

WiMAX Forum News

Weekly Clip Report January 26 – February 2

Articles of Note

The Relationship Between WiBro And Mobile WiMAX, January 24, Wirelessdesignonline.com
With the recent ratification of the Mobile WiMAX IEEE 802.16e-2005 standard in December 2005, many fixed, mobile and wireless operators around the world are looking seriously to Mobile WiMAX as a key element of their future network plans. System and certification profiles, test specifications and test equipment all under development are among the certification activities also encouraging operators to migrate to Mobile WiMAX. In addition, a number of official Mobile WiMAX certification laboratories have also been chosen to undertake future product certification, giving a clear indication that Mobile WiMAX equipment and service is on the road to widespread commercial rollout worldwide.

<http://www.wirelessdesignonline.com/content/news/article.asp?docid=4a0070b2-4450-4136-89a7-792d2c6b0e06&VNETCOOKIE=NO>

WiMAX: All Talk And Little Action?, February 1, Fiercewifi.com

They have a saying in Texas to describe city-slickers trying to be cowboys: "all hat and no cattle." There are those who use similar expressions to describe WiMAX: A lot of talk but only a handful of commercial networks on the ground. TeleGeography, the research division of PriMetrica, says this factor will change this year with the expected introduction of the first certified 802.16-based systems. Fixed WiMAX offers a wireless substitute for DSL and cable, but mobile WiMAX offers mobility. "The new breed of WiMAX networks promise a 4G mobile service while many cellular operators are still working on their 3G networks," TeleGeography says in its WiMAX Market Tracking Service

<http://www.fiercewifi.com/> (e newsletter)

Explosive Growth in WiMax Patent Activity Promises Surge in Industry Says WTRS, February 2, newswireless.net

A new report from WTRS finds dramatic growth surge in WiMax patent activity. Completing intensive study of almost 500 WiMax related patents, WTRS now predicts phenomenal increase in WiMax industry, but IP litigation activities will affect market leaders. WTRS announces 2007 edition of its unique WiMax Patent Directory. This Report demonstrates the enormous growth in innovative WiMax activity; last year's Directory covered about 50 new patents and this year's new Report studies over 475! The Report offers analysis of current and pending WiMAX-related patent litigation, and analysis of IP and Patents with registered IEEE Letters of Assurance.

<http://www.newswireless.net/index.cfm/article/3170>

Wavesat Announces Availability of 3.3-3.5GHz WiMAX Mini-PCI Design, January 28, bbwexchange.com

Wavesat announced the immediate availability of a 3.3-3.5GHz Mini-PCI reference design as part of a complete 3GHz product Series. Wavesat's 3.3-3.5GHz Mini-PCI design is optimized to allow equipment manufacturers worldwide to rapidly bring WiMAX equipment to market. The reference design in the form of an extended length Mini-PCI card facilitates system design by providing a plug-and-play complete solution for the lower layer air interface and time critical low-level MAC functionality. It allows equipment manufacturers to tailor the motherboard providing the higher layer application processor and peripherals according to their specific needs, hence reducing development efforts.

<http://www.bbwexchange.com/pubs/2007/01/28/page1423-428611.asp>

<http://80216news.com/pubs/2007/01/28/page1299-428611.asp>

SPAWAR Seeks to Integrate Wi-Fi, WiMAX, and MIMO into 4G Test Lab for the US Navy Space and Naval Warfare Systems Center in San Diego, February 1, Broadband Wireless Exchange
Nortel Government Solutions has revealed it is to work with the US Navy's Space and Naval Warfare Systems Center San Diego (SPAWAR). Wireless technologies such as WiFi, GSM and WiMAX are to be integrated into the SPAWAR lab, with MIMO, OFDM and other 4G technologies to follow in the future. Nortel will work with SPAWAR to create a wireless security architecture for military use, under a cooperative research and development agreement.

<http://www.bbwexchange.com/pubs/2007/02/01/page1409-439282.asp>

Dallas Basestation Conference on Broadband Wireless Delivers as Promised, January 28, 802.16 News

With Vodafone, Sprint and Verizon sharing the first morning platform, the 4th International Basestation Conference immediately delivered on its promise to tackle the key issues facing the carriers, OEMs and subsystem/chip manufacturers in the rush to deliver cost effective broadband wireless services to the mobile public. Presentations on Ev-DO Rev B & C, 3GPP Long Term Evolution and the role of Mobile WiMAX soon got the debates raging with Tropos and their Metro WiFi play thrown into the mix.

