



THE BROADBAND WIRELESS ERA

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Welcome to BAWUG!




Current Environment



- Wi-Fi ramping → 700M Users
- Functioning, competitive ecosystem
- Viral elements continue
- Global spectrum issues ‘OK’
- Wi-Fi usage, business models make progress per expectation
- Skepticism on WiMAX ≈ Skepticism on Wi-Fi circa 2001
- FTTH, FTTO largely stalled due to OpEx

The Next 2-3 Years

- .11a/b/g joined by .11n, MRC/MIMO
- Wi-Fi for video in home moves → mainstream
- 3G network(s), including EDGE, increase cellular data rates
- Spectrum frees up for BBW



The Next 2–3 Years WiMAX

- 2005: Wireless DSL, critical phase
- 2006: .16e, many new players
- Mobility – Major contention issue
- Spectrum – Still fuzzy

Overall

- So far, Reality \approx Expectations
- Significant \$ flow into BBW
- Clear path for 10+ years of continued technology improvement
- IEEE Wireless best bet for connecting next 3 billion people