



**ITU Kaleidoscope 2015**  
*Trust in the Information Society*

**Future Mobile Communication  
Service on Balance between  
Freedom and Trust**

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# Background and Purpose

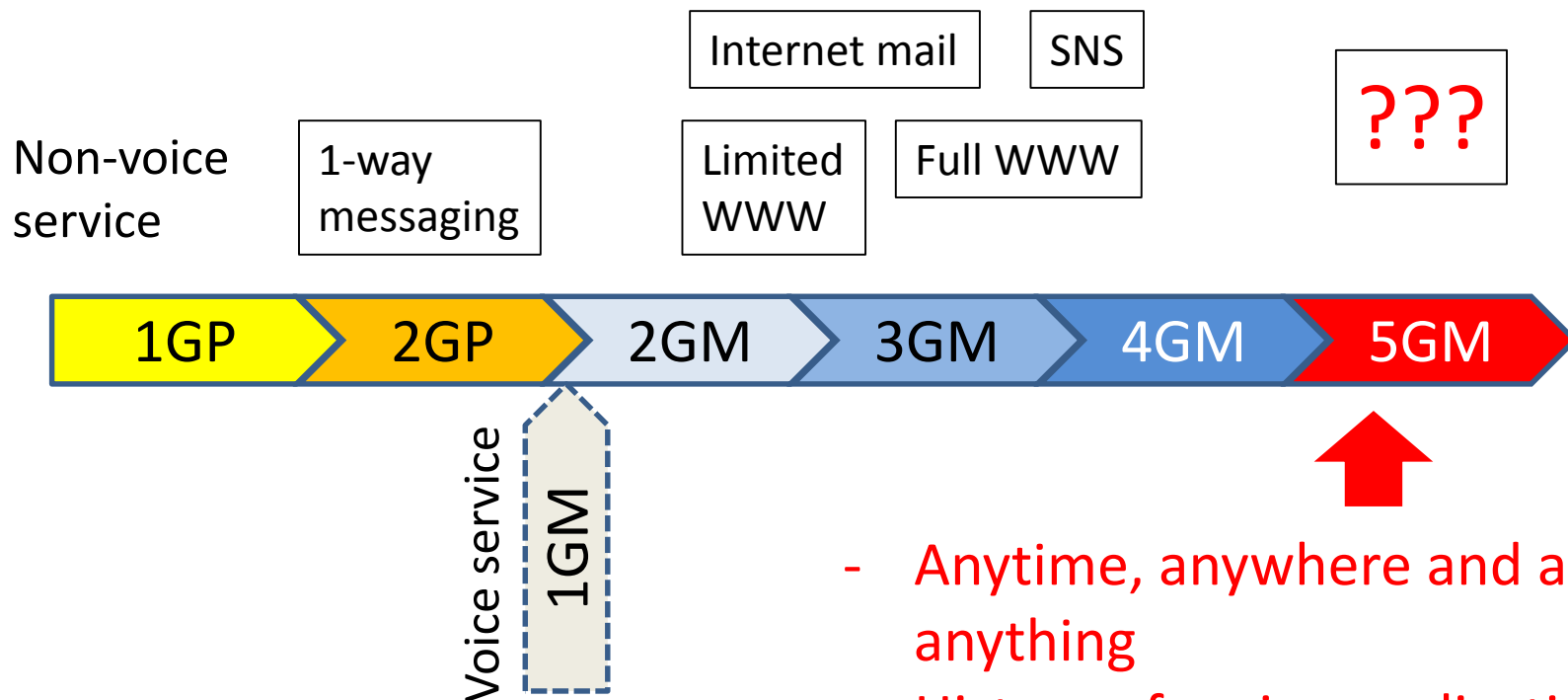
- What kinds of applications will lead mobile communication markets in 5G-era and more future?
  - Traffic safety, Smart cars, Mobile healthcare, IoT, ---, ?
- Who will provide 5G service?
  - Mobile communication carriers as same as 4G?
  - Anybody deploy base stations as same as WiFi?
  - or ????



