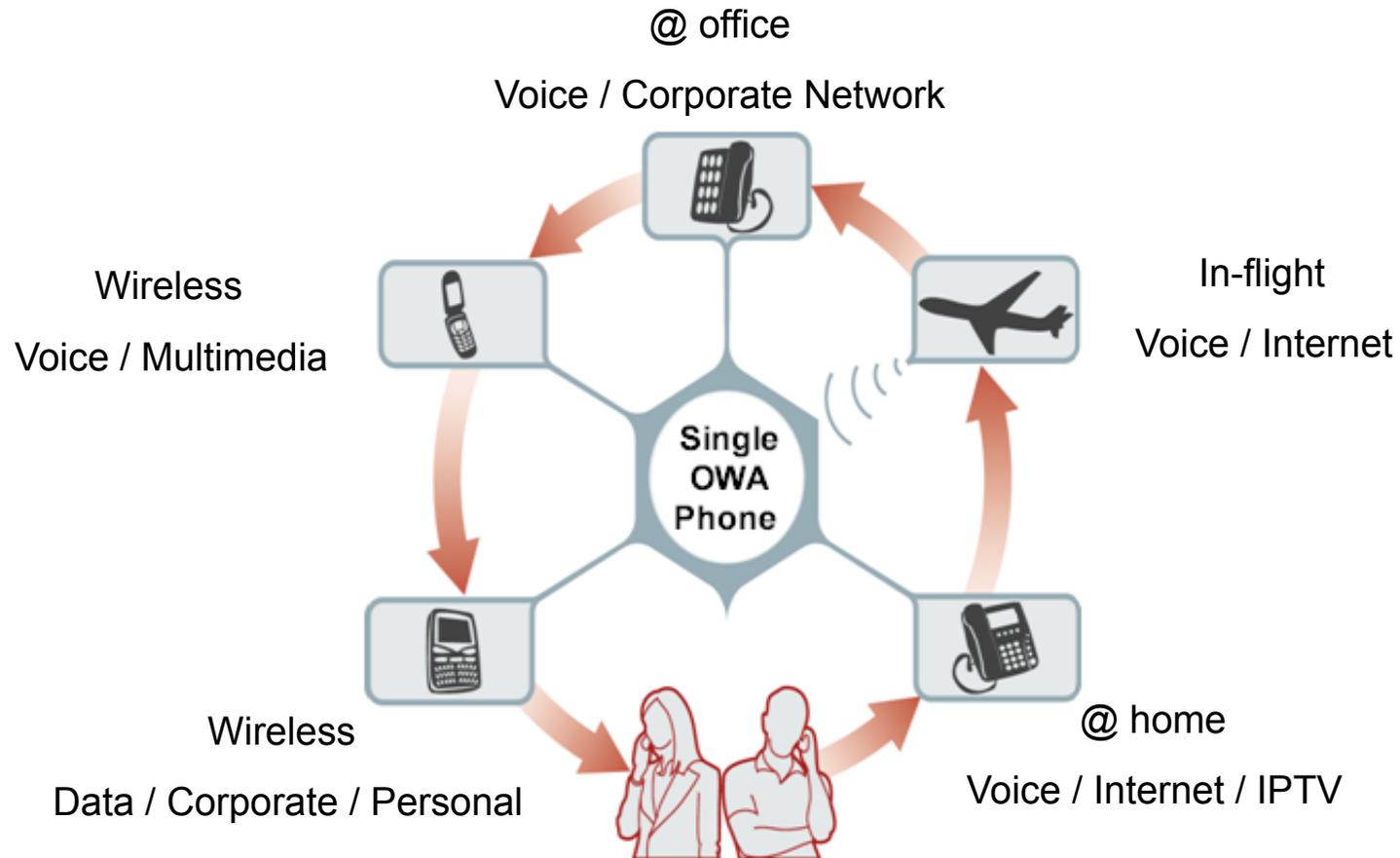
“The reason we had Personal Computer is because it defined the Open Computer Architecture,

The reason we had Cisco Systems is because it defined the Open Network Architecture,

The world is at the edge to define the Open Wireless Architecture (OWA) to liberate the whole wireless industry.”



IPv6/OWA Enables Personal Communications Back to Life Again



China Long-term Strategy

除登月工程外,中国未来最重大专项项目之一是建立基于开放结构的宽带无线(包括移动)通信系统,以满足国家未来信息化建设.

Besides China Moon mission, one of the most important special programs is to construct an open-architecture based broadband wireless (including mobile) communication system to meet the nation's future IT infrastructure development.