<http://80216news.com/pubs/2007/01/28/page1299-428617.asp>

<http://www.bbwexchange.com/pubs/2007/01/28/page1409-428617.asp>

Tech Roundup: MIMO Hits WiMax, January 29, Unstrung

MIMO's on the menu in this week's new technology roundup, with the smart antenna technology being used not just to speed up WLAN but also WiMax. If that's not fast enough for you, we also check out new fashion phones and see how COWs can boost Super Bowl coverage. Kyocera Corp. revealed this weekend that it's working with chipmaker Runcom Technologies Ltd. to speed up mobile WiMax products.

http://unstrung.com/document.asp?doc_id=115682

<http://wirelessweek.com/article/CA6410507.html?text=wimax>

Towerstream begins trading today, January 26, boston.com

Towerstream of Middletown, R.I., is a fixed wireless Internet provider that is gearing up WiMAX networks in such markets as Greater Boston, Providence, and New York. WiMAX is a standards-based technology enabling the delivery of last-mile wireless broadband access as an alternative to wired broadband like cable; WiMAX provides fixed, nomadic, portable, and soon mobile wireless broadband connectivity without the need for direct line-of-sight with a base station, according to WiMAX Forum, an industry group.

http://www.boston.com/business/ticker/2007/01/towerstream_beg.html

Why Sprint has no choice on mobile WiMAX, January 29, Computerworld.com

It's becoming ever-clearer that Sprint has no choice but to develop its nationwide WiMAX network. If it doesn't, it could be swept away by its bigger, more deep-pocketed competitors. Here's why.

First, let's talk about revenues and subscribers. Cingular (now AT&T) and Verizon Wireless both reported big growth in the fourth quarter in terms of both wireless revenue and new subscribers while Sprint's fourth quarter results showed roughly a third of the subscriber growth and flat revenues and profits. Sprint's problem, besides botching its technical integration with Nextel, is that it just doesn't have the resources to compete against its bigger competitors.

<http://www.computerworld.com/blogs/node/4466>

Arab Telecom deploys Aperto gear in nationwide rollout in Kuwait, January 30, wirelessdesignasia.com

Arab Telecom is deploying a nationwide broadband wireless network in Kuwait using Aperto Networks' broadband wireless PacketWave gear. Aperto is one of the leading suppliers of WiMAX Forum Certified base stations and subscriber units. Arab Telecom is deploying Aperto's PacketWave base stations operating in the 3.5GHz band in a nationwide rollout covering Kuwait's population of 2.2 million people.

The company is using Aperto's gear to offer a range of connectivity services to enterprises, small businesses and residential users in urban and rural areas throughout Kuwait.

<http://www.wirelessdesignasia.com/article.asp?id=4222>

Dell'Oro Group predicts bright future for WiMax and 3G, February 2, iTnews.com

Worldwide mobile infrastructure equipment revenues are projected to grow steadily over the next five years, with a slight acceleration in 2008 owing to increased mobile WiMax revenues, analysts predicted today. Dell'Oro Group expects the mobile WiMax market to grow by a compounded annual growth rate exceeding 50 per cent through to 2011. Greg Collins, the analyst firm's vice president of mobile infrastructure research, said: "Despite this strong growth, we predict that WiMax will account for less than 10 per cent of the mobile infrastructure market in 2011 because of the lack of voice services available in the short term."

<http://www.itnews.com.au/newsstory.aspx?ClaNID=45271&src=site-marg>

<http://www.computerpartner.nl/article.php?news=int&id=4689>

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/>

IBM plugs in to Wimax, February 1, theinquirer.net

IBM has joined the Wimax Forum, the industry organisation that behind the upcoming wireless standard. Heavily promoted by Intel, Wimax is designed to deliver high-speed wireless Internet access over a wide range. Intel promotes the technology as a replacement for DSL and cable broadband on some areas.

IBM has jumped on the bandwagon with the idea of selling consultancy services to operators, assisting in the transition from switched environments to IP-based networks.

"We want to continue to support Wimax as it evolves and becomes more established in the marketplace," said Don Lopes, vice president of IBM's Global Services for the telecoms industry.

<http://www.theinquirer.net/default.aspx?article=37369>

<http://mybroadband.co.za/vb/showthread.php?s=3c5b3996a655c802762cee3606de4455&p=860039#post860039>

<http://www.itnewsonline.com/showstory.php?storyid=8159&catid=8&contid=3>

<http://www.prdomain.com/companies//IBM/newsreleases/200713038761.htm>

<http://www.xbitlabs.com/news/mobile/display/20070130235610.html>

<http://www.itpro.co.uk/news/103482/ibm-becomes-latest-member-of-wimax-forum.html>

