

**WiMAX Forum News**  
**Weekly Clip Report February 2 – 9**

[Articles of Note](#)

**Will Mobile Wimax Replace Wifi?**, February 3, muniwireless.com

The question of whether WiMAX will replace WiFi is highly controversial. This topic is being batted around the industry, and I can't resist discussing my views (and hearing your thoughts). The stakes are high. Big companies like Intel are making mobile WiMAX chips, and carriers such as Sprint Nextel are moving forward with large-scale mobile WiMAX deployments. However, there's already a huge installed base of WiFi networks. After performing pre-installation site survey work in partnership with Civitium for various large cities throughout the U.S., for instance, I've found that there are tens of thousands of WiFi networks distributed throughout homes and businesses within large cities.

<http://www.muniwireless.com/article/view/5613/>

**WiMax Patent Activity**, February 4, Broadbandreports.com

WiMaxxed reports that "a new report from WTRS finds dramatic growth surge in WiMax patent activity", with the number of patents listed in the company's directory increasing from 50 last year to nearly 500 this year. This is reported to be an indicator of future increased growth of WiMax, particularly for bundle offers, with analysts suggesting that the "Wireless Triple Play industry will be dominated by WiMax in both fixed and mobile forms.

<http://www.broadbandreports.com/shownews/81424>

[http://www.wimaxxed.com/wimaxxed\\_news/20070203/explosive\\_growt.html](http://www.wimaxxed.com/wimaxxed_news/20070203/explosive_growt.html)

**ITU Set To Make Wimax A 3G Standard**, February 4, asteriskvoineews.com

There is a good chance that the International Telecommunication Union (ITU) will allow mobile WiMAX to be included in its range of 3G technologies, collectively known as IMT-2000. Such a move would bring considerable benefits by allowing WiMAX to operate in globally allocated frequency bands, allow it to be used to complement other 3G technologies, enable global roaming and reduce equipment costs.

[http://www.asteriskvoipnews.com/wimax/itu\\_set\\_to\\_make\\_wimax\\_a\\_3g\\_standard.html](http://www.asteriskvoipnews.com/wimax/itu_set_to_make_wimax_a_3g_standard.html)

<http://www.itwire.com.au/content/view/9196/127/>

<http://hip2b2.yutivo.org/2007/02/05/wimax-the-next-3g-standard/>

**Maravedis First Research Firm to Receive Approval for Its ClearSpectrum WiMAX Licensing Database from WiMAX Spectrum Owners Alliance (WiSOA)**, February 7, Broadband Wireless Exchange.com

Maravedis Inc. announced that its ClearSpectrum Licensing Database has received official endorsement by the WiSOA. This is the first time WiSOA gives its official seal of approval to a research report.

"WiSOA is pleased to provide its endorsement to ClearSpectrum," said Patrick Cruise O'Brien, WiSOA's secretary general. "Clear, concise and complete information difficult to find in the WiMAX industry. We feel that a reliable database such as ClearSpectrum will greatly enhance market knowledge worldwide."

<http://www.bbwexchange.com/pubs/2007/02/07/page1423-447178.asp>

<http://www.wimaxday.net/site/2007/02/06/wisoa-endorses-clearspectrum-database/>

<http://www.80216news.com/pubs/2007/02/07/page1299-447178.asp>

**IBM Joins the Wimax Forum**, February 6, TMC.net

IBM announced recently they have become a member of the WiMAX Forum, an organization that facilitates the global adoption of standards-based, interoperable WiMAX products for the delivery of broadband mobile Internet services. Our membership reaffirms IBM's commitment to helping our service provider community deliver anytime, anywhere, converged communications," commented Don Lopes, vice president, IBM Global Services telecommunications industry in a statement. "We want to continue to support WiMAX as it evolves and becomes more established in the marketplace."

<http://www.tmcnet.com/wifirevolution/articles/4909-ibm-joins-wimax-forum.htm>

**Our Wimax Future**, February 6, ITP.net

WINDOWS: What do you imagine will be the key trends during 2007? Rahman: "Last year we saw an interesting transformation in the connectivity world, with more and more devices going online; things like handhelds and smaller form factors obviously in addition to your typical notebook device. We've seen that trend begin and we think this is the beginning of a longer, hopefully broader adoption of what we call 'broadband on the go'. "The other thing we're seeing is the creation of content and the definition of technology by end users; the 'YouTube phenomenon'.

<http://www.itp.net/features/details.php?id=5866&category=>

**Cameroon Meeting Puts Wimax On The Fast Track For IMT-2000**, February 2, Wimaxday.net

The ITU Working Party 8F convened last week in sultry Cameroon for its meeting titled "IMT-2000 and systems beyond IMT-2000." The general consensus from delegates to the meeting is that WiMAX will soon become recognised as an IMT-2000 technology, and that decision process is now on the fast-track. IMT-2000 is a term used by the ITU to define globally recognised 3G technologies for use in IMT-identified radio frequency bands. The technologies presently recognised as IMT include WCDMA, CDMA2000, TD-CDMA, and EDGE.

