



Stagnation of deploying of 4G and beyond

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- Are you using 3G?
- How do you use 3G phone other than making voice call?
- Why not are you using 3G phone as a media that provide internet connectivity?
- What is 4G?

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Broadband Wireless Access: BWA

1G,2G,3G and 4G

- ITU based technology
- Developed by cellular phone carrier
- Major task:
 - Provide reliable voice call
- Data communication functions are added based on voice network
- Market deployment lead by telecom carrier

BWA (WiMAX)

- IEEE based open standard
- Developed by ICT industry
- Major objective
 - Provide broadband mobile communication capability to the Internet access
- Designed to work with existing Internet technology transparently
- Market deployment will be driven by user

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What is 4G?

- Environment that will be provided by combination of several wireless technologies
 - PAN/LAN/MAN/WAN
- Will be required seamless and transparent communication to the Internet
- Key factor
 - Spectrum allocation policy
 - Business model
 - Scalability (cost, performance, etc.)

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