<http://www.wirelessdesignasia.com/article.asp?id=4255>

<http://www.muniwireless.com/article/view/5598/>

<http://www.cdrinfo.com/Sections/News/Details.aspx?NewsId=19612>

http://www.cio.com/blog_view.html?CID=28440

<http://www.pcauthority.com.au/news.aspx?ClaNID=45146>

<http://www.assodigitale.it/content/view/3894/31/>

<http://press-releases.techwhack.com/7203/ibm-joins-the-wimax-forum/>

<http://www.tmcnet.com/usubmit/2007/01/30/2299971.htm>

<http://www.bbwxchange.com/pubs/2007/01/31/page1409-435603.asp>

http://unstrung.com/document.asp?doc_id=115847

The Wireless Industry Is Breathing Its Own Exhaust, January 31, Wireless.seekingalpha.com

The "real" standards world is getting mightily irked by the misuse of the term 4G, which is seemingly bandied about by every mobile industry marketing dept lacking the imagination to come up with something clever. While even the standards folk admit 4G is still "vague," there is apparently a (fairly contentious) process ongoing at the Banco Itau Holding Financeira S.A. (ITU) which will determine which technologies qualify as part of Morgan Stanley Insured Municipal Trust (IMT)'s "IMT Advanced," the follow-up to "IMT 2000" (aka, 3G).

<http://wireless.seekingalpha.com/article/25651>

WiMAX Technologies - Designed for the Transmission of Multimedia Services but is Often Considered a Complicated Technique, January 29, TMCnet.com

Research and Markets has announced the addition of WiMAX: Technology for Broadband Wireless Access to their offering. WiMAX Broadband Wireless Access Technology, based on the IEEE 802.16 standard, is at the origin of great promises for many different markets covering fixed wireless Internet Access, Backhauling and Mobile cellular networks.

<http://www.tmcnet.com/usubmit/2007/01/29/2289363.htm>

<http://www.bbwxchange.com/pubs/2007/01/31/page1409-435604.asp>

<http://star-techcentral.com/tech/story.asp?file=/2007/2/1/technology/16734997&sec=technology>

<http://www.cellular-news.com/story/21714.php>

http://www.wimax.com/commentary/news/wimax_industry_news/maxis-embarks-on-mobile-wimax-trial-with-motorola

Maxis Goes On First Mobile Wimax Trials, January 30, biz.thestar.com

Maxis Communications Bhd has embarked on live trials of mobile WiMAX with Motorola Inc, claimed to be the first such trials in Malaysia. Begun in late December last year, the trials at four sites in Kuala Lumpur would be completed by mid-year, Maxis senior general manager for products & new businesses Dr Nikolai Dobberstein told a press conference yesterday. The trials will enable Maxis to "assess WiMAX traffic channelling capabilities and further evaluate the full mobility and performance of Motorola's suite of mobile WiMAX solutions in the 2.3GHz, 2.5GHz and 3.5GHz frequency bands," he said.

<http://biz.thestar.com.my/news/story.asp?file=/2007/1/31/business/16733642&sec=business>

http://presszoom.com/story_123688.html

<http://www.thewirelessreport.com/2007/01/30/moto/>

[WiMAX Forum Member Company News](#)

Moto Promises WiMax Phones in '08, February 1, WiMaxxed

Unstrung reports that Motorola Inc. is teaming with chipmaker Texas Instruments Inc. to develop its first mobile WiMax handsets, to launch in 2008. TI already works with Motorola developing chipsets for 3G devices. The firms say that the extension of this deal will focus on "802.16e mobile WiMAX functionality supporting voice, video and data for low-power mobile applications."

http://www.wimaxxed.com/wimaxxed_news/20070201/moto_promises_w.html

http://www.unstrung.com/document.asp?doc_id=115959&WT.svl=news2_2

<http://www.wimaxday.net/site/2007/02/01/motorola-and-texas-instruments-will-develop-wimax-handsets-for-2008-launch/>

<http://www.dailywireless.org/2007/01/31/moto-wimax-going-mobile/>

http://www.asteriskvoipnews.com/wimax/wimax_hardware/moto_promises_wimax_phones_in_2008.html

Beceem and Elliptic Collaborate on Wimax Security, February 1, net-security.org

Beceem Communications, the leading supplier of chipsets for the Mobile WiMAX terminal market and Elliptic, the leading supplier of security IP products, will extend their collaboration on WiMAX security. Properly securing wireless broadband connections is a key requirement for service providers as they have to protect their users from eavesdropping and as they have to defend their networks from denial-of-service attacks. Implementing appropriate security measures therefore requires the full understanding of the

underlying threat model, but it also needs to ensure that the solution does not prevent the operator from providing open networks and rich services to their customers.

