

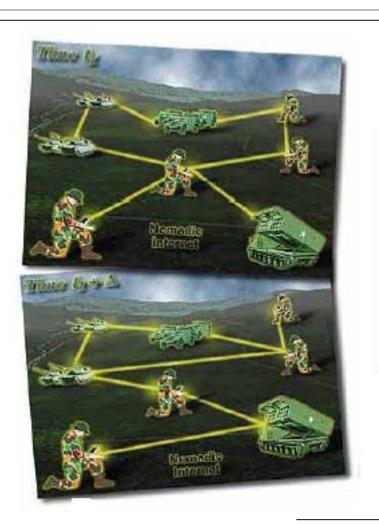
## Mobile Ad Hoc Network Application

EBU721U: Ad Hoc and Broadband Wireless

Dr. Yan SUN (Cindy)

#### Scenario: Battlefield





Defense applications

Comms-on-the-move

Reconfiguration

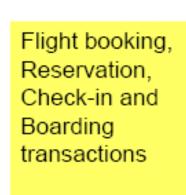
Data transport

Spy

Attack

### Scenario: Travelling





Via

Wireless Multi-hop Communications



#### Scenario: In the office



System
Synchronisation
of office computer
to device and
vice versa

Via

Wireless Multi-hop Communications



#### Scenario: Location-based Mobile Services





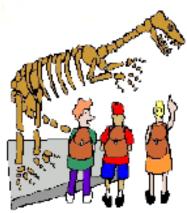


- buy tickets online
- current show time
- today's programs



#### AT SHOPPING MALL

- online catalog
- price comparisons
- buy online

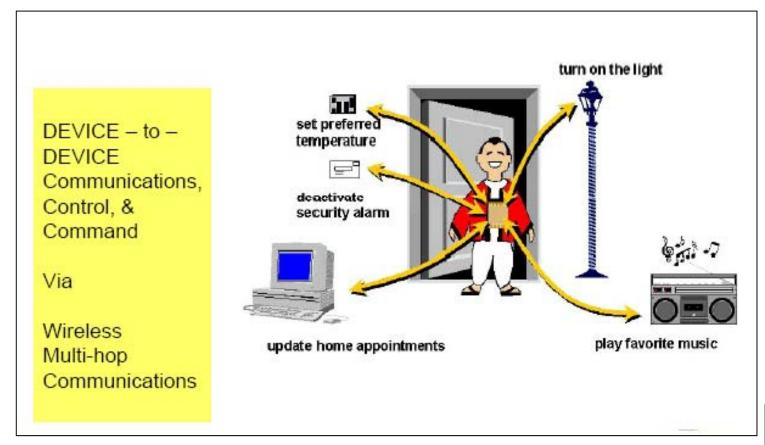


#### AT MUSEUM

- information
- automatic guided tour

#### Scenario: Arriving Home



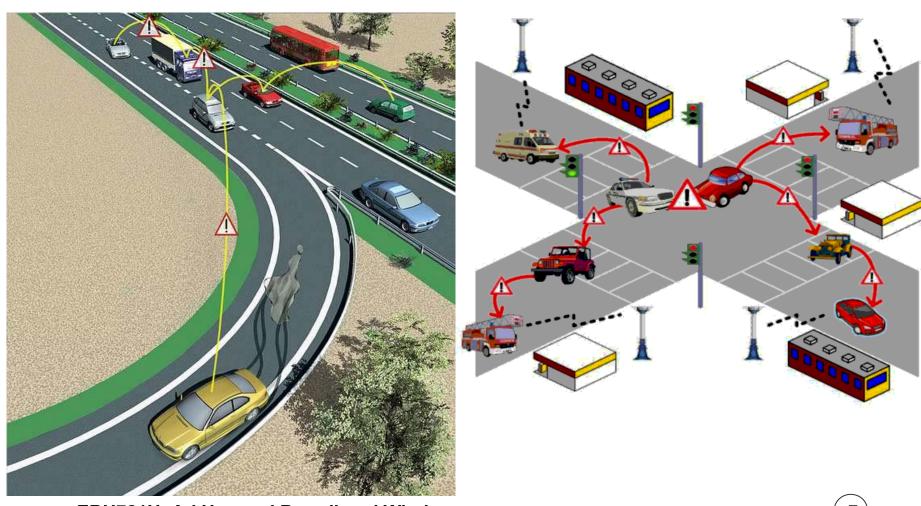


Video source: Youku



# Vehicular Ad hoc Network (VANET) Queen Mary University of London





# Smart Lecture under Ad hoc Network Queen Mary University of London







### Habitat Monitoring

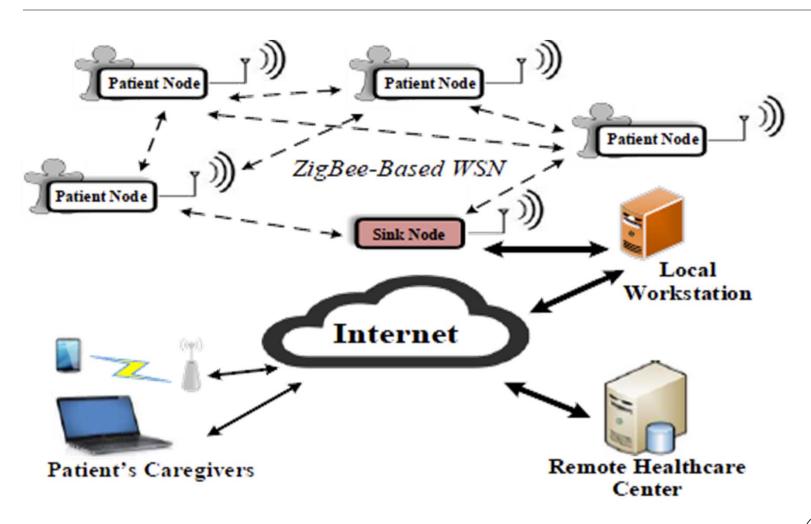






#### E-Health Systems









## What else you can think of?