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INTRODUCTION

Dear WiMAX Community,

This October at the **4G World Conference & Exposition** in Chicago the **WiMAX Forum** made a major announcement concerning the WiMAX technical roadmap. Recognizing the need of service providers for flexibility to manage an ever-increasing demand for broadband data, the WiMAX Forum announced a network evolution path to accommodate harmonization and coexistence across multiple broadband wireless access technologies within a WiMAX Advanced network.

This announcement was supported by the WiMAX Forum **Board of Directors** and many of its member companies. The WiMAX Forum would like to thank the following members for participating in our Press Conference:

- **Dr. Mohammad Shakouri**, Chairman, WiMAX Forum
- **Declan Byrne**, President, WiMAX Forum
- **Paul Senior**, Vice Chair, WiMAX Forum & CTO, **Airspan Networks**
- **Dr. Fumio Watanabe**, CTO, **UQ Communications**
- **Ali Tabassi**, COO, **YTL Communications**
- Georges Karam, President & CEO, **Sequans Communications**
- Dr. Jeongmin Kim, Vice President of Engineering, **GCT Semiconductor**

To view the WiMAX Forum's official release regarding WiMAX Advanced, please click here: **[WiMAX Advanced Announcement](#)**

Earlier this October the WiMAX Forum in collaboration with WiMAX Forum member company Max Telecom hosted WiMAX Europe 2012 in Sofia, Bulgaria. WiMAX Europe attracted over 40 attendees from across the region to discuss the market landscape. We heard great success stories from several WiMAX operators including **BanglaLion** in Bangladesh, **Max Telecom** in Bulgaria, **Mezon** in Lithuania and **YTL Communications** in Malaysia.

The WiMAX Forum would like to again extend its thanks to the following companies for participating in WiMAX Europe:

Airspan Networks	KT
Alvarion	Max Telecom
BanglaLion	Mezon
CelPlan Technologies	NEC
Fairwaves	PureWave Networks
Hitachi	Samsung
ITRI	YTL Communications

This coming November, the WiMAX Forum is hosting two more important events:

- **November 6th: The WiMAX Oil & Gas Event 2012**
- **November 13th: WiMAX Africa 2012**

We would also like to remind you that the WiMAX Forum will soon begin its renewal season. Many of our members are renewing their annual memberships, and our membership and finance teams have been working together to make certain that this process goes smoothly for everyone.

Many of your companies should be hearing shortly from our membership team, and they will be happy to answer any questions that you have. If you have questions regarding your membership status, please send a message to membership@wimaxforum.org, and we will respond as quickly as possible.

We wish you all a great month!

Best Regards,

The WiMAX Forum

EVENTS

The WiMAX Forum will work throughout 4Q2012 to deliver value to the WiMAX ecosystem at events worldwide. For more information about our events please visit: [WiMAX Forum Events](#)

The WiMAX Forum is proud to support the following events:



4G World 2012 Conference and Expo focuses on the most challenging issues and obstacles facing mobile broadband operators as they try to manage the cost of unbridled traffic growth and exploit opportunities to capture sufficient revenues and generate a return on their 4G infrastructure investments. 4G World will occur on **October 29 - November 1, 2012 in Chicago, IL.**

The WiMAX Forum will be at 4G World!

Come see WiMAX Forum President Declan Byrne discuss WiMAX for industrial markets during the Innovative M2M Applications: Solutions for Vertical Industries track on **Thursday, November 1st from 11:45 AM – 12:30 PM**

WiMAX Forum members will receive a special discount of **\$100** on the registration. Please email Alessandra.Rocha@WiMAXForum.org for the discount code.

For additional information and registration please visit: [4G World 2012](#)



WiMAX Oil & Gas 2012 WiMAX Oil & Gas 2012 will be collocated with OilComm 2012 on **Tuesday, November 6th, 2012** at the Marriott Westchase in **Houston, TX**. The event will focus specifically on supporting the Oil & Gas community in deploying effective and affordable WiMAX networks to support their communication initiatives.

WiMAX Oil & Gas 2012 will be an interactive working event. Participation in this event is free to attendees of the OilComm Full Conference Program. WiMAX Oil & Gas 2012 is open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement to attend.

WiMAX Oil & Gas 2012 participants will receive a special discount of **10%** on the registration. Please email Alessandra.Rocha@WiMAXForum.org for the discount code.

For additional information and registration please visit: [WiMAX Oil & Gas 2012](#)



The **WBA Wi-Fi Global Congress** is coming to San Francisco on the **5th - 8th of November**. The Congress is the world's largest, longest running and most encompassing carrier Wi-Fi event. Over four days the event brings together leading MNOs, Cable Operators, ISPs, Hardware Manufacturers and Software Providers from around the globe.

Over 300 industry experts are expected to attend to discuss latest developments in monetization, network deployment, integration and roaming across wireless broadband.

