

Lecture 7

Wireless Internet and m- Business

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Lecture 7

Wireless Internet and m-Business

Technology of
wireless
devices

Wireless
Application
Protocol

Wireless
Mark-up
Language

Wireless
applications

Wireless
applications

Wireless Devices



m-Business

- B2C and B2B marketplaces
- Progressive Casualty Insurance Company
- Toyota InfoTechnology Center



m-Business enabling technologies



GPRS (General Packet Radio Service)

W-CDMA (Wideband Code-Division Multiple Acces)



WAP(Wireless Application Protocol)

i-mode

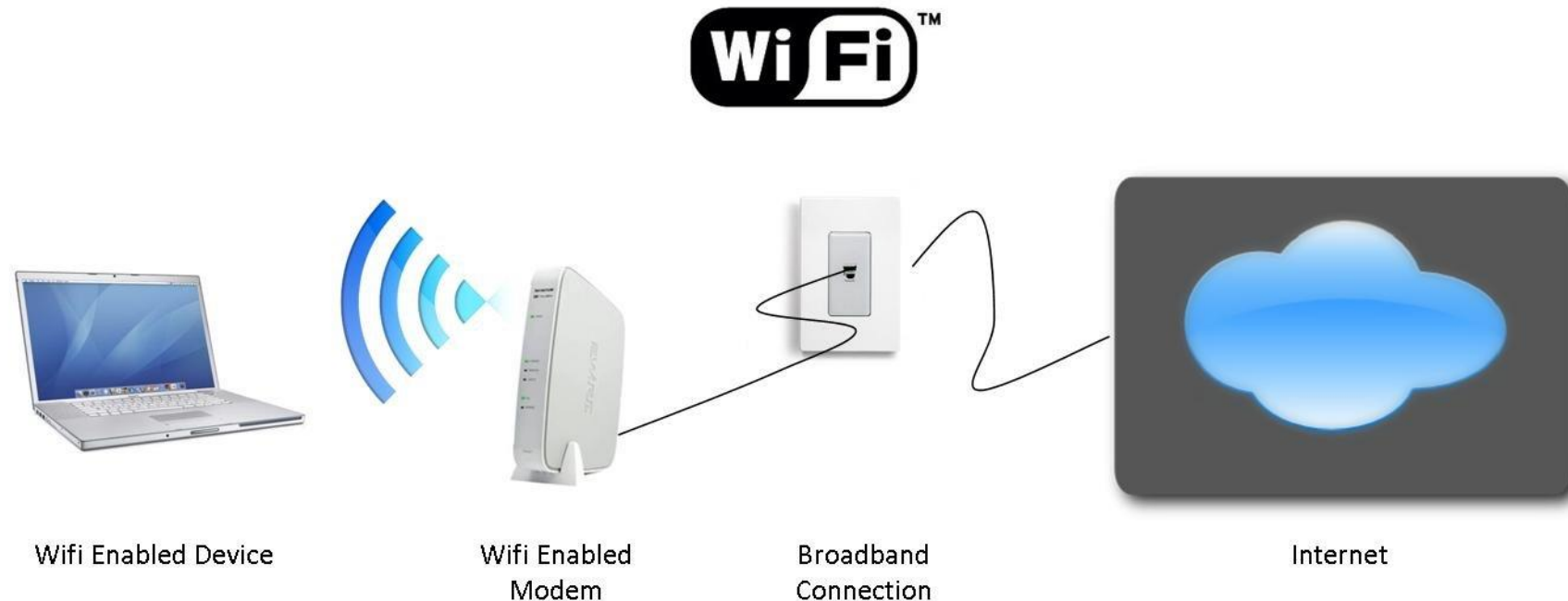


Other related technologies



