

## WiMAX Forum News

### Weekly Clip Report January 5-12

#### Articles of Note

**Users urged to beef up WiMax security**, January 10, ComputerWeekly.com

In a report on WiMax deployments, analyst firm ABI Research said, "Contrary to many users' expectations, WiMax does have a number of security vulnerabilities. The need to plug those gaps in its defences creates attractive revenue opportunities for security solutions vendors." ABI analyst Stan Schatt said, "Early Wi-Fi users enjoyed a false sense of security until there were some well-publicised hacking exploits. The WiMax Forum industry body has emphasised how much more secure WiMax is than early Wi-Fi. As a result, there may be WiMax customers who are similarly lulled into a false sense of security."

<http://www.wimaxday.net/site/newsletter>

<http://www.itnews.com.au/newsstory.aspx?ClaNID=44129&src=site-marg>

<http://www.cellular-news.com/story/21242.php>

**CES 2007: MobiTV debuts mobile WiMAX TV service**, January 10, TechDigest.com

At this year's CES MobiTV is demonstrating what it claims is the first TV service for the mobile WiMAX platform. The technology enables mobile WiMax operators, such as mobile phone and broadband service providers, to offer premium TV content over a super fast 802.16e network, rather than a conventional 3G network.

[http://techdigest.tv/2007/01/ces\\_2007\\_mobitv.html](http://techdigest.tv/2007/01/ces_2007_mobitv.html)

#### WiMAX Forum Member Company News

**Sprint, Nokia Sign WiMAX Pact**, January 5, WirelessWeek.com

Sprint Nextel has enlisted Nokia as its latest WiMAX vendor. As part of the agreement, Sprint and Nokia will work to jointly develop mobility services and applications. In August, Sprint committed to using mobile WiMAX for its next-generation network. At the time of the announcement, the carrier said it would use infrastructure and devices from Samsung and Motorola. One of the main reasons Sprint decided to go with mobile WiMAX is that the technology is supported by a host of vendors - not the case with Flash-OFDM technology.

<http://www.wirelessweek.com/toc-newsat2direct/01/05/07?starting=2>

[http://telephonyonline.com/wimax/news/sprint\\_nokia\\_wimax\\_010507/](http://telephonyonline.com/wimax/news/sprint_nokia_wimax_010507/)

<http://www.foxnews.com/wires/2007Jan09/0,4670,FinlandNokiaSprintNextel,00.html>

<http://www.broadcastnewsroom.com/articles/viewarticle.jsp?id=95400>

<http://mrtmag.com/briefs/inthefield/motorola-chicago-wimax-010907/>

<http://www.wirelessweek.com/toc-newsat2direct/01/09/07?starting=4>

[http://www.eetasia.com/ART\\_8800448413\\_480200\\_116a2c08200701.HTM](http://www.eetasia.com/ART_8800448413_480200_116a2c08200701.HTM)

[http://www.unstrung.com/document.asp?doc\\_id=113890&WT.svl=news2\\_2](http://www.unstrung.com/document.asp?doc_id=113890&WT.svl=news2_2)

**CES: Sprint Streams WiMax**, January 10, Light Reading

Sprint Nextel Corp. is continuing to push ahead with its ambitious mobile WiMax plans despite recent financial wobbles. The operator has been running live demos of the technology here at CES and now plans to initially launch in four cities -- rather than two -- in 2007. The cities are Baltimore, Chicago, Washington, and an as yet undecided major metropolitan market.

[http://www.lighreading.com/document.asp?doc\\_id=114349](http://www.lighreading.com/document.asp?doc_id=114349)

**Sprint: \$55 WiMax**, January 10, BroadbandReports.com

A Sprint executive says the company could charge customers about \$55 a month to connect multiple devices to a WiMax network the company is planning, which, as we mentioned yesterday, should see commercial launch in early 2008 and should offer speeds (at first) of around 2-4Mbps. "I absolutely believe that a single subscription on a single device will not work. So what you have to have is a subscription that allows for multiple devices," Atish Gude, senior vice president for Sprint's mobile broadband unit, said in an interview at the Consumer Electronics Show in Las Vegas.

<http://www.broadbandreports.com/shownews/80861>

**Motorola lands Chicago-based WiMAX deployment**, January 9, MRTmag.com

Sprint Nextel awarded Motorola the Chicago market for the buildout of its WiMAX wireless broadband service. Motorola will deploy a WiMAX infrastructure to at least 1000 sites in the greater Chicagoland area, with select area coverage for Sprint Nextel's existing EV-DO network, according to the company. Initial service is expected to begin in late 2007, with the commercial launch set for the first half of 2008. Motorola also is participating in WiMAX equipment and software trials at Sprint Nextel's Herndon, Va.-based 4G laboratory.

<http://mrtmag.com/briefs/inthefield/motorola-chicago-wimax-010907/>

<http://washington.bizjournals.com/kansascity/stories/2007/01/08/daily4.html>

**Green lights for WiMAX from Madurai to Moscow**, January 12, WiMAX

Day

An increasing number of cities and municipalities around the world are turning to WiMAX technology to provide data transport in the management of road congestion and traffic analysis. This week, Russian WiMAX operator Synterra announced that it has begun to work with the Department of Transport in Moscow to deploy a WiMAX solution that aids in the management of traffic.