WiMAX Forum members will receive a special discount of **15%** on the registration. Please email Alessandra.Rocha@WiMAXForum.org for the discount code.

For additional information and registration please visit: [WBA Wi-Fi Global Congress](#)



WiMAX Africa 2012 will be collocated with Informa Telecom & Media's AfricaCom on **Tuesday, November 13th, 2012 at the Cape Town Convention Centre in Cape Town, South Africa.** Last year's WiMAX Africa event attracted 95 attendees including 23 representatives of 18 different WiMAX operators. This year's event will focus specifically on supporting the African operator community in developing and managing profitable growth of WiMAX network deployments.

WiMAX Africa 2012 will be an interactive working event, and there will be no registration fee. Participation in this event is free and open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement to attend.

For additional information and registration please visit: [WiMAX Africa 2012](#)



Smart Grid Latin American Forum was organized in 2008 and has been leading discussions, dissemination and feasibility of Smart Grids in Latin America. The Smart Grid Latin American Forum counts with a massive adhesion of energy professionals in the region, and aims to align public and private agents around a shared vision.

The vision of an electrical system that integrates the infrastructure, processes, components, information and market structure in such a way that energy can be generated, distributed and consumed more efficiently and cost effectively; enabling a power system that is more resilient, safe and reliable.

The WiMAX Forum will be at Smart Grid Latin American Forum!

Come see WiMAX Forum President Declan Byrne and WiMAX Forum Vice Chairman and Vice Chair of Smart Grid Working Group Paul Senior to discuss WiMAX for Smart Grid on **Wednesday, November 28 at 8:50 AM.**

The WiMAX Forum members will receive a special discount of **20%** on the registration. Please email Alessandra.Rocha@WiMAXForum.org for the discount code.

For additional information please visit: [Smart Grid Forum 2012](#)



WiMAX Middle East 2012 will be co-located with Informa Telecom & Media's Middle East Telco Com Summit on **Monday, December 3rd, 2012 at the JW Marriott Marquis Hotel, Dubai, United Arab Emirates.** This will be our first Middle East focused event, and will focus specifically on supporting the Middle Eastern operator community in developing and managing profitable growth of WiMAX network deployments.

WiMAX Middle East 2012 is an event for all participants, both operators and vendors, to meet, exchange ideas and develop business and cooperative relationships. The event will highlight the opportunities, challenges and strategies involved in operating a profitable WiMAX network in Middle East. Participation in this event is free and open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement for to attend

For additional information and registration please visit: **WiMAX Middle East 2012**

MEMBERSHIP SERVICES

There are currently 142 members of the WiMAX Forum in good standing.

The WiMAX Forum would like to extend a special welcome to the newest member:

- **Unique Atlantic ICT Solutions**

One new member has applied for membership in September:

- **Cisco Systems**

The WiMAX Forum is committed to delivering the value necessary for our members to get the most of their association with the WiMAX Forum and we are always happy to engage with individual members to discuss how WiMAX Forum can better serve its membership.

If you have questions regarding your membership, please contact Mike Wolleben at **Mike.Wolleben@WiMAXForum.org** - 512-470-9045.

The WiMAX Forum is the best place for our members to access, leverage and influence the growth and development of the WiMAX industry. So be a leader in WiMAX and step up to get involved today!

WORKING GROUP

The WiMAX Forum **Working Groups** are the key to the development of WiMAX technology. Working Groups are chartered by the WiMAX Forum to bring together content experts from member companies to contribute to and harmonize documents and specifications and perform other tasks that the WiMAX Forum has determined to be necessary or useful.

The WiMAX Forum organizes its technical activities through a number of Working Groups coordinated by a Technical Steering Committee. The WiMAX Forum Working Groups include:

- **AWG** - Aviation Working Group - *Requirements*
- **CWG** - Certification Working Group - *Technical*
- **GRWG** - Global Roaming Working Group - *Technical*
- **NWG** - Network Working Group - *Technical*
- **RWG** - Regulatory Working Group - *Advisory*
- **SPWG** - Service Provider Working Group - *Requirements*
- **SGWG** - Smart Grid Working Group - *Requirements*
- **TWG** - Technical Working Group - *Technical*

If you are not a member of a Working Group yet, you can request to join on the group's **Home Page**. Or if you want to take an active role in one or more of the Working Groups, you can use the group chair link on that same page to contact the chairman of the group and to see how you can help.

There are currently working group officer opportunities in several groups listed below. If you or someone from your company is interested in becoming an officer of a Working Group, please contact that working group's chair or the TSC chair for details.

- **AWG** – Chair, 2nd Vice Chair and Secretary
- **NWG** - Chair, Vice Chairs and Secretary
- **SPWG** – 2nd Vice Chair and Secretary
- **SGWG** – 2nd Vice Chair and Secretary
- **TWG** - 2nd Vice Chair and Secretary

Your participation is important to the WiMAX community!