<http://www.net-security.org/secworld.php?id=4699>

<http://biz.yahoo.com/prnews/070129/mo325.html?v=4>

Intel hopes for taste of 2003, January 27, archive.gulfnews.com

Dubai: If Intel is lucky, 2007 will have a taste of 2003. That's when the chipmaker introduced a new product that found swift acceptance and helped bring mobility to the world of computing. Intel's Centrino package, a bundle of Intel processor, chipset and wireless networking card, was quickly introduced in select hotspot locations around the world, including at Dubai International Airport. Intel entered the new year riding on the success of its new CPU, the dual-core chip. By splitting it into more than one core, Intel effectively multiplied its processing power while slashing energy consumption, providing more capabilities for the multitasking computer users of today. It is hoping 2007 will be the year when it introduces to the world a wireless networking card specifically for long-distance broadband mobility, called WiMAX.

<http://archive.gulfnews.com/articles/07/01/27/10099785.html>

WiMaxing the Digital Divide, January 26, wi-fiplanet.com

SOMA Networks makes equipment with the express purpose of helping the underserved. So far, it seems to be helping the company as well. SOMA has announced that its products are in use mostly in North American deployments. AT&T uses the company's FlexMAX-branded WiMax products in both rural and urban environments, including a network in an area of Pahrump, Nevada (near Vegas) where broadband isn't available to the 45,000 residents. Last week, CTC Telcom, a rural independent operating company (IOC) in Wisconsin, announced it will use FlexMAX in the town of Ladysmith to deliver broadband/voice packages.

<http://www.wi-fiplanet.com/news/article.php/3656381>

Anite confirms Invenova acquisition, January 31, TMCnet.com

IT Company Anite has confirmed that it has acquired Invenova Corporation, a provider of software and systems for WiMAX device testing, based in San Jose, California, USA. Anite said the acquisition provides the opportunity to diversify its product range across various wireless technologies and to establish its position in the wireless broadband test systems market.

<http://www.tmcnet.com/usubmit/2007/01/31/2301108.htm>

<http://www.digitalmediaasia.com/default.asp?ArticleID=21670>

http://www.lightreading.com/document.asp?doc_id=115851

TowerStream Acquires WiMAX Network in Seattle, Washington, February 1, Teleclick

Wireless broadband provider, TowerStream, has expanded into the city of Seattle, Washington this week after acquiring the wireless assets of DSL provider, Speakeasy. TowerStream now operates WiMAX-based broadband networks in seven major U.S. cities, including New York, Chicago, Boston, Las Angeles, San Francisco, Seattle, and Providence, Rhode Island.

<http://www.teleclick.ca/2007/02/towerstream-acquires-wimax-network-in-seattle-washington/>

Motorola's WiMax Wait, January 26, unstrung.com

Motorola Inc. isn't expected to see revenues from its early adventures in the mobile WiMax field for at least 12 months -- and possibly much longer. The No. 2 handset maker in the world snagged a slice of what are arguably the two highest profile WiMax deals in the U.S. recently. The Schaumburg, Ill.-based company is one of the three major infrastructure suppliers for Sprint Nextel Corp. (NYSE: S - message board)'s planned \$3 billion mobile WiMax network, along with Nokia Corp. (NYSE: NOK - message board) and Samsung Corp. . Sprint is planning to have initial service from its 1,000-site deployment up and running by the end of this year with full commercial service coming in the first half of 2008.

http://www.unstrung.com/document.asp?doc_id=115570&WT.svl=news2_2

Kyocera Wireless and Runcom Announce Collaboration on Mobile WiMAX-Powered Wireless Devices, January 29, splashphone.com

Kyocera Wireless Corp and Runcom Technologies disclosed a development agreement aimed at leveraging Kyocera's expertise in wireless device development and Runcom's chipset technologies. The companies are working closely to develop new consumer electronic devices employing the latest in broadband Mobile WiMAX technology. WiMax delivers high-speed broadband fixed and mobile services wirelessly to large areas using considerably less infrastructure than previous wireless protocols. When paired with new MIMO (multiple input, multiple output) technology, it can deliver mobile services three to five times faster than today's third-generation (3G) standards at a lower cost.

<http://www.slashphone.com/70/6382.html>

http://www.eetindia.com/ART_8800451532_1800005_98a883ff20070201.HTM?from=RSS

<http://www.edn.com/article/CA6410964.html?ref=nbednnews&industryid=2282>

<http://www.broadbandreports.com/shownews/81266>

<http://www.bbwxchange.com/pubs/2007/01/28/page1423-428611.asp>

SPAWAR Seeks to Integrate Wi-Fi, WiMAX, and MIMO into 4G Test Lab for the US Navy Space and Naval Warfare Systems Center in San Diego, February 2, Broadband Wireless Exchange

Nortel Government has revealed it is to work with the US Navy's Space and Naval Warfare Systems Center San Diego (SPAWAR). Wireless technologies such as WiFi, GSM and WiMAX are to be integrated into the SPAWAR lab, with MIMO, OFDM and other 4G technologies to follow in the future. Nortel will work with SPAWAR to create a wireless security architecture for military use, under a cooperative research and development agreement.