<http://www.wimaxday.net/site/2007/02/02/cameroon-meeting-puts-wimax-onto-the-fast-track-for-imt-2000/>

**Mobile Wimax Chipmaker Beceem Raises \$40M**, February 7, GigaOm.com

Now that mobile WiMAX is starting to get some significant backing from interested carriers like Sprint Nextel, investment in mobile WiMAX hardware and chips is following suit. Last week it was Aperto Networks<sup>1</sup>, this week it's mobile WiMAX chip provider Beceem Communications<sup>2</sup>, which says it's raised<sup>3</sup> \$40 million in a Series D round, led by Teachers' Private Capital and joined by NEC Corporation. This latest round brings Santa Clara-based Beceem's total funding to almost \$100 million, and the startup has a long list of high profile investors that also participated in this round, including: Global Catalyst Partners, Intel Capital, Khosla Ventures, KTB Ventures, Mitsui & Co. Technology Investment Group, DoCoMo Capital, Samsung Ventures, Sequoia Capital, and Walden International.

<http://gigaom.com/2007/02/07/beceem-raises-40m/>

<http://www.bbwexchange.com/pubs/2007/02/08/page1423-449766.asp>

<http://www.80216news.com/pubs/2007/02/08/page1299-449766.asp>

<http://www.wimaxday.net/site/2007/02/08/beceem-raises-over-40-million/>

[http://www.unstrung.com/document.asp?doc\\_id=116600&WT.svl=news2\\_5](http://www.unstrung.com/document.asp?doc_id=116600&WT.svl=news2_5)

**Mobile Wimax - The 'Embedded Device' Business Model**, February 7, OVUM.com

One common theme was the sense that fixed WiMAX will be increasingly sidelined by its mobile cousin. Most vendors now see 802.16d as a niche deployment, unlikely to gain global scale. Instead, the mobile variant will be deployed even if the usage mode is essentially 'fixed' (that is, signal received via a roof antenna or fixed modem to a desktop). This is due both to the superior propagation qualities of OFDMA and also to the improved scale economies gained by focusing on the mobile platform. We believe this proposition makes a great deal of sense - particularly given the incompatibility between the two flavours of the technology.

<http://www.ovum.com/go/content/c.68835>

**HSPA to Dominate Mobile Broadband while WiMax goes Niche**, February 8, Cellular-news.com

With over 93 commercial networks in operation, HSPA is likely to account for the majority of investment in global mobile broadband networks over the next five years, finds a new study by Arthur D. Little. By comparison mobile WiMax will be a niche technology within the overall global mobile broadband wireless access market, likely to account for at most 15% of this network equipment market and perhaps 10% of mobile broadband wireless subscribers by 2011-2012.

<http://www.cellular-news.com/story/21894.php>

**Nethawk Introduces Industry's First Complete Solution For Mobile Wimax Protocol Simulation And Analysis**, February 9, BroadbandWirelessExchange.com

NetHawk product portfolio is growing with a complete protocol testing solution for mobile WiMAX. Time spent on network equipment development and trouble shooting can drastically be reduced thanks to advanced applications available in NetHawk frame work. NetHawk EAST offers a state-of-the-art platform for functional, conformance and load testing. NetHawk M5 with powerful Session Tracing and graphical statistics enables easy analysis of WiMAX traffic. NetHawk solution for mobile WiMAX will be launched in 3GSM World Congress in Barcelona.

<http://www.bbwexchange.com/pubs/2007/02/09/page1423-451211.asp>

<http://www.wirelessdesignasia.com/article.asp?id=4336>

<http://www.80216news.com/pubs/2007/02/09/page1299-451211.asp>

**Yet Another Study Dismisses Mobile WiMax**, February 8, Telecomweb.com

Yet another major analytical study has concluded that, despite all the hype, the technology being marketed as WiMAX is going to be just a niche player in the mobile wireless market over the next half decade. The latest study, by Arthur D. Little, compares High Speed Packet Access (HSPA) and WiMAX, and concludes WiMax will capture "at most 15 percent of this network equipment market and perhaps 10 percent of mobile broadband wireless subscribers by 2011-2012." The Little study strongly echoes the findings of other research houses including Strategy Analytics, which recently estimated that WiMAX would win at best 6 percent of the world market by 2010 (TelecomWeb news break, Nov. 22, 2006).

<http://www.telecomweb.com/tnd/21642.html>

**WiMAX Forum Member Company News**

**AT&T Gets 'Smart' About Office Parks**, February 2, telephonyonline.com

AT&T is taking an approach to serving new office parks within its 22-state local franchise territory that gets the company in on the ground floor--or lower. The AT&T Business SmartMoves program builds on relationships with major contractors to design telecom facilities for new office park complexes before they are built, based on predicted tenant requirements. This month, AT&T broke ground on the latest and one of the largest of its AT&T Business SmartMoves, the DuPage National Technology Park in West Chicago, a suburban community in DuPage County. The goal is to have state-of-the-art, high-bandwidth facilities available from day one.

