WiMAX Update
From Beijing, China Meeting
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http://www.wimaxforum.org

Beijing Plenary Message

• WiMAX Delivers on its Promise
  – Live applications over fixed 802.16 2004 equipment
  – 2nd Plugfest in Beijing a success in collaboration with CATR, ETSI, Cetecom
  – Certified products ship this quarter
• WiMAX is getting market acceptance
  – WiMAX Forum membership growth accelerating >350
  – Over 150 operators trialing and deploying WiMAX
• WiMAX Fast Forward
  – 16e to deliver Personal Broadband
  – Close out on 16e Mobile WiMAX profile by Q4 05
  – Korea launching WiBRO services in Pusan week of November 14th announcing WiBRO services will use Mobile WiMAX Certified Product when available in either late 06 or early 07
The WiMAX Forum Membership
4 Years and Growing!

356 WiMAX Forum Members
- 86 Ecosystem/Applications/Content
- 121 Service Providers
- 71 System Vendors
- 78 Silicon/Component Suppliers

Spring 2004 to Today

WiMAX Standards Development Overview

IEEE 802.16 Working Group
- 802.16 Mobile Amendment
- 802.16-2004-Cort1 Corrigenda
- 802.16h – Fixed MIBs, 802.16g – Management, 802.16i – Mobile MIBs
- LE Task Group
- MMR Study Group

IEEE 802.16 Standards Working Group Structure & Deliverables

WIMAX Forum Board
- Service Provider Working Group (SPWG)
- Applications Working Group (AWG)
- Network Working Group (NWG)
- Technical Working Group (TWG) (MTG)
- Certification Working Group (CWG)
- Regulatory Working Group (RWG)
- Marketing Working Group (MWG)

WIMAX Forum Org Structure & Deliverables
- Mobile System Requirements
- Application Requirements/Demos
- Mobile Network Specifications
- Mobile Air Interface Profiles & Tests based on 802.16e
- Mobile WiMAX Certification Testing
- World Wide Spectrum Policy
- Marketing, Communications
Technology & Standards Evolution

2005-2010: Various technology choices in non-cellular spectrum
2010+: 4G Technology expected to be OFDMA based

Source: Rysavy Research

WiMAX Forum-Wide Spec Release Roadmap

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WiMAX Certification Roadmap

- 802.16-2004 Lab Opens
- Air protocol Certification - Outdoor
- Service Certification - Outdoor
- Indoor Certification
- 802.16e Lab Opens
- 802.16e First Certification

- 2005
  - 802.16-2004 Lab Opens: July 2005
  - Air protocol Certification - Outdoor: Q4 2005

- 2006
  - Service Certification - Outdoor: Q2-4 2006

- 2007