<http://www.bbwxchange.com/pubs/2007/02/01/page1409-439282.asp>

Motorola expands use of TI Omap for 3G, WiMax, January 29, EETimes.com

Motorola is broadening its use of Texas Instruments' Omap microprocessor series, standardizing on Omap2, Omap3 and Omap-Vox designs for a variety of 3G and WiMax products. The move is a further indication that Motorola may be pulling back from StarCore and other designs that originated with spinout Freescale Semiconductor. The two companies announced Monday (Jan. 29) that Motorola will use a customized TI 3G processor for upcoming 3G handsets. The processor taps Omap3 as well as custom cores developed jointly by TI and Motorola.

<http://www.eetimes.com/news/latest/showArticle.jhtml?articleID=197001333>

Alvarion Facing Disclosure Lawsuit, January 31, Wireless Week

WiMAX developer Alvarion Ltd. says it will "vigorously" defend itself against a lawsuit in which the Israeli-based company is accused violating U.S. securities laws. The company said a class action complaint has been filed in the Northern California U.S. District Court alleging that in certain public statements regarding Alvarion's business with a customer that accounted for significant revenues during 2004 Alvarion failed to mention that sales to the customer were not expected to continue producing substantial revenues for the company.

<http://www.wirelessweek.com/article/CA6412030.html>

Aperto Networks Wimax Gear Selected for Greek Deployment, January 28, 802.16news

Aperto Networks announced that Hellenic Telecommunications Organization (OTE S.A.), the largest telecommunications provider in Greece, will field Aperto Networks' PacketMAX broadband wireless networking gear in a pilot deployment at Mount Athos in the Halkidiki region of Northern Greece, in advance of a nationwide rollout.

<http://www.80216news.com/pubs/2007/01/28/page1299-428609.asp>

Broken Connection For Sprint Nextel, January 29, ZDNet

After Sprint merged with Nextel Communications, Leigh Elliott noticed that her Nextel phone started dropping calls in places where it used to get coverage just fine. "On my 20-minute drive to and from work everyday, I'd lose a call up to five times," the 35-year-old New Hampshire resident said. "This never happened before the Sprint-Nextel merger." In September, after more than a year of poor service, Elliott canceled her monthly contract and switched to Verizon Wireless.

http://news.zdnet.com/2100-1035_22-6154071.html

Orbitel May Be Acquisition Target, February 2, Wimaxday.net

The release of a government audit in Medellín that states Columbian telecom operator Orbitel is falling behind in the deployment of its WiMAX network has led several spectrum-hungry acquirers in pursuit of the only operating WiMAX network in the country. Orbitel is owned by EPM Telecomunicaciones, a municipal telecom. According to a recent report in BNamericas, EPM acquired shares in Orbitel in June 2006 and now has also run afoul of the same government audit for possibly paying \$46.9 million more than the shares were worth at the time.

<http://www.wimaxday.net/site/2007/02/02/orbitel-may-be-acquisition-target/>

The Mobile Internet's Future Is East, January 29, toptechnews.com

Americans yearning for a turbo-charged mobile Web can have a peek into such a tech utopia in the Far East. In South Korea and Japan, mobile TVs already are commonplace. And young people in those countries use their handsets to snap pictures of cute guys and girls and zap them to friends, play online games, and pay for goods using digital money. Just as the U.S. is becoming acquainted with the term 3G (for third-generation mobile technology), Korea and Japan are zooming ahead into a post-3G world. Korea's wireless carriers have plowed some \$5.4 billion into nationwide networks called High-Speed Downlink Packet Access, or HSDPA, the buildout of which will be completed this spring.

http://www.toptechnews.com/story.xhtml?story_id=131004KREZS6

APERTO Networks Raises \$19 Million In Follow-On Series E Financing, January 31, WiMax.com

Aperto Networks, builder of the world's most advanced WiMAX base stations and subscriber units, announced today that it had completed a follow-on Series E financing round of \$19 million, bringing the company's total capitalization to \$139 million. The financing round, the third tranche in the series, was led by GunnAllen Venture Partners and included participation from all of the existing investors including JK&B Capital, Canaan Partners, Alliance Ventures, Innovacom, JAFCO, Labrador Ventures, and Tyco.

http://www.wimax.com/commentary/news/wimax_industry_news/aperto-networks-raises-19-million-in-follow-on-series-e-financing-1

<http://www.venturebeat.com/wire/2007/02/02/aperto-a-wimax-base-station-maker-raises-19m/>

Neovia plans \$15m WiMAX investment, February 1, Wimaxday.net

The Brazilian WiMAX network operator Neovia announced plans for the expansion of its network in São Paulo. According to a report in BNamericas, the expansion will add 3,000 WiMAX-certified base stations supplied by Alvarion, with a total investment of \$15 million. Neovia has offered pre-WiMAX services since it was founded with an investment from Intel Capital several years ago. Neovia operates its network using 3.5 GHz spectrum it obtained in 2002, and is presently the only active WiMAX operator in Brazil, despite significant plans from larger competitors such as Embratel, TVA Sistema de Televisao SA and Brasil Telecom.