[http://telephonyonline.com/broadband/news/att\\_smart\\_parks\\_020207/](http://telephonyonline.com/broadband/news/att_smart_parks_020207/)

**Samsung Snags D.C. WiMAX**, February 8, WirelessWeek.com

Sprint Nextel plans to launch its WiMAX service in Washington D.C. and Baltimore, Md., and has told Samsung it has the job of developing the wireless broadband network infrastructure for that launch. Last August, Sprint Nextel announced that it would work with Samsung on bringing the carrier's 4G initiative to markets. However, this is the first word of specific market awards. Sprint made its first live Mobile WiMAX data calls in the D.C. area Dec. 7, 2006, and is planning to deploy Mobile WiMAX base stations throughout Washington, D.C., Baltimore and northern Virginia to support its commercial deployment.

<http://www.wirelessweek.com/toc-newsat2direct/02/08/07?starting=11>

**Åre Network Deploys Redline's Redmax Wimax Network In Sweden**, February 8, Compactpci-systems.com

Redline Communications, a leading provider of standards-based broadband wireless equipment, today announced that Åre Network has chosen Redline's RedMAX™ products for one of the first WiMAX networks in Sweden. Åre Network will deliver high-speed Internet and VoIP services to thousands of consumers and businesses in the Jämtland region, the location of the 2007 FIS Alpine World Ski Championship.

DataEquipment, Redline's certified, Value Added Distributor in Nordic countries is providing local logistics and post-sales operations support to roll out the WiMAX Forum Certified™ RedMAX network.

<http://www.compactpci-systems.com/news/db/?5343>

**Intel Predicts Low-Priced Cpes And Wimax Laptops In 2008**, February 5, Wimaxday.net

Speaking at the MAIT Wireless World 2007 conference in India last week, Sean Maloney, chief of sales and marketing at Intel, stated that in 2007 Intel will put maximum effort into making WiMAX a global standard, and reducing the costs associated with customer premises equipment (CPE).

The Hindu Times reported that Mr Maloney, in his opening keynote address, predicted that WiMAX CPE prices would decrease from roughly \$100 today to \$40 by 2008. Lower cost CPE will be driven by a sharp uptake of consumer interest in WiMAX products over the next year.

<http://www.wimaxday.net/site/2007/02/05/intel-predicts-low-priced-cpes-and-wimax-enabled-laptops-in-2008/>

**Tektronix Expands Capabilities Of Mobile Wimax Protocol Test Solution**, February 8, BroadbandWirelessExchange.com

Tektronix, Inc. announced the availability of two dedicated Mobile WiMAX (802.16e-2005) test solutions: one for functional test and WiMAX infrastructure simulation based on expanded capabilities to the G35-WiMAX solution; and one for monitoring purposes based on the Tektronix Network and Service Analyzer (NSA) platform which adds troubleshooting and performance analysis capabilities to ensure the delivery of high quality and leading edge WiMAX solutions. Introduced as the only one of its kind in October 2006, Tektronix' G35-WiMAX solution has since proven its value in equipment manufacturer labs by enabling accelerated time-to-market and reduced time and development costs through the monitoring and in-depth decoding of R1 and R6 interfaces.

<http://www.bbwxchange.com/pubs/2007/02/08/page1423-449788.asp>

<http://www.80216news.com/pubs/2007/02/08/page1299-449788.asp>

**Broadcom Integrates Wi-Fi, Bluetooth And FM Onto Single Chip**, February 2, Wirelessweek.com

Broadcom announced the new chip today, which combines Wi-Fi, Bluetooth and FM receiver technologies onto a single silicon die. These three radios, combined with the low-power 65 nanometer system-on-a-chip, will let phone manufacturers take advantage of all three connectivity options and provide enhanced features on end products that are free of interference issues. This single-chip solution integrates IEEE 802.11a/b/g (MAC, baseband and radio), support for Bluetooth 2.0 plus enhanced data rate (EDR) that is upgradeable to version 2.1 and an advanced FM receiver.

<http://www.wirelessweek.com/toc-newsat2direct/02/02/07?starting=2>

<http://www.broadcom.com/press/release.php?id=957622&source=home>

**AT&T Gives Sneak Peak To Fashion Week Designs**, February 5, WirelessWeek.com

AT&T's wireless unit (formerly Cingular) gives customers exclusive access to designers, models, editors and style-makers on their mobile handsets. Fashion Week in New York kicked off over the weekend and top designers will be showing off their fall collections to the fashion cogniscenti. Meanwhile, subscribers to AT&T's wireless service will be able to receive same-day coverage on their cell phones. They also will have access to back-stage reports, celebrity parties and video coverage of all of the shows under the tents at Bryant Park.