China WINE Regulations

China future mobile communications development whitebook, Rel.12/2007

Focus on B3G and 4G mobile technologies

Focus on open architecture and converged platform

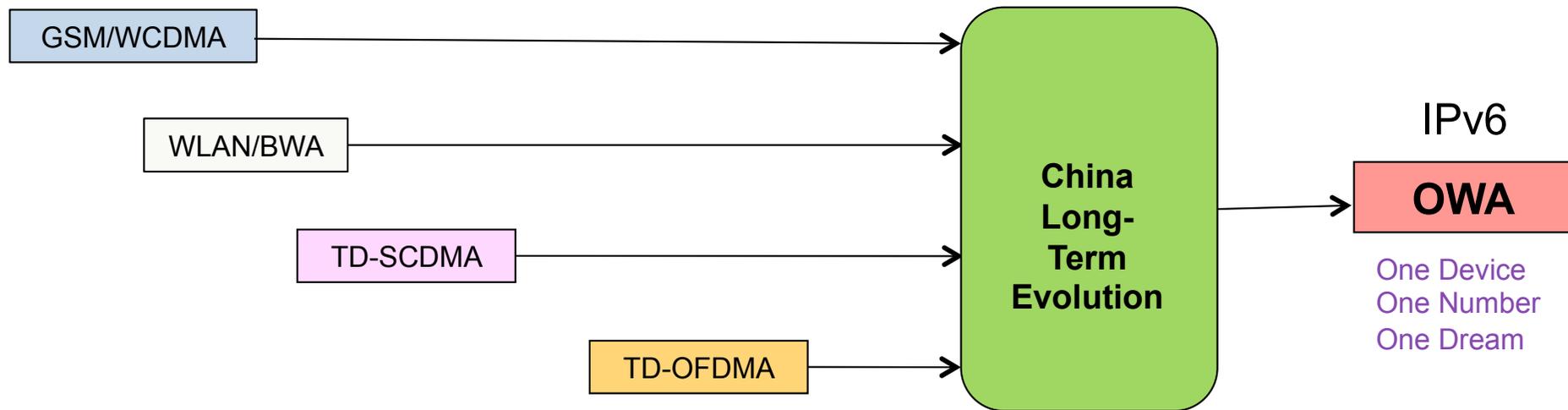
Focus on industrial standards targeting emerging markets

Encourage deployment by private sectors

Encourage shared business models

Encourage frequency sharing and dynamic allocation

Government's Role in China Wireless/Mobile Industry



Missions and Objectives

- Open system architecture
- Open spectrum planning
- Open OS and Application platform

Truly User's Phone, not Provider or Vendor's Phone

Powered by Open Wireless Architecture (OWA) Technology



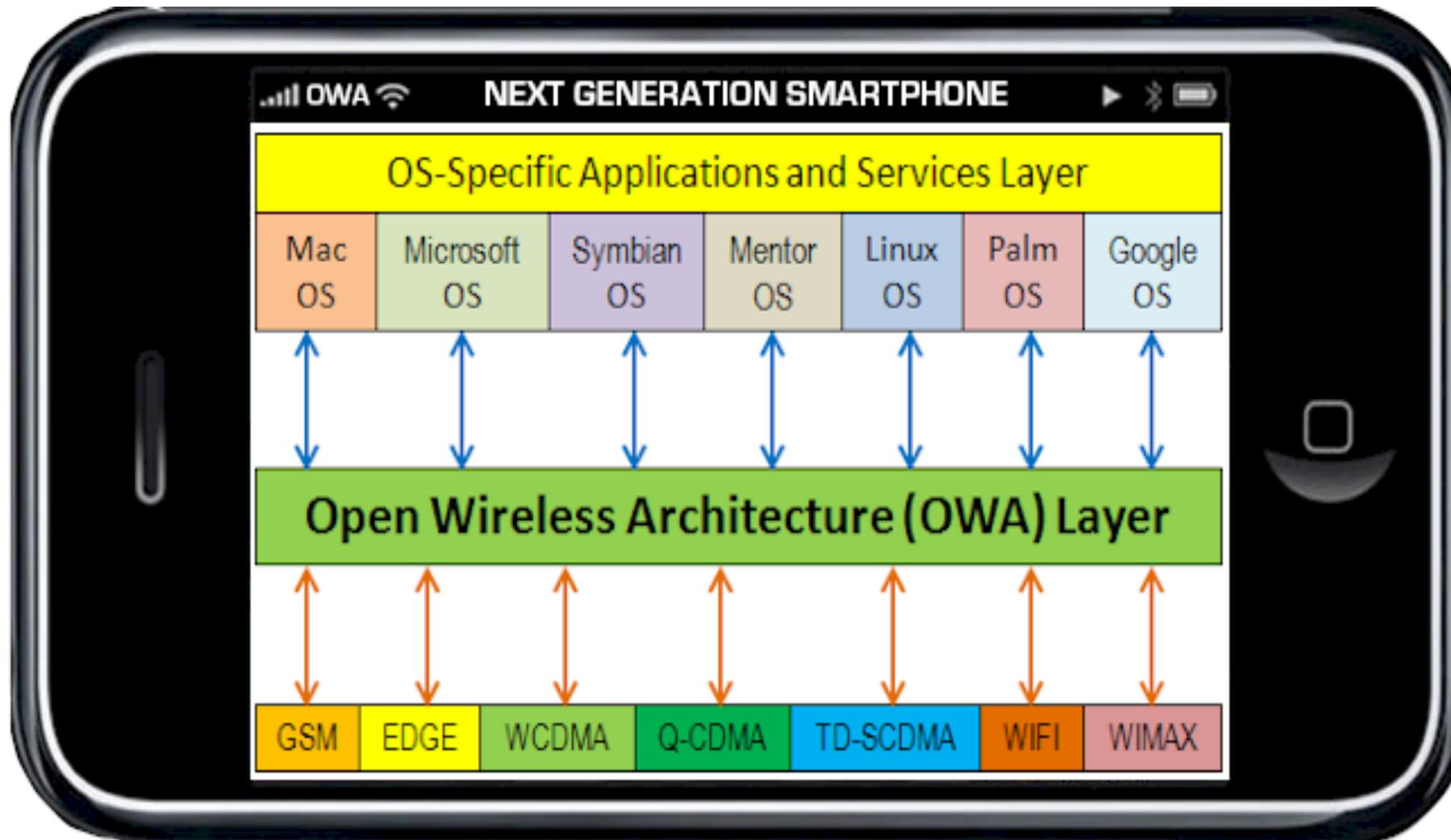
China Open Mobile Internet Strategy for the 4G Era