<http://www.wimaxday.net/site/2007/02/01/neovia-plans-15m-wimax-investment/>

<http://www.bbwxchange.com/pubs/2007/02/02/page1423-442152.asp>

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<http://80216news.com/pubs/2007/01/28/page1299-428611.asp>

<http://www.bbwxchange.com/pubs/2007/01/28/page1409-428611.asp>

Aperto completes \$19 million financing, February 1, Wimaxday.net

WiMAX base station and CPE manufacturer Aperto Networks announced yesterday the completion of a follow-on Series E round of financing. The \$19 million raised this week brings the total capitalisation of the company to \$139 million. According to a press release from the company, this round of financing was led by GunnAllen Venture Partners, and included participation from all of the existing investors including JK&B Capital, Canaan Partners, Alliance Ventures, Innovacom, JAFCO, Labrador Ventures, and Tyco.

<http://www.wimaxday.net/site/2007/02/01/aperto-completes-19-million-series-e-funding/>

Motorola and Texas - Collaborating on 3G, WiMAX and OMAP technologies, January 31, htlounge.net

Motorola and Texas Instruments are already pretty good friends, but they're expanding their relationship even further with a new agreement that will see the two companies collaborating on 3G, WiMAX and OMAP technologies. By combining their efforts, they hope to develop "new, experience-optimized mobile devices." While the whole idea of 3G mobile technology isn't nearly as prevalent in North America as it is in other parts of the world, the higher-speed standards will clearly become more commonplace in the years to come, and as such, developers will need to stay up to date with the newer technology.

<http://www.htlounge.net/articles/2303/1/Motorola-and-Texas---Collaborating-on-3G,-WiMAX-and-OMAP-technologies>

<http://www.dailywireless.org/2007/01/31/moto-wimax-going-mobile/>

http://telephonyonline.com/wireless/news/ti_motorola_3g_012907/

<http://mrtmag.com/briefs/enterprise/texas-instruments-3g-wimax-013007/>

<http://ct.pbinews.com/rd/cts?d=244-8893-31-26872-81273-425592-0-0-0-1>

<http://www.fiercewifi.com/blog/date/2007-01-30>

[General WiMAX News](#)

Proposal Call Issued For Aussie Muni Wi-Fi Mesh, January 29, TelecomWeb

The government of the Australian state of New South Wales (NSW) this morning issued a call for proposals to build what it says will be the first municipal Wi-Fi mesh down under to offer free broadband access to anyone in its service area. As with muni meshes around the world, the free service would be low speed - higher speeds will cost extra - in the NSW plan, probably paid for by advertising or commercial sponsorship.

<http://www.telecomweb.com/international/21481.html>

Delay For Wimax Auction In Brazil, February 2, Wimaxday.net

The Ministry of the Communications in Brazil has launched another public consultation for the auction of WiMAX radio spectrum. The auction for 3.5 GHz spectrum was set to launch several times in 2006 however numerous irregularities and scandals prevented the auction. Following responses to the public consultation, the regulator Anatel will prepare the final auction rules, including what minimum and maximum prices are expected and what companies are eligible to participate.

<http://www.wimaxday.net/site/2007/02/02/delay-for-wimax-auction-in-brazil/>

http://www.telegeography.com/cu/article.php?article_id=16455&email=html

Ball State to test new wireless technology, January 28, thestarpress.com

The future of wireless technology may have its first audience here at Ball State University. Ball State is the first to test WiMAX in the United States, said O'Neal Smitherman, vice president for information technology at Ball State. Smitherman described the technology as "revolutionary," noting that WiMAX is already drawing strong support from leading industry service providers like Sprint and Clearwire.

If it lives up to its predictions, WiMAX could offer wireless Internet for up to 30 miles from a single wireless access point. With that reach, WiMAX could one day provide rural Hoosier residents with broadband access currently inaccessible to them.

<http://www.thestarpress.com/apps/pbcs.dll/article?AID=/20070128/NEWS01/701280343/1002>

<http://www.broadbandreports.com/shownews/81266>

Wimax: You Have The Spectrum. But What About Planning Permission? , February 1, Newswireless.net

A very large comms corporation is kissing babies, preparatory to launching something new next week. Details are under embargo, but my chat with them this week provoked an enthusiastic discussion about whether 802.16e really is useful in mobile telephony. We ended up agreeing that in the UK, Europe, and America, the problems of setting up the infrastructure really made WiMAX a marginal product for the next two years. That, of course, leaves Africa, much of South America, and some of the developing parts of Asia. We decided that there is, definitely, enough of a market there to make a launch worthwhile.