<http://www.wirelessweek.com/toc-newsat2direct/02/05/07?starting=3>

**Riding The Nortel Wave**, February 5, TheHindubusinessline.com

The senior management of Nortel passionately believes that the IT/telecom industry is poised at a series of inflection points that will trigger the uptake of broadband (with video as a key driver) and connectivity between a plethora of IT, mobile and consumer electronic devices. In order to capitalise on this opportunity and emerge as a key player in the convergent era, Nortel is consciously focusing on fourth generation

mobile technology (loosely built on WiMAX), building its enterprise solutions strategy through its alliance with Microsoft and positioning itself as a key player in the services arena.

<http://www.thehindubusinessline.com/ew/2007/02/05/stories/2007020500120300.html>

### **Proxim Wireless Pioneers The Convergence Of Wi-Fi Mesh And Wimax With Introduction Of Meshmax Product Line**, February 5, ccnmattews.com

Proxim Wireless Corporation, a global pioneer of end-to-end solutions in Wi-Fi® mesh, WiMAX, WLAN, and wireless backhaul and wholly owned subsidiary of Terabeam, Inc. (NASDAQ: TRBM), today announced MeshMAX™, a new multi-radio product line that incorporates WiMAX, Wi-Fi mesh, and Wi-Fi access. Proxim MeshMAX™ products are available in both the unlicensed and licensed frequency bands. Proxim Wireless is the first company to enable the convergence of Wi-Fi mesh, WiMAX, and Wi-Fi access in a single integrated device. MeshMAX™ provides significant benefits to service providers, municipalities, and customers planning to deploy Wi-Fi mesh and WiMAX. MeshMAX™ enables a new deployment architecture that increases the capacity of mesh networks, simplifies their deployment, and provides outdoor mobility for the 300 million-plus Wi-Fi clients.

<http://www.ccnmattews.com/news/releases/show.jsp?action=showRelease&searchText=false&showText=all&actionFor=634074>

<http://www.wirelessweek.com/toc-newsat2direct/02/06/07?starting=5>

<http://www.proxim.com/about/pressroom/pressrelease/pr2007-2-05.html>

<http://www.wirelessweek.com/article/CA6413930.html>

[http://www.unstrung.com/document.asp?doc\\_id=116264&WT.svl=news2\\_3](http://www.unstrung.com/document.asp?doc_id=116264&WT.svl=news2_3)

<http://www.computerweekly.com/Articles/2007/02/07/221682/proxim-unveils-wimaxwi-fi-mesh-kit.htm>

<http://www.80216news.com/pubs/2007/02/07/page1299-446763.asp>

[http://www.unstrung.com/document.asp?doc\\_id=116264](http://www.unstrung.com/document.asp?doc_id=116264)

<http://www.linuxworld.com/news/2007/020807-proxim-combines-wifi-wimax.html>

### **Maxis Begins Mobile Wimax Trial With Motorola**, February 6, business.att.com

Worldwide Interoperability for Microwave Access (WiMAX) is an emergent technology that shows considerable promise to provide high speed, packet access to a variety of data and voice network services. Based on the same standards and radio frequencies that support wireless broadband transmissions, WiMAX technology offers broad worldwide availability and flexibility, making it suitable for mobility applications and last-mile/first-mile access where wired infrastructure is limited. It can be deployed rapidly and cost-effectively for use in "hot spots," disaster recovery situations, and wherever temporary high-speed, high-reliability communications are required.

[http://www.business.att.com/service\\_fam\\_overview.jsp?repopid=ProductSub-](http://www.business.att.com/service_fam_overview.jsp?repopid=ProductSub-)

[Category&repopitem=eb\\_wimax&serv\\_port=eb\\_access\\_and\\_local\\_services&serv\\_fam=eb\\_wimax&segment=ent\\_biz&pl\\_code=MATT10BC18642P523589B529312S0](http://www.business.att.com/service_fam_overview.jsp?repopid=ProductSub-Category&repopitem=eb_wimax&serv_port=eb_access_and_local_services&serv_fam=eb_wimax&segment=ent_biz&pl_code=MATT10BC18642P523589B529312S0)

[http://www.sda-asia.com/sda/news/psecom.id,13670,srn,4,nodeid,4\\_language,Singapore.html](http://www.sda-asia.com/sda/news/psecom.id,13670,srn,4,nodeid,4_language,Singapore.html)

### **Trial Run For Starts For Alcatel's Wimax Solution**, February 7, TheEconomicTimes.com

Country's two leading telecom operators have started the trial run of Wimax solution in Mumbai and Chennai developed by C-DoT Alcatel Research Center (CARC), a joint venture between the Centre for Development of Telematics (C-DoT) and Alcatel-Lucent. "Two Indian operators have started the trial run of our WiMax Rev-e end-to-end solution in Mumbai and Chennai," CARC CEO Patrick Veron said.

