

# Wireless Networking: Issues and Trends



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1. Top 10 Recent Networking Developments
2. Wireless: History
3. Life Cycles of Technologies
4. Wireless Industry Trends
5. Wireless Research Trends

# Top 10 Recent Networking Developments

1. Large investments in Security: Message Aware Networking  
⇒ All messages scanned by security gateways
2. Wireless (WiFi) is spreading (Intel Centrino)
3. More Cell phones than POTS.  
Smart Cell phones w PDA, email, video, images ⇒ Mobility
4. Broadband Access is growing faster than cell phones
5. Ethernet extending from Enterprise to Access to Metro ...
6. Wiring more expensive than equipment ⇒ Wireless Access
7. Voice over Internet Protocol (VOIP) is in the Mainstream  
VOIP over Broadband/Wi-Fi/Cellular
8. Multi-service IP: Voice, Video, and Data
9. Terabyte/Petabyte storage (Not VoD)  
⇒ High-Speed Networking
10. Gaming: Internet and wireless based