- — Heavily deploy WiFi (WLAN) networks
- — Deploy 3G networks for mobile
- — Deploy hotspot BWA networks
- — Deploy Special networks
- — Slow down GSM expansion
- — Limit Single Standard Solutions
- — Towards future OWA Infrastructure

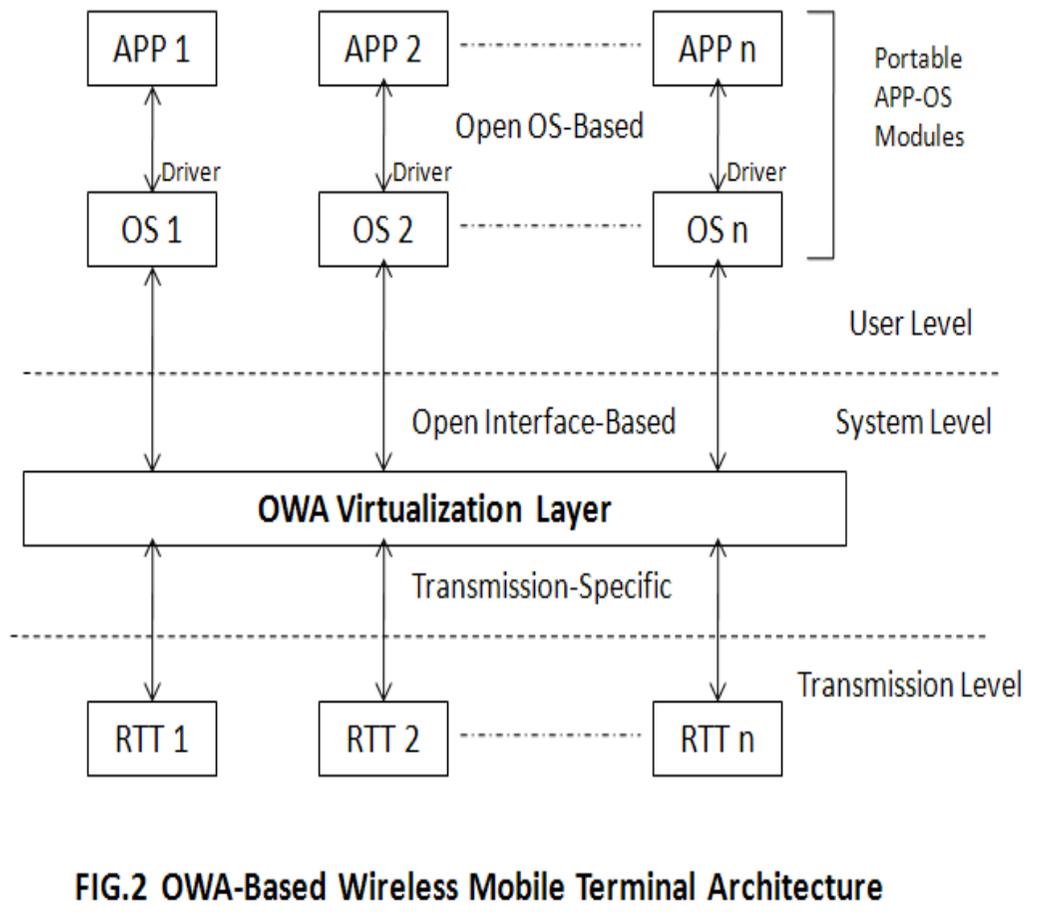


4G Smartphone – Separate OS with RTT

Convergence with IPv6 over OWA



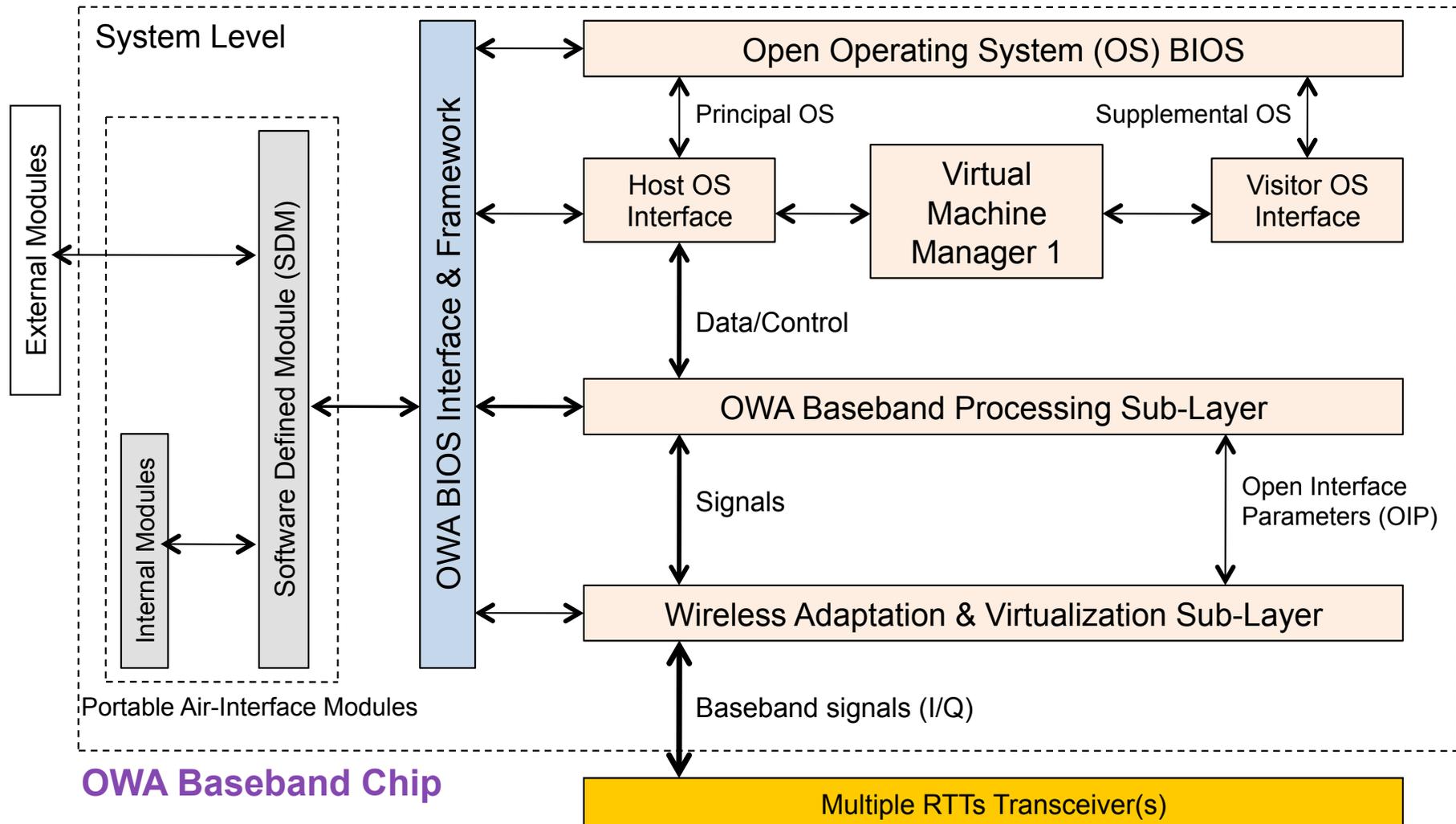
OWA Virtualization for Open MM Applications