However, he refused to give the name of the operators saying: "we will make an announcement regarding this very soon." CARC is also developing customer premise equipment (CPE), which will be ready by middle of May. CPE would enable Wimax broadband services and is required to catch the radio signals to transmit and receive data on a PC.

[http://economictimes.indiatimes.com/News/News\\_By\\_Industry/Telecom/Trial\\_run\\_for\\_starts\\_for\\_Alcatels\\_Wimax\\_solution/articleshow/1576655.cms](http://economictimes.indiatimes.com/News/News_By_Industry/Telecom/Trial_run_for_starts_for_Alcatels_Wimax_solution/articleshow/1576655.cms)

**Motorola Concludes A Different Kind Of Triple Play**, February 7, Telecomweb.com

In a wireless-industry hat trick, Motorola completed its acquisition of Netopia Inc.; signed an agreement with Neotel in South Africa for RF planning of its WiMAX and CDMA networks; and made an equity investment in Tango Networks Inc., a privately held supplier of hardware and software that integrates mobile phones with corporate telephone networks. Netopia, for which Motorola announced its intentions last fall (TelecomWeb, Nov. 15, 2006), provides carrier-class broadband customer premise equipment (CPE), remote management software and services to telecom operators on a global basis. The Netopia transaction has a total equity value of approximately \$208 million on a fully diluted basis.

<http://www.telecomweb.com/tnd/21634.html>

**Neotel Signs Contract To Deploy Wimax And CDMA Networks And Establish New Wireless ISP In South Africa**, February 7, Broadband Wireless Exchange.com

Motorola, Inc. announced that it has signed an agreement with Neotel, South Africa's second national operator, for Radio Frequency (RF) planning of its WiMAX and CDMA wireless networks in South Africa. This is the first contract between Motorola and Neotel, and over a period of time, will encompass the RF planning for various wireless technologies including WiMAX and CDMA.

Ajay Pandey, Managing Director of Neotel said, "With its recognized technology leadership, Motorola is ideally placed to bring its vast global experience and competency to effectively support Neotel in achieving its ambitious growth objectives. We're proud to be the first alternative infrastructure based network provider in the telecoms sector in South Africa and are committed to offering our subscribers high quality, cost effective services. This agreement with Motorola is another important step in this direction."

<http://www.bbwxchange.com/pubs/2007/02/07/page1423-447180.asp>

<http://www.80216news.com/pubs/2007/02/07/page1299-447180.asp>

**Ericsson Licenses HSPA Technology To LG**, February 8, WirelessWeek.com

Ericsson has licensed its U360 platform to Korean handset maker LG Electronics. The mobile platform comes from Ericsson's high speed packet access (HSPA) product family and will eventually find its way into 3G mobile phones. The U360 is a tri-band WCDMA platform that provides 3.6 Mbps HSDPA and quad-band GPRS/EDGE support. According to Ericsson, its low power consumption will allow handset makers to design ultra-small HSPA phones for consumers.

<http://www.wirelessweek.com/toc-newsat2direct/02/08/07?starting=10>

**Nokia Beefs Up S60 Support**, February 8, WirelessWeek.com

Nokia has taken a handful of steps to speed the development and deployment of Symbian Series 60-based applications by releasing the new Feature Pack 2 tools and collaborating more closely with carrier partner T-Mobile. T-Mobile, looking to harmonize the software solutions across its handset portfolio, has agreed to work with Nokia to bring core services to market and improve the ability of S60 licensees to develop for T-Mobile. Helping this collaboration is the release of Feature Pack 2 for S60 developers. By bringing the Open C extension to the C++ development environment, applications and services for S60 devices will be created faster and cheaper.

<http://www.wirelessweek.com/toc-newsat2direct/02/08/07?starting=9>

**Samsung Will Deliver The First Wimax Service For Sprint Nextel**, February 8, WiMaxDay.net

Samsung Electronics announced today that it will launch the first WiMAX networks for Sprint Nextel in American later this year. This announcement comes one month after Sprint Nextel announced its WiMAX strategy and the initial plan of its network deployment. "Sprint Nextel is currently planning the network infrastructure for this market, with plans to initially deploy Mobile WiMAX base stations covering Washington DC, Baltimore, and northern Virginia," said a press release from Samsung. Apparently testing began in these markets in December 2006. The Samsung announcement states that its network equipment and devices were used to make the first live mobile WiMAX data calls from the market, and testing high-speed data and video streaming.

