Ad-Hoc Networking – Fact or Fiction?

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Commercial Opportunities

- Conferencing
- Home networking
- Emergency services
  - ambulance
- Hospitals
- Embedded computing applications
  - computers everywhere with short-range interactions
- Liberate users from the subnet yoke
- Automotive/PC interaction

Technical/Market/Political hurdles

- Scalability
- Power budget vs. latency
- Protocol deployment
- Wireless data rates
- Obsoletes the client/server model
- ... and, thus, breaks a *lot* of protocols
- User education, acculturation
- Antenna inconvenience
- Higher bit-error-rate (BER)
- Additional security exposure
- Perceived dependence upon heavy, short-lived batteries
- Non-ubiquitous coverage
- Incompatible standards