<http://www.newswireless.net/index.cfm/article/3169>

Avago Technologies Improves Quality of Signal Reception for WiMax/WLAN Applications, January 31, Govotech.net

Avago Technologies is introducing a high-performance, low noise amplifier (LNA) in an ultra-thin package size. The company is a leading supplier of innovative semiconductor solutions for advanced communications, industrial and commercial applications. Avago's new MGA-645T6 is an easy-to-use LNA with integrated bypass switch and shut down function optimized for customer premise equipment and base station equipment used in 802.11 b/g, WiMAX, WiBro and satellite digital multimedia broadband (S-DMB) applications.

<http://www.govotech.net/digitalcommunities/story.php?id=103686>

WiMAX – A success story from Doha, Qatar, January 31, Wimax.com

The 15th Asian Games were hosted in Qatar, which also happens to be the home of famous Al Jazeera TV; an Arabic News Channel. During the 15th Asian Games in Doha, Qatar; Airspan Networks deployed WiMAX which was used to provide international news media with high-speed Internet access for data, VoIP and multimedia services. Airspan Networks, a Florida based High Speed Internet and Voice Solutions provider was chosen by QTel to deploy this network. QTel has its monopoly in the Telco market of Qatar. It also routes the entire Internet traffic directed IN or OUT of the Country.

http://www.wimax.com/commentary/wimax_weekly/wimax-2013-a-success-story-from-doha-qatar

French regulator approves first WiMAX spectrum transfers, January 31, wimaxday.net

Following the auction of 3.5 GHz spectrum in France last year, the Ministry of Economics, Finance and Industry announced in August 2006 that it would permit the transfer and re-sale of licensed WiMAX spectrum on "secondary markets." As was reported previously, this is in line with European Commission directives concerning the transfer of utilisation rights of radio frequencies. On Monday this week, French telecommunications regulator Arcep announced that it approved the first two transfers of WiMAX spectrum. The transfers in question were from one local authority to another, and from France Telecom to its subsidiary SPM Telecom in Pierre Saint and Miquelon (a French territory in the North Atlantic between Newfoundland and Nova Scotia).

<http://www.wimaxday.net/site/2007/01/31/regulator-approves-first-transfers-for-wimax-spectrum-in-france/>

ACCA Networks showcases WiMAX, January 31, wimaxday.net

Japanese broadband network operator ACCA Networks will showcase WiMAX services next week at the NET&COM 2007 exhibition. According to a company press release, there will be an "ACCA WiMAX Booth" that will deliver demonstrations of WiMAX services such as VoIP. ACCA has installed a WiMAX base station at the exhibition to provide the services. The company applied to the Ministry of Internal Affairs and

Communications (MIC) on December 25th, 2006 for a special license to use 2.5 GHz spectrum during the demonstration. The MIC has not yet issued formal licenses for this radio frequency.

<http://www.wimaxday.net/site/2007/01/31/acca-networks-showcases-wimax/>

WiMAX Technologies - Designed for the Transmission of Multimedia Services, January 31, bbwexchange.com

Research and Markets has announced the addition of WiMAX: Technology for Broadband Wireless Access to their offering. WiMAX Broadband Wireless Access Technology, based on the IEEE 802.16 standard, is at the origin of great promises for many different markets covering fixed wireless Internet Access, Backhauling and Mobile cellular networks. WiMAX technology is designed for the transmission of multimedia services (voice, Internet, email, games and others) at high data rates (of the order of Mb/s per user). It is a very powerful but sometimes complicated technique.

<http://www.bbwexchange.com/pubs/2007/01/31/page1423-435604.asp>

New Airwave solution manages Wi-Fi, WiMAX and mesh, January 30, mrtmag.com

Airwave Wireless yesterday announced version 5.0 of its wireless management software suite that expands its support for Wi-Fi networks to include management for WiMAX and mesh networks, as well as a new "Enterprise Edition" that provides enhanced scalability. One of the things we did within the Wi-Fi space is allow you to manage any Wi-Fi applications, from thin access points to thick [intelligent] access points," Airwave Wireless COO Greg Murphy said in an interview with MRT. "Now, we've expanded that to go out to mesh networks, as well as WiMAX networks, in large part because we've got a lot of service providers using those technologies."

