

# Mobile WiMAX

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# WiMAX vs. WiFi

- More capacity and less latency
- Better congestion handling
- A licensed piece of spectrum finally!
- MIMO from the start for better signal handling
- More efficient power consumption
- Better in-building penetration
- Better QoS

# WiMAX isn't perfect

- No single global licensed spectrum piece everywhere
- You get 70 Mbps or 100 mile ranges, but not both (more like 10 and 10)
- Still not great for use in moving vehicles
- Mobile chipsets are just now being incorporated into offerings – but not laptops yet
- 3G and 4G Cellphone networks could do almost the whole job
- Its own universe of different 802.16 conflicting standards

# Deployed networks

- [http://en.wikipedia.org/wiki/List of Deployed WiMAX networks](http://en.wikipedia.org/wiki/List_of_Deployed_WiMAX_networks)

# Our panel

- Rehan Jalil, WiChorus CEO
- Arthur Giftakis, Towerstream VP Ops
- Cathy Zatloukal, MobileAccess CEO
- Bernard Aboussouan, Sequans VP Marcom
- And your humble moderator, David Strom

# Questions for the panel

- What is the relationship between WiMAX, cellular, and Wi-Fi?
- When will WiMAX reach a critical mass that mobile users can depend upon?
- How far behind fixed WiMAX is the mobile version?

# More questions

- Can Mobile WiMAX work well inside buildings?
- What is the chipset status?
- When will it replace WiFi, and which apps will win first?