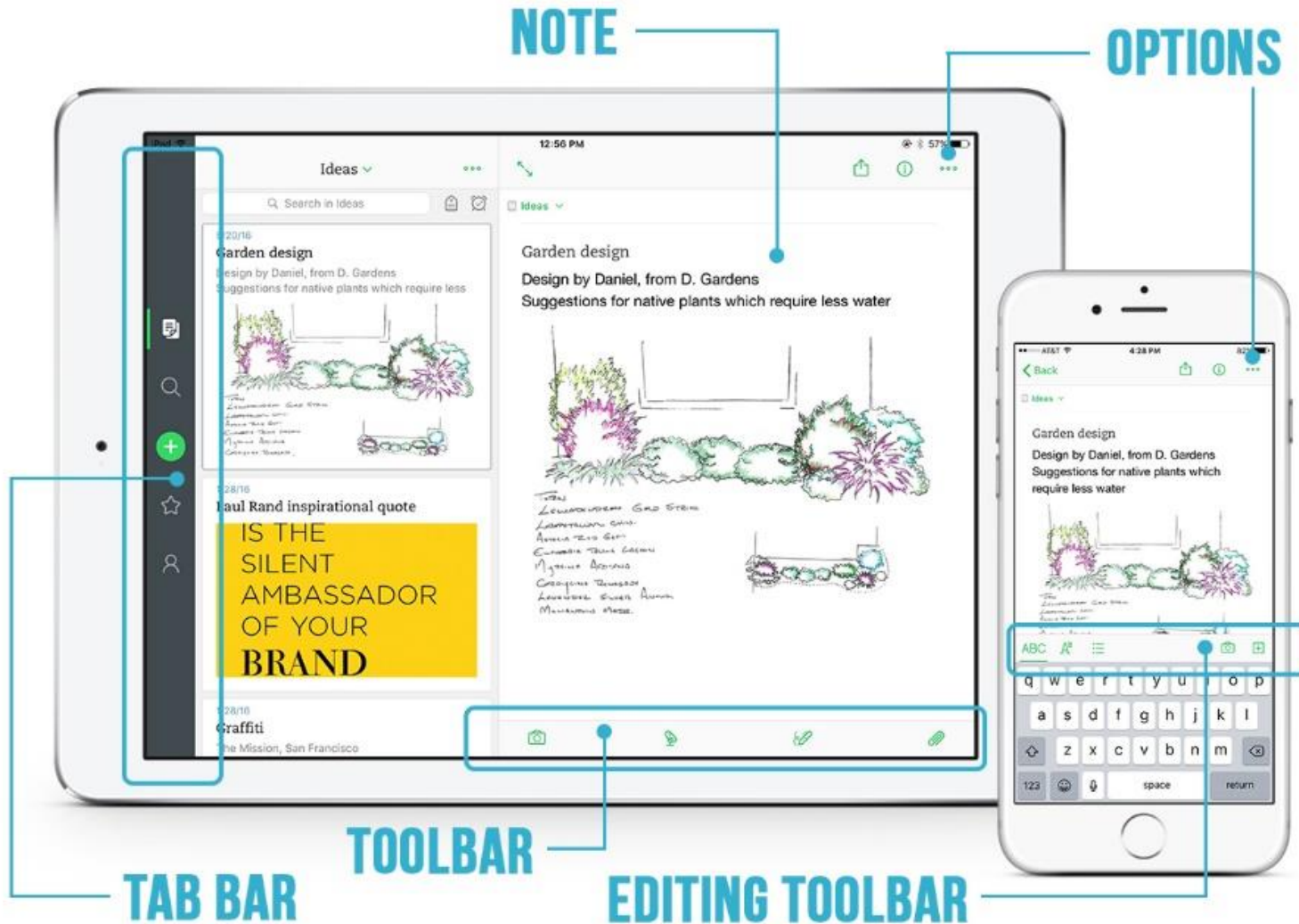
Wireless Internet Access

- *Feature: Sprint PCS*
- *GoAmerica: Wireless Internet Service*

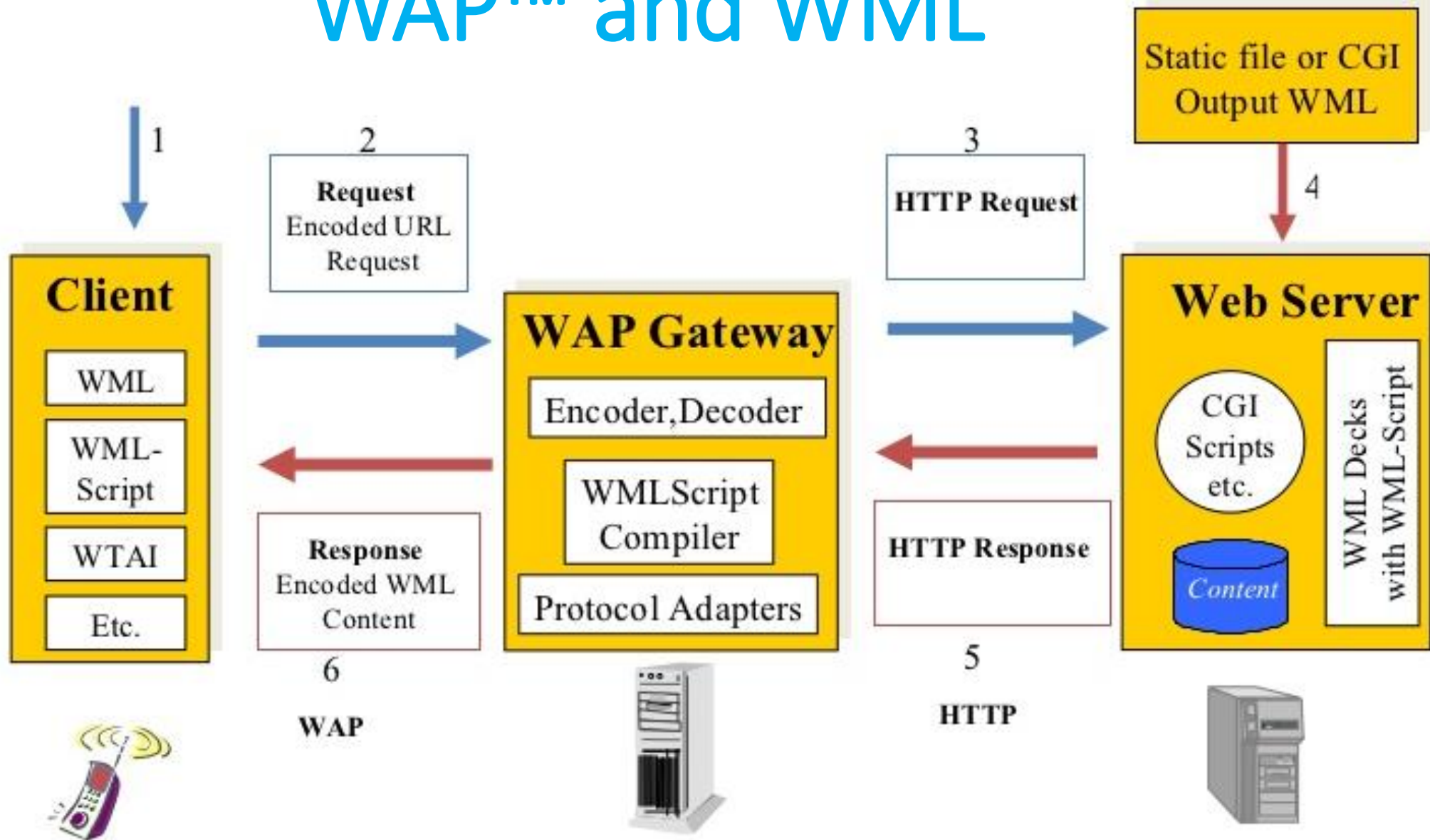


Wireless Web Technology

Web Clipping



WAP™ and WML



Software Applications for Wireless Devices



Technological developments of smartphones in the 2010s



LG