<http://mrtmag.com/news/enterprise/new-airwave-wifi-013007/>

Is radio spectrum more valuable than oil?, January 30, wimaxday.net

In what many termed "the pre-Davos summit," regulators, politicians and industry representatives from around the world met last week at the International Telecommunications Union (ITU) in Switzerland to discuss the future use of radio spectrum. What is the importance of such a meeting? Radio spectrum throughout the world is valued at well over \$2 trillion. However its management, through government regulation, is somewhat antiquated, and not in step with new technologies that place ever greater demand on this scarce resource. Martin Sims, of the UK organisation Policy Tracker, asked the regulators and ministers in attendance to ponder if radio spectrum is as important for economic growth in the 21st century, as oil was in the 20th century. A notion proffered earlier by the former US Senator Larry Pressler.

<http://www.wimaxday.net/site/2007/01/30/is-radio-spectrum-more-valuable-than-oil/>

Orbitel WiMax business lagging behind expectations, February 2, cellular-news.com

Orbitel, owned by municipally run telco EPM, is the only company in Colombia to have deployed WiMax services, which it launched in July 2006 in the city of Cali, and has since expanded service to Bogotá, Medellín, Barranquilla, Cartagena and Cucutá. According to the comptroller, in August 2006 Orbitel had only met 23% of its revenue goals for the WiMax service and 26% of its subscription goals. Moreover, as of October the company's service cancellation rate was 24%, considerably higher than the 1% provisioned in the company's business plan. The watchdog said it would continue to monitor the WiMax project.

<http://www.cellular-news.com/story/21759.php>

http://www.telegeography.com/cu/article.php?article_id=16463&email=html

WLAN Limitations & Distant WiMAX Promises Fuel Growth, February 2, wifitechnology.com

Wi-Fi Technology News/- According to the newly released Strategy Analytics report, "Liberating the Laptop: 5-Year Market Outlook on PC Cards & Embedded Wireless WAN Connectivity," the market for cellular PC cards and embedded 3G modems for notebook PCs is set to post spectacular 60 percent growth in 2007.

The study finds that with WLAN's limitations coming clearly into focus, and truly cost-effective mobile WiMAX still several years out, global 3G/3.5G shipments are set to grow handsomely over the next few years, with annual shipments hitting 15 million units by 2009.

<http://www.wi-fi-technology.com/index.php?name=News&file=article&sid=2894>

Russia's Comstar gets IP telephony, WiMAX licenses for 20 regions, January 29, cellular-news.com
Russian telecommunications operator Comstar United Telesystems, or Comstar UTS, has obtained licenses for IP voice data transmission, including WiMAX services, in the twenty largest regions in Russia, the company said in a press release Monday. The licenses are valid until November 17, 2011, the company said without providing the names of the regions. "Further information on the range, scale and type of services to be launched will be provided in due course, along with the related investments to be made," the company said.

<http://www.cellular-news.com/story/21666.php>

First WiMax Operator Enters International Yachting Market for Broadband Wireless Internet, January 26, emdiawire.com

Any-Port.Com Ltd is pleased to announce the launch of its Broadband Wireless Internet service for the international yachting community. Centred on the busy Mediterranean port of Antibes, the activities of this British company already cover the Ports of Juan Les Pins, Golfe Juan, Antibes and Cannes and will be extending to other Riviera ports in the next few weeks and months with full coverage expected for the summer season. Any-Port also expects to be the ONLY provider of WiMax wireless broadband internet services for the 32nd Americas Cup, which will be held in Valencia, Spain this summer.

<http://www.emediawire.com/releases/2007/1/emw500141.htm>

Nexcom launches WiMAX network, January 26, telegeography.com

Nexcom Bulgaria has announced the launch of the country's first commercial WiMAX network. The network spans ten cities and is based on the fixed 802.16 standard using the BreezeMA suite from Alvarion. The company plans to quickly expand into more than 30 cities during the course of 2007, to give it coverage of 85% of the Bulgarian population. Nexcom claims its WiMAX network supports a myriad of applications and services, ranging from voice and high-speed data – both for residential and business customers, to leased line replacement and VPN for corporate users. Initially the company will provide fixed wireless solutions, progressively upgrading in 2007-2008 to nomadic and mobile services.

http://www.telegeography.com/cu/article.php?article_id=16382&email=html

<http://press.xtvworld.com/article16569.html>

<http://www.tmcnet.com/usubmit/2007/01/26/2286071.htm>

COMSTAR UTS Expands WiMAX License Coverage in Russia, January 30, Broadband Wireless Exchange

Comstar UTS announced that it has obtained licenses for IP Voice Data transmission, including WiMAX services, in the twenty largest regions in Russia. The licenses are valid until November 17, 2011. Further information on the range, scale and type of services to be launched will be provided in due course, along with the related investments to be made.

<http://www.bbwxchange.com/pubs/2007/01/30/page1409-429756.asp>