<http://www.wimaxday.net/site/2007/02/08/samsung-will-deliver-the-first-wimax-service-for-sprint-nextel/>

**Nortel Demos First MIMO 4G-Enabled Technologies with WiMAX, LTE**, February 9, 8012news.com  
Nortel (NYSE/TSX:NT) will challenge the industry to deliver the 4G "Lifestyle" through broad implementation of next-generation, high-speed technologies essential to delivering real-time mobile services such as video and high-definition TV broadcasting. Nortel will showcase its 4G technologies at 3GSM, the worlds largest global show for mobile operators, to be held in Barcelona, Spain February 12-15. Nortel is leading development of new 4G and converged architectures that allow operators to deliver disruptive new services, creating a fourth-generation lifestyle of high-speed, high-quality mobile communications.

<http://www.80216news.com/pubs/2007/02/09/page1299-451335.asp>

<http://www.bbwxchange.com/pubs/2007/02/09/page1423-451335.asp>

**Nortel Outlines Next Steps in Business Transformation Plan**, February 9,  
BroadbandWirelessExchange.com

Nortel outlined the next steps of its previously announced Business Transformation plan, designed to complement growth initiatives by increasing the Companys global competitiveness and achieving double-digit operating margins. During the course of 2007 and into 2008, Nortel is expected to implement a net reduction of its global workforce by approximately 2,900 positions, with about 70 percent taking place in 2007. In addition, the Company plans to shift approximately 1,000 positions from higher-cost to lower-cost locations, with approximately 40 percent of this activity taking place in 2007. These reductions will not affect sales positions in targeted growth areas.

<http://www.bbwxchange.com/pubs/2007/02/09/page1423-450106.asp>

**Sprint Launches New Wireless ISP Network in Alabama Based on EVDO Technology**, February 9,  
BroadbandWirelessExchange.com

Sprint announced expansion of its high-speed wireless network, the Sprint Mobile Broadband Network, to Auburn and Dothan. Sprint wireless customers will be able to use a variety of devices, including handsets and connection cards, to access information, download songs over-the-air, watch live and on-demand television programming and check and send e-mails at broadband-like speeds. Sprint Mobile Broadband launched in Birmingham in 2005.

<http://www.bbwxchange.com/pubs/2007/02/09/page1423-452081.asp>

**Sprint Nextel; Motorola**, February 6, Press Portal

Sprint Nextel, Intel, Motorola, Samsung and Nokia to Demonstrate Feb. 12-15, 2007. 3GSM World Congress 2007, Barcelona, Spain at the Fira de Barcelona - Montjuic; Hall 1, Booth C49. Sprint Nextel ,Intel Corporation, Motorola, Samsung and Nokia teams will showcase mobile WiMAX in a jointly operated booth at the 3GSM World Congress 2007. Two major themes being addressed at 3GSM World Congress 2007 are the increasing demand for a Mobile Internet and multimedia content at any time and on any device for seamless mobility and mobile Internet demands for multi-megabit speeds and cost, performance and content improvements.

<http://www.presseportal.de/story.htx?nr=937600>

<http://www.assodigitale.it/content/view/4441/31/>

**Radvision® and Nortel Team To Demonstrate Interactive Mobile Video Services on WiMAX at 3GSM World Conference 2007**, February 8, Telephonyworld.com

RADVISION, a leading provider of video network infrastructure and developer tools for unified visual communications over IP, 3G, and emerging next-generation IMS networks, today announced that interactive video applications based on RADVISION's SCOPIA Interactive Video Platform are being demonstrated along with Nortel's WiMAX Solution at the 3GSM World Conference 2007 in Barcelona. The SCOPIA Interactive Video Platform, targeted for the operator and service provider, makes possible new and exciting wireless multimedia communication services, which combine different sources of video from wireless 3G

Devices, WiMAX devices, PCs, surveillance cameras and streaming content network sources, such as pre-recorded and live broadcasts.

<http://www.telephonyworld.com/cgi-bin/news/viewnews.cgi?category=all&id=1170981590>

### **Ukrainian High Technologies Using Alvarion's BREEZEMAX To Build First Commercial WiMAX Network in Ukraine**, February 8, Telephonyworld.com

Alvarion Ltd. the world's leading provider of wireless broadband and WiMAX solutions, today announced that telecommunications provider Ukrainian High Technologies Ltd. (UHT) is using its BreezeMAX 3500 to build the first commercial WiMAX network in the Ukraine. Building on successful deployments in Kiev and Kharkov, UHT plans to use its exclusive IEEE 802.16 license in 3.5 GHz spectrum to extend its WiMAX network starting with Donetsk, Dnipropetrovsk, Odessa, and Lviv. Alvarion local partner S&T Soft-Tronik, being a leading systems integrator in Ukraine, has performed system delivery, network deployment and will provide ongoing support.