## Freedom vs. Trust

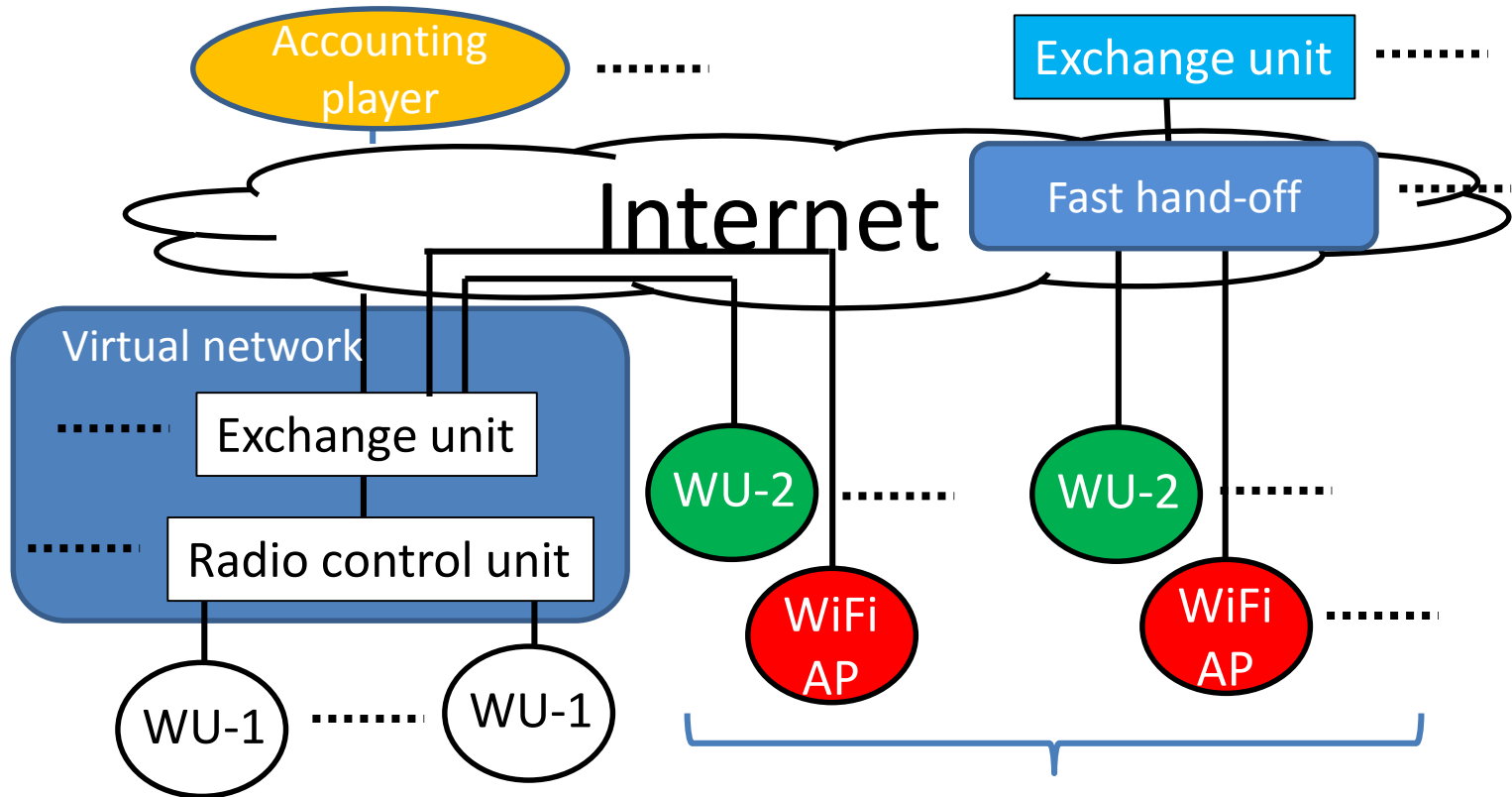
- Forecast killer applications based on basic demands / history / research trend of existing mobile communication service.
- Consider scenarios who will provide indoor wireless units and voice exchange units.

# What kinds of application will lead mobile communication markets?



- Anytime, anywhere and anyone, anything
- History of major applications
- New trends in communication research
  - CACN
  - UCN, D2D

# Who will deploy communication equipment?



\*WU-1: Wireless unit for outdoor

\*WU-2: Wireless unit for indoor

Who will deploy?

- Initiative

- Frequency band allocation