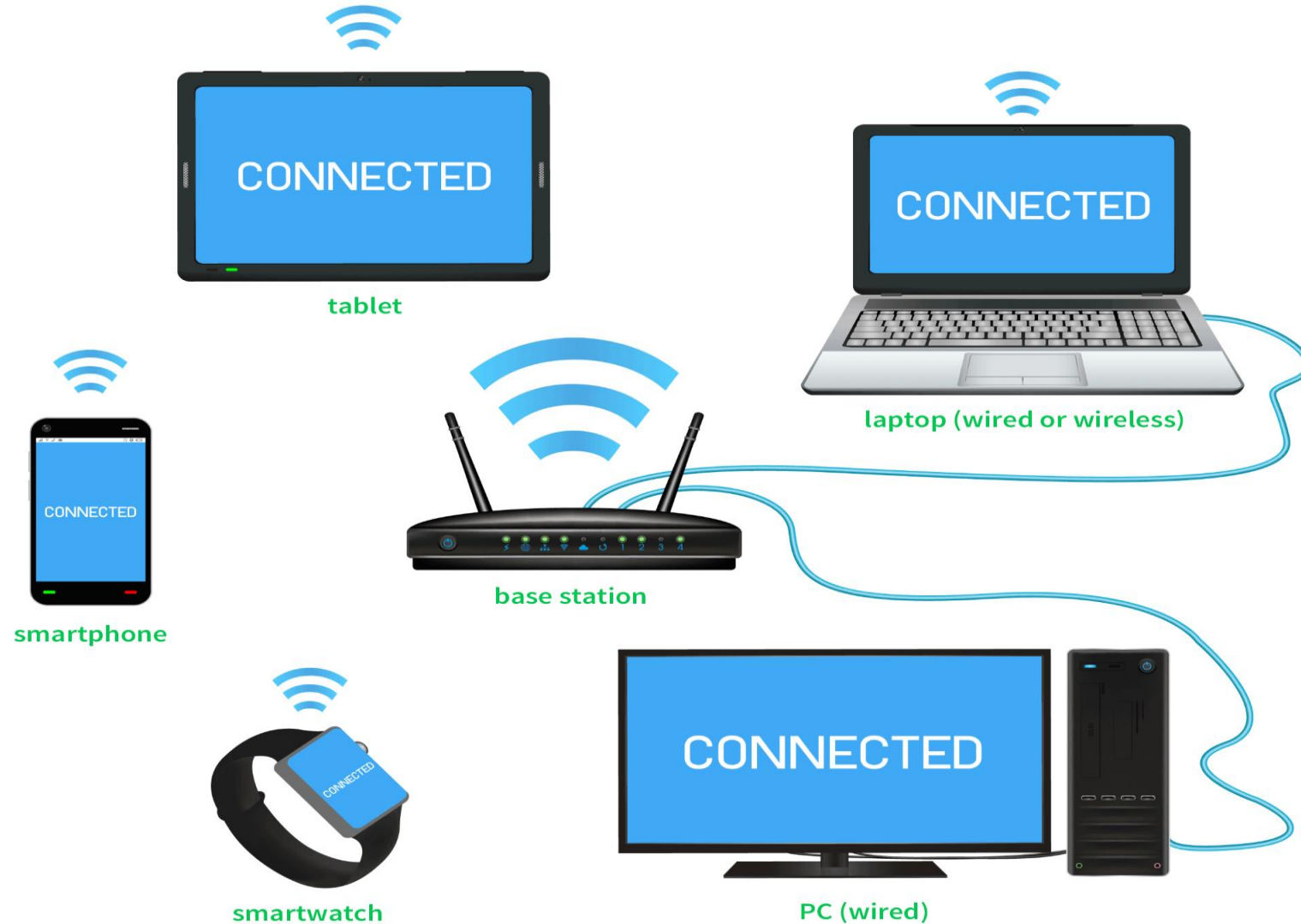


HUAWEI

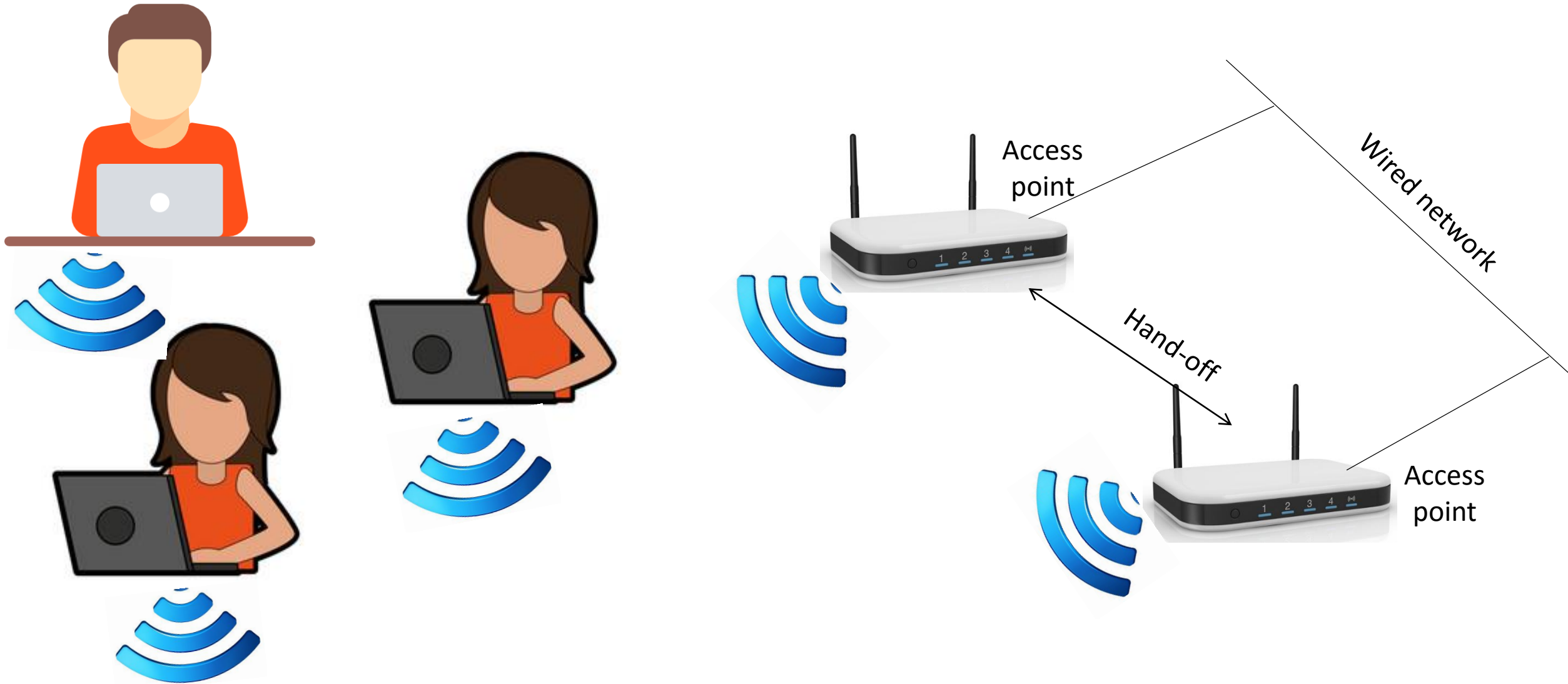
SAMSUNG

ALCATEL
onetouch®

Wireless Local Area Networks (WLANs)



Architecture of WLANs



Types of wireless LANs

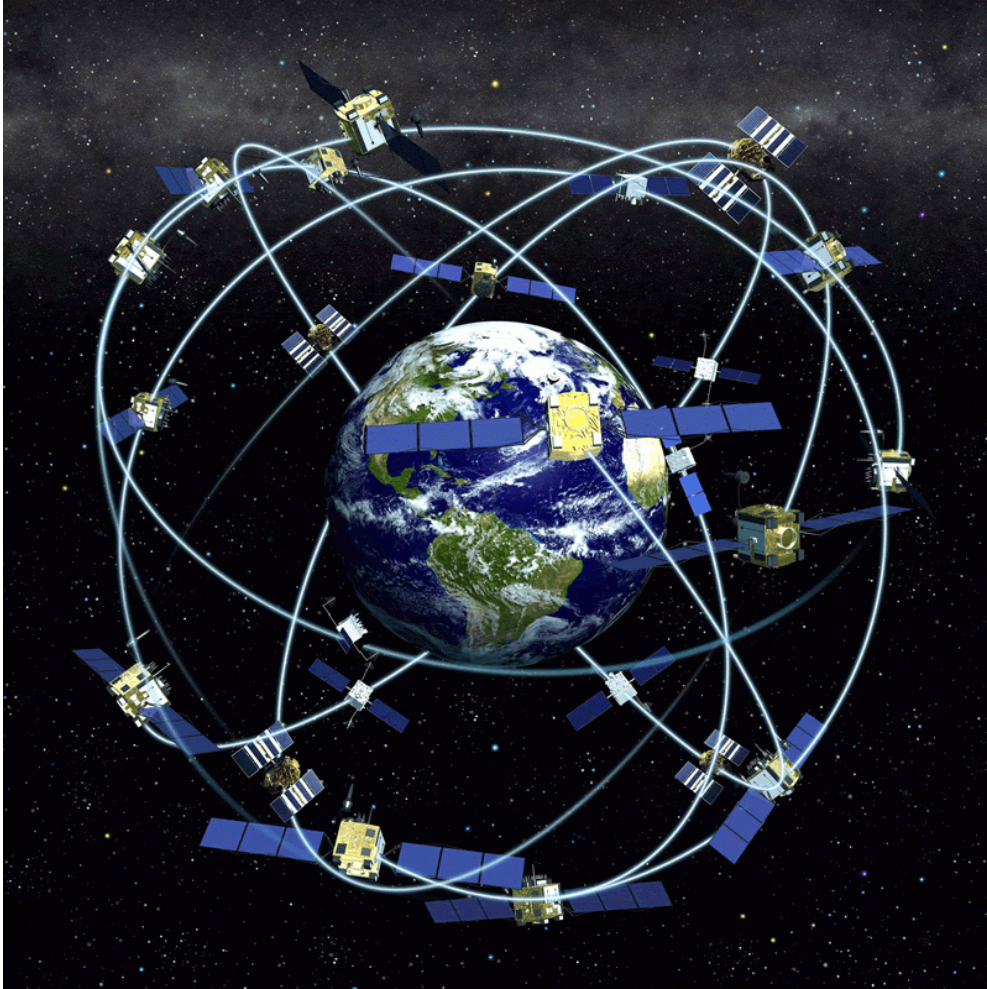
- Infrastructure
- Peer-to-peer
- Bridge
- Wireless distribution system
- Roaming:
 - Internal Roaming
 - External Roaming:



Bluetooth



Wireless Communications



**Global Positioning System (GPS)
E911 Act**

Future of Wireless Internet



**Implications for
Disabled People
Ultimate Wireless
Device**

What's next?

Next Lecture: Internet Security



Thank you!

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