<http://www.telephonyworld.com/cgi-bin/news/viewnews.cgi?category=all&id=1170981151>

[http://wimaxnetnews.com/archives/2007/02/ukraine\\_sees\\_wi.html](http://wimaxnetnews.com/archives/2007/02/ukraine_sees_wi.html)

<http://www.80216news.com/pubs/2007/02/09/page1299-451683.asp>

<http://www.bbwxchange.com/pubs/2007/02/09/page1423-451683.asp>

### **General WiMAX News**

#### **TrustELI Announces Eli Everywhere: The First Cellular And WiMAX Router Providing Comprehensive Security**, February 3, emediawire.com

TrustELI Announces Eli Everywhere: The First Cellular and WiMAX Router Providing Comprehensive Security Groundbreaking Solution Balances Ubiquitous Access with Highest Levels of Internet Security. TrustELI, an innovative provider of affordable, professionally managed, all-in-one broadband security appliances, today announced the availability of Eli Everywhere: the next generation of Internet security appliances based upon TrustELI's patented technologies. Eli Everywhere combines enterprise grade Internet security with an Internet access router to allow secure connections of any type, including cellular, WiFi, WiMAX and FiOS.

<http://www.emediawire.com/releases/2007/2/emw502083.htm>

#### **400MHz To 3.8GHz High Linearity Downconverting Mixer Improves Performance For 3G & WiMAX Basestations**, February 5, ThomasNet.com

The LT5557, a new high linearity, 3.3V, downconverting active RF mixer from Linear Technology elevates receiver dynamic range performance while extending bandwidth capability to cover 3G and WiMAX basestation frequencies to 3.8 GHz. The LT5557 offers 24.7 dBm IIP3, noise figure of 11.7 dB, and 2.9 dB of gain at 1.95 GHz. Its performance remains robust at WiMAX frequencies with 23.5 dBm IIP3, and 1.7 dB of gain at 3.6GHz. This performance is achieved with a low -3dBm LO input drive level, enabling best-in-class LO isolation performance. Typical LO-to-RF isolation is better than 42 dBc at 1.95 GHz. The LT5557's power consumption is low for this class of high linearity mixers, typically 270mW from a 3.3V supply.

<http://news.thomasnet.com/fullstory/507272/148>

#### **Africa's Internet Gap Widens**, February 5, 24.com

Broadband internet connections in Africa are expected to more than double by 2011, but the continent is falling further behind the rest of the world as governments fail to open markets and drive down costs. High-speed internet connections in Africa - including DSL, WiMax and wireless technologies such as 3G - are likely to rise to 7 million by 2011 from 3 million now, according to a recent report by South African research group BMI-TechKnowledge. That compares with almost 70 million connections already in European Union countries. The gap means broadband services will be inaccessible to all but a few rich and privileged Africans, which is likely to deter needed foreign investment.

[http://www.fin24.co.za/articles/business/display\\_article.aspx?Nav=ns&lv2=buss&ArticleID=1518-1786\\_2064756](http://www.fin24.co.za/articles/business/display_article.aspx?Nav=ns&lv2=buss&ArticleID=1518-1786_2064756)

### **Spain Protects Water With Wimax**, February 5, Wimaxday.net

Libera Networks announced that it will construct a pre-WiMAX network for the municipal water company Comunidad de Madrid. The network will be used in the surveillance of its water purifying stations in Spain. With technology provided by Málaga-based , the system will connect each of the municipality's 18 water stations for the transmission of voice, data and images that aids in the control and security of the overall system. The network is expected to cost €212,000 and take three months to install. A similar system has also been deployed at the Municipal de Aguas of Malaga.

<http://www.wimaxday.net/site/2007/02/05/wimax-protects-water-supply-in-spain/>

### **Wimax Offering Internet Coverage Along The French Riviera**, February 5, Cellular-news.com

Following 18 months of technology and feasibility testing, British company Any-Port.Com has launched the first commercial wireless broadband internet service for the international yachting industry, using WiMax equipment. The company, and its technical partners network management specialists netXpose plan to provide coverage of all major Mediterranean yachting ports within 12 months and already have coverage in four important areas of the French Riviera. Coverage is expected to include all the Major French Riviera ports (and associated anchorage areas) by spring this year, with further implementations in France, Spain and Italy already well underway.

<http://www.cellular-news.com/story/21778.php>

### **Brasil Telecom Plans Wimax Launch In Early2007**, February 6, Wimaxday.net

Brasil Telecom announced today that it intends to launch a pilot WiMAX network in the first quarter of 2007. The company had intended to launch the pilot at the end of 2006, but it was delayed. At a press conference today, the director of strategic planning for BrT, Ari Joaquin Da Silva, said the pilot would launch in the southern Brazilian city Porto Alegre. With a population of 1.4 million, Porto Alegre already boasts an estimated 120,000 broadband subscribers.