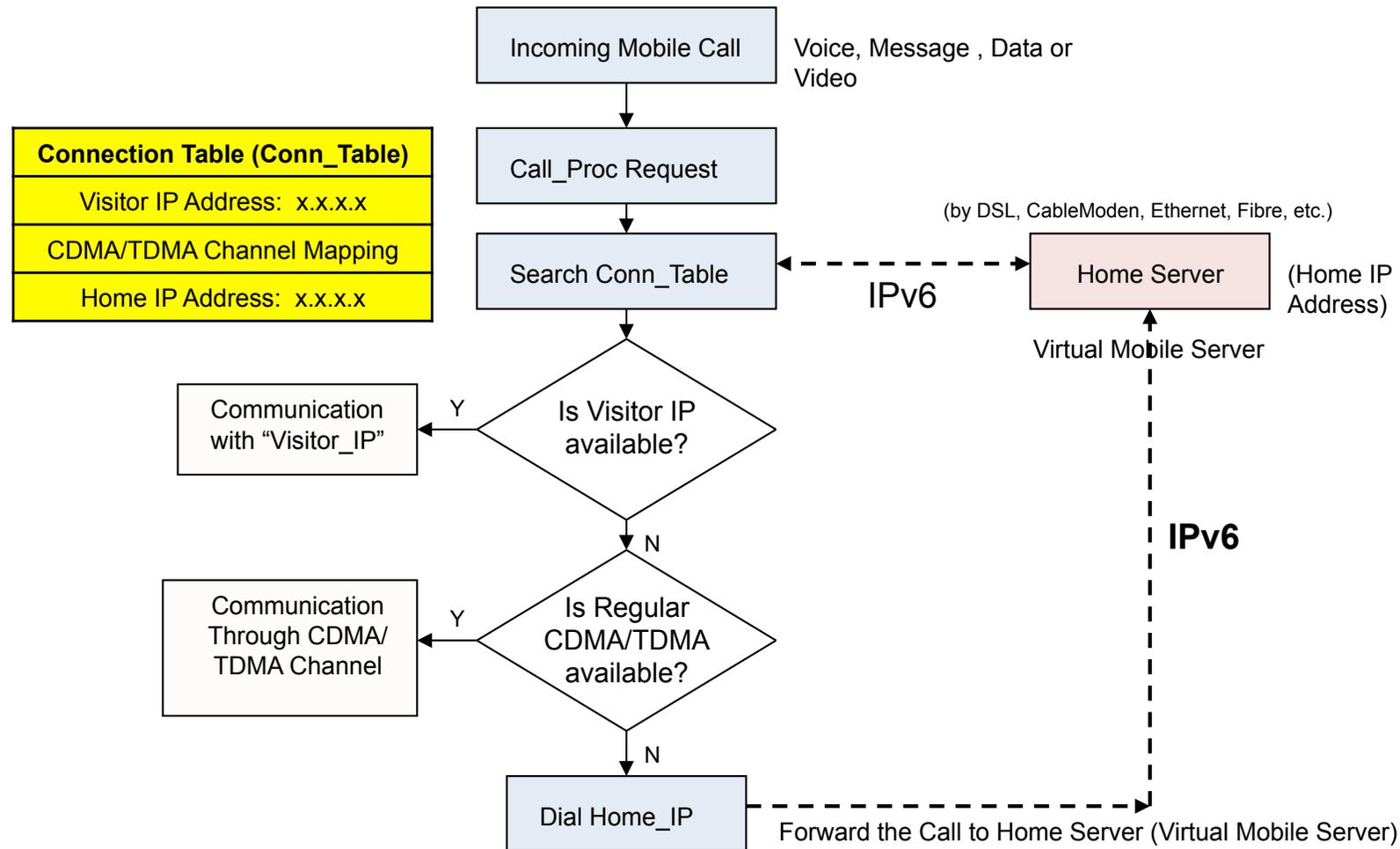
*One Device
One Number
One Dream*



Open Wireless Architecture (OWA) Virtualization Layer



Call Processing Management System in Mobile Switching Center or Gateway



We need IPv6 for complete 4G solutions – global IP for each device

Wireline @ Office

WiFi @ Coffee Shop

Mobile Cellular Network
GSM, 3G, WiMax

WiFi @ Home
Wireline @ Home

One Device . One Number . One Dream

iHand®

Mobile on Road

Powered by OWA®

For more information, please visit: <http://4Gmobile.com>