<http://www.wimaxday.net/site/newsletter>

**3.6 GHz license awarded in Jordan**, January 12, WiMAX Day

In Jordan the Telecommunications Regulatory Commission (TRC) announced this week that in addition to the license that was granted to Batelco for 3.5 GHz, the TRC has awarded a license for Fixed Broadband Wireless Access (FBWA) to ATCO Clearwire in the 3.6 GHz frequency. According to a press release issued by the TRC, ATCO made a winning bid of JD 5.5 million (\$7.7 million USD). Both the 3.5 and 3.6 GHz frequencies were auctioned in lots of 28 Mhz each for the area in and around Amman, the capital city, and 14 Mhz in areas outside of Amman. A second round of auctions is intended to occur in six months that will assign the same amount of spectrum.

<http://www.wimaxday.net/site/newsletter>

**India should adopt WiMAX soon: Experts**, January 11, ZeeNews.com

India should adopt the new WiMAX mobile broadband technology to effectively connect the rural as well the urban side, industry experts said today. The large companies like Intel, Motorola, Airtel and Nokia should adopt 16 equipment technology like that of WiMAX for spreading broadband services in the country, Stanford University professor A Paulraj said at an ASSOCHAM conference.

<http://www.zeenews.com/znew/articles.asp?rep=2&aid=347169&ssid=54&sid=BUS>

**Aircel to deploy WiMAX networks across Northern and Eastern India**, January 9, RF Design

Alvarion Ltd. has announced that Aircel Business Solutions (ABS), a subsidiary of leading Indian cellular service provider Aircel, is expanding its current network and planning to use BreezeMAX 3300 to deploy WiMAX networks across 50 cities in northern and eastern India.

[http://rfdesign.com/next\\_generation\\_wireless/news/aircell\\_deploys\\_wimax\\_019/](http://rfdesign.com/next_generation_wireless/news/aircell_deploys_wimax_019/)

**BSNL and Aperto deploy India's First Certified WiMAX Network**, January 8, Express Computer Online

Aperto Networks, builder of WiMAX base stations and subscriber units, announced today that BSNL, has begun rolling out Aperto's carrier-grade, WiMAX Forum Certified products. The deployment of PacketMAX base stations and subscriber units across six cities and four rural areas in India comes as a result of Aperto's successful bid in response to a BSNL tender that was issued in late 2004.

<http://www.expresscomputeronline.com/20070108/market06.shtml>

#### **Alvarion Hooks Up with Taiwan's Accton for WiMAX CPE, January 9, WirelessWeek**

Core WiMAX gear developer Alvarion has formed a joint venture with Accton Technology, a Taiwan-based network equipment maker, to produce mobile WiMAX devices. The companies say they expect IEEE 802.16e-2005-based products, including PCMCIA cards along with indoor and outdoor residential gateways, to begin shipping in the second quarter of 2007. The joint venture will be called Accton Wireless Broadband (AWB) and will be based in Taiwan.

<http://www.wirelessweek.com/toc-newsat2direct/01/09/07?starting=11>

### [General WiMAX News](#)

#### **Final stage of 3.5 GHz consult in Egypt, January 12, WiMAX Day**

The National Telecommunication Regulatory Authority (NRTA) in Egypt has announced that the final phase of the consultation process of Broadband Wireless Access (BWA) regulation will be held on January 24th. On this date, representatives of the NTRA will discuss the consultation process and analyse the replies received to date. The consultation process is being conducted in preparation for the issuance of licenses to 3.5 GHz frequencies later this year. The NTRA has thus far received 23 responses to the consultation.

<http://www.wimaxday.net/site/newsletter>

#### **WiMAX, metro Wi-Fi beat cellular for power efficiency, January 11, EE Times**

WiMAX and metro Wi-Fi are both more energy cost effective than cellular, according to a report by ABI Research (London, U.K.). The observation comes into stark relief against the backdrop of rapidly-increasing energy consumption as carriers move to high-data-rate mobile broadband access. For those broadband networks, energy costs represent the third most significant operating expense (OPEX) for cellular carriers, and fluctuating energy costs are a significant area of concern for business planners, said the report entitled, "Energy Efficiency Analysis for Mobile Broadband Solutions." The move to higher data rates means that the energy required per subscriber arising from increasing data uptake will push per-subscriber energy OPEX for cellular solutions past acceptable barriers—unless carriers move from a traditional cellular-only approach to one that integrates WiMAX and metro Wi-Fi.

<http://www.eetimes.com/news/latest/showArticle.jhtml?articleID=196900193>

<http://www.cellular-news.com/story/21359.php>

#### **Italy to roll out WiMAX, January 10, Ovum.com**

Earlier last week Italy's minister of Communications Paolo Gentiloni and the minister of Defence Arturo Parisi agreed on a plan for the deployment of WiMAX-related technologies in Italy, to begin in mid-2007. Reportedly, 3.5GHz frequency lots would be made available to the market players according to a detailed 'roadmap', which the two ministries will make public by the end of February.

<http://www.ovum.com/news/euronews.asp?id=5242>