<http://www.wimaxday.net/site/2007/02/06/brasil-telecom-plans-wimax-launch-in-early2007/>

<http://www.cellular-news.com/story/21787.php>

[http://www.asteriskvoipnews.com/wimax/wimax\\_hardware/trusteli\\_announces\\_wimax\\_and\\_cellular\\_router\\_with\\_managed\\_security\\_interface.html](http://www.asteriskvoipnews.com/wimax/wimax_hardware/trusteli_announces_wimax_and_cellular_router_with_managed_security_interface.html)

### **Chunghwa Telecom Selects Alvarion**, February 6, Wimaxday.net

WiMAX equipment manufacturer Alvarion announced yesterday that Chunghwa Telecom will use Alvarion BreezeMAX products for broadband services in the centre of Taiwan.

According to a press release, Chunghwa Telecom will deliver a range of data services including Internet access, VoIP and support for mobile medical, business and education applications to underserved residents in Nantou County, a rugged mountainous region of central Taiwan. The project is part of the M-Taiwan initiative, which aims to transform Taiwan into one of the most advanced e-nations in Asia by 2008.

<http://www.wimaxday.net/site/2007/02/06/chunghwa-telecom-selects-alvarion/>

[http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news\\_view&newsId=20070205005628&newsLang=en](http://home.businesswire.com/portal/site/google/index.jsp?ndmViewId=news_view&newsId=20070205005628&newsLang=en)

<http://www.digitialmediaasia.com/default.asp?ArticleID=21860>

### **Isps In India Seek Wimax Support**, February 6, Wimaxday.net

As WiMAX fever spreads across India, small Internet services providers (ISPs) are increasingly worried about the potential loss of business that ubiquitous WiMAX services may cause them. Last week the Internet Service Providers Association of India (ISPAI) applied to the Telecom Regulatory Authority for support that will help local ISPs gain WiMAX licenses and provide broadband services in rural areas. According to the ISPAI, nearly 95 percent of all dial-up and broadband Internet access is provided by large service providers in India, principally telecom groups, and there are some 150 small ISPs serving rural populations.

<http://www.wimaxday.net/site/2007/02/06/isps-in-india-seek-wimax-support/>

**Optimizing WiMAX Subscriber Station Software Stack Design**, February 06, Dr.Dobb's Portal.com  
The example software stack is not targeted for a specific application and can be used in all WiMAX-compliant systems for many applications. This article describes the use of a currently available WiMAX SoC reference kit and representative software stacks to design a flexible WiMAX subscriber station for a variety of applications. The example software stack is not targeted for a specific application, and can therefore be used in all WiMAX-compliant systems to serve a wide variety of applications.

<http://www.ddj.com/dept/mobile/197003705>

**Wireless Operators Confused On Choice Between 3G Or Wimax Technology To Deliver IP TV To Mobile Customers**, February 7, 80216news.com

Mobile TV is emerging as the next important mobile application. Nearly all of the 3G mobile networks globally offer Mobile TV services which provide the ability to view video entertainment on mobile devices. TelecomView's new report Investing in Mobile TV how to avoid the pitfalls when building a successful Mobile TV service. "We forecast that the number of Mobile TV subscribers will grow from 17 million in 2006 to 187 million subscribers in 2011," stated Ian Cox, Principal Analyst at TelecomView and coauthor of the report. "This is still the startup phase for Mobile TV services. Mobile carriers will have to create the right balance between personalized and popular content, using the appropriate network technology, to be successful in the long run."

<http://www.80216news.com/pubs/2007/02/07/page1299-447176.asp>

<http://www.bbwexchange.com/pubs/2007/02/07/page1423-447176.asp>

**\$2.3 Billion London Listing For Sitronics**, February 8, WiMaxday.net

Russia's largest IT services company Sitronics began its initial public offering of shares yesterday on the London Stock Exchange. Sitronics is a unit of the Russian conglomerate AFK Sistema, which owns GSM operator MTC and WiMAX network operator Comstar-UTS. The London listing will give Sitronics a market value of \$2.3 billion. In a statement issued through the London Stock Exchange, Sitronics said that it had raised \$352.6 million in the offering. The proceeds will be used for corporate restructuring and acquisitions. Sitronics's investment memorandum states that the company intends to enter the WiMAX market segment and will consider acquisitions of equipment manufacturers and WiMAX network operators.

<http://www.wimaxday.net/site/2007/02/08/23-billion-london-listing-for-sitronics/>

**Maravedis to Compare 3G & WiMAX Spectrum in 100 Nations on WCA LIVE! Radio Show Feb. 9**, February 8, Telephonyworld.com

A comparison of Third Generation and WiMAX frequency bands in 100 countries will be featured on this week's edition Friday of WCA Live! – the radio webcast produced by the Wireless Communications Association International (WCA) and My Technology Lawyer Radio. Webcast at 2 p.m. (Eastern), hosts of the show are WCA President Andrew Kreig and My Technology Lawyer Radio Producer Scott Draughon. Maravedis Research CEO Adlane Fella, Eng. MBA, founded a world-leader in broadband wireless and WiMAX market research and analysis.

<http://www.telephonyworld.com/cgi-bin/news/viewnews.cgi?category=all&id=1170982408>