Working Group Meetings are held in-person (“face-to-face”) or by teleconference. Dates and venues shall be determined taking into account Working Group needs and requests. To encourage cross Working Group discussions in support of the overall program goals, the WiMAX Forum co-locates the face-to-face meetings of multiple Working Groups at our Member Conferences.

You can learn more about the working group activities by visiting the member's area in Kavi and viewing the outcome of recent working group sessions or joining groups to receive emails related to that group's activities. In our recent Members Conference in Sofia there were new documents approved and new work items initiated. As an example the Service Provider Working group initiated new work related to Carrier Ethernet Transport and the TWG and NWG completed updated versions of specifications related to an extended mode for WiMAX. The CWG also completed a WiGRID PlugFest Guidelines document that was instrumental in the success of SGWG's recent WiGRID PlugFest in September.

If you or your company is interested in nominating someone for a working group leadership role, please contact Rich Hawkins at Rich.Hawkins@WiMAXForum.org

WiMAX FORUM NEWS

WiMAX Forum, in partnership with Multiview, has launched its weekly WiMAX Newsbrief. This weekly summary of news from around the WiMAX ecosystem is intended as a benefit to our members. If you do not yet receive the Newsbrief and wish to do so, please sign up here: [WiMAX Newsbrief](#).

Below is a summary of the month of September:

- [WiMAX Forum promoting events globally](#)
- [BSNL to deploy 108 WiMAX towers in Jammu and Kashmir, India](#)
- [Necessity births a rural broadband network](#)
- [Mobile Internet subs in Taiwan rise to 20.7 million](#)
- [MTN records 182.7 million subscribers in Africa](#)
- [WiMAX ISP deploying 400 base stations](#)
- [Ozarowice launches tender for WiMAX network in Poland](#)
- [WiMAX delivering network efficiency for operators](#)
- [Commissioners updated on high-speed Internet](#)
- [DiData picks Alvarion system for Nama Khoi municipal offices](#)
- [Radio spectrum issues cause SDG&E to shift communications plans](#)
- [WiMAX for industrial markets at 4G World 2012](#)
- [Smarter grid demands flexible communications](#)
- [Smart Grid Latin American Forum](#)

- **NT's new WiMAX service to offer 27 Mbps connection**
- **Telecentras claims over half of new wireless subscribers**
- **Smart grid, smart city platform could unlock proprietary AMIs**
- **Slot antenna uses dual polarization**
- **Qubee's 3-year celebration**
- **Freshtel expands network in Kiev, Ukraine**
- **Nigeria to award fixed telecom licences early next year**
- **Internet subscribers rise to 900 in Tanahu, Nepal**
- **Customization essential to HTC**
- **Freshtel to significantly expand services next year**
- **Commissioners updated on high-speed Internet**
- **Global WiMAX leaders showcase interoperable products at WiGRID PlugFest**
- **4G World 2012**
- **Demystifying WiMAX Public Key Infrastructure for operators and device vendors**
- **Meet Greenpacket at WiMAX Europe**
- **P1 launches the Tukar Tak Tukar campaign**
- **BSNL launches new 2 Mbps WiMAX broadband plan**
- **Altai Technologies connects 1 of the largest townships in South Africa with Super Wi-Fi Solution**
- **Be a 4G Santa Claus: NetZero lets you gift mobile data on Facebook**
- **Nepal Telecom's WiMAX-based Internet to offer up to 27 mbps speed**
- **Maintenance contract of broadband and WiMAX connections at Bulandshahr**
- **Sprint delivers a turnkey mobile broadband solution for pay-per-use data access to MVNOs**
- **Slot antenna uses dual polarization**
- **BSNL all set to adopt IP technology next fiscal**
- **WiMAX Europe 2012 on Oct. 16**
- **4G World 2012**

- **Early start helped system operators stay ahead of the curve in smart grid**
- **Freshtel expands network in Dnipropetrovsk, Ukraine**
- **WiMAX to be launched Nov. 9**
- **Freshtel launches services in Bryansk, Russia**
- **Wateen achieves Cisco's Customer Service Excellence award**
- **YTL launches Yes Life for Web service**
- **Internet Solutions expands MPLS footprint to remote Mozambique, Africa**
- **Enforta to deploy WiMAX network in 150 more cities**
- **WiGRID PlugFest Event a success!**
- **September 2012 WiMAX Forum monthly newsletter**
- **WiMAX Forum invites you to WiMAX Europe 2012**
- **WiMAX mergers key to 4G roadmap: Ministry**
- **WiMAX provider Mobile Beacon offers free Wi-Fi service**
- **SE Asia WiMAX business opportunity**
- **MMDA to add CCTV cameras**
- **TVL, Digicel Vanuatu bag extra WiMAX spectrum**
- **Are smart grids the only solution to the electricity crisis? And how WiMAX can help**



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