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## INTRODUCTION

Dear WiMAX Community,

While much of the world is away enjoying summer Holidays, we at the **WiMAX Forum** continue to feel the pace is hectic but rewarding. We have much going on, which we feel is directly relevant and value-added to the Membership.

We hosted our second WiMAX Forum Member Conference of the year in San Francisco this month with over 35 colleagues from around the world participating in working group meetings to advance the agendas for the **Smart Energy**, Rail, **Oil and Gas**, **Aviation** and **WiMAX Advanced** initiatives. I was impressed at the ambitious agendas-particularly in the industrial market segments-and was delighted to see the collaboration between the **Work Groups**. My personal thanks to not only the Working Group leadership, but also to the Forum **Staff** who managed to deliver a first class event!

The WiMAX Forum **Board of Directors** held a two-day meeting as well, reviewed budgets and strategy, and had Working Group leadership brief them on the priorities being managed and addressed.

We continue to engage in PR efforts to promote the advantages of this WiMAX-based standard from an industry-wide perspective. In an in-depth interview with Forum President Declan Byrne, the AeroMACS communications system was featured in and Land Mobile article, "**Ears to the Ground and Beyond**".

We have a busy balance of the year planned as we continue to push the industrial market agendas and we hope to see you at one of our upcoming events!

The WiMAX Forum is looking forward to another great Fall event season. Here is the summary of events that we are hosting and/or participating during the coming months:

- On September 8, 2014, the WiMAX Forum and UTC Telecom America Latina will participate in a meeting with **Anatel** (the Brazilian FCC) in order to request and recommend a dedicated spectrum for the Brazilian utilities.
- The WiMAX Forum plans to participate in the **Smart Grid Latin America Forum** on September 9-11, 2014 at the Club Transatlantico in Sao Paulo, Brazil. WiMAX Forum President **Declan Byrne** will present *Brazilian Utilities: Spectrum Requirements & Availability* on September 10 at 8:30 a.m.
- The WiMAX Forum will participate in the **Wireless China Summit** on September 17-18, 2014 at Crowne Plaza, Beijing Sun Palace. The Forum will lead panel discussions during "**Track 1: AeroMACS**" on September 17, 2014 from 1:45 pm – 6:00 pm with participation from the **WiMAX Forum**, **Civil Aviation Administration of China**, **Aviation Data Communication Corporation (ADCC)**, **Gemtek Technology Co. Ltd**, **Hitachi**, **Honeywell**, **SELEX ES**, and **Siemens**.
- The WiMAX Forum will participate in the **59th ATCA Annual Conference and Exposition** on September 28 - October 2, 2014 at the National Harbor, Maryland. WiMAX Forum President Declan Byrne will present on September 30 at 11:00 am at the ATCA Annual Theatre.

- The WiMAX Forum will participate in the **AEEC Systems Architecture and Interfaces (SAI)** meeting being held on October 20-21, 2014 at the **EUROCONTROL Headquarters** in Brussels, Belgium. WiMAX Forum President Declan Byrne will present on October 21.

- The WiMAX Forum will host the 2nd Annual **WiMAX Aviation 2014 - Sendai** on November 11-12, 2014 in Sendai, Japan. We will hold an AeroMACS field-trial tour of the **ENRI lab in Sendai Airport** on the afternoon of November 12th. The meeting will also be collocated with ICAO WG-S Meeting on November 13-14. Details of this **event** are still being finalized and will be made available shortly.

If you have any questions regarding any of this or our organization's activities, please reach out to us.

Enjoy the rest of your summer, and we will see you at one of the upcoming industry conferences!

Best Regards,

**Declan Byrne**

President

WiMAX Forum

## EVENTS

In August, the WiMAX Forum continues to stay busy planning and attending events. The WiMAX Forum team is looking forward to seeing you at our events this year. The following is the summary of upcoming events:



The **Smart Grid Latin American Forum**, was organized in 2008 and has been leading discussions, dissemination, and feasibility of Smart Grids in Latin America. In this process, the Forum is responsible for the pioneer organization of the International Conference and Expo in 2008, holding its seventh edition in 2014. The Conference is part of the world circuit of events on this subject.

### **WiMAX Forum will be at Smart Grid Latin American Forum!**

Come see WiMAX Forum President Declan Byrne on September 10 at 8:30 a.m. discuss - **Brazilian Utilities: Spectrum Requirements & Availability.**

For more information about this event and to receive a **20%** discount on registration, please visit: **Smart Grid Latin American Forum 2014.**



On September 16- 18, the Smart Grid Interoperability Panel (SGIP) hosts its **Second Annual Conference** at the Sheraton Music City Hotel in Nashville, TN and welcomes existing member and non-member stakeholders to this unprecedented opportunity to come together to discuss the harmonization of standards that critically impact, enhance, and accelerate the deployment of a smarter grid.

The WiMAX Forum is proud to be a supporting organization!

For more information and registration, please visit: [2014 SGIP Annual Conference](#).



For billions of people around the globe, wireless is the preferred form for communicating. Meanwhile more and more of data traffic are now traversing across wireless networks while connectivity between objects and devices are increasingly becoming unwired. This wireless trend is not only growing but is the way forward.

The upcoming **Wireless China Industry Summit will take place on September 17-18, 2014 at the Crowne Plaza Beijing Sun Palace in Beijing, P.R.C.** It is the leading event of its kind addressing the full scope of next generation wireless technologies and their innovative applications. An educational program provides insightful knowledge about a broad range of critical issues and exciting new developments. Whether your interest is from the perspective of a wireless endorser, application developer, systems integrator, reseller, a manufacturer, or service provider, the surest way to get yourself and your organization fully ready for a dynamic wireless world is by attending.

**WiMAX Forum will be at Wireless China Industry Summit!**

The WiMAX Forum will lead panels during **Track 1: AeroMACS** on September 17, 2014 from 1:20pm to 5:20pm. The speakers are the following:

- **Declan Byrne**, President, WiMAX Forum

- Wan Meizhen, Director, Office of Radio Regulatory Committee, **Civil Aviation Administration of China**
- Xijing Tan, R&D Center Director, **Aviation Data Communication Corporation (ADCC)**
- Henry Huang, Sr. Director, Head, Emerging Markets Division, **Gemtek Technology Co. Ltd**
- Brian Crowe, Vice Chair, WiMAX Forum Aviation Working Group - Sr. Advisory Engineer, **Hitachi**
- Alope Roy, Chair, WiMAX Forum Aviation Working Group - Sr. Program Manager, **Honeywell**
- Giulio Vivaldi, Aeronautical Radio Communications System Engineer, **SELEX ES**
- Paolo Troyer, CTO, **SELEX ES**
- Yi Bin Xu, Section Manager, **Siemens**

For more information and registration, please visit: **Wireless China Industry Summit 2014**.



WiMAX Forum is proud to be a supporting organization of **Communiqué 14**, which will take place on 19-20 September, 2014 at Symbiosis Institute of Telecom Management in Pune, India.

SITM, a constituent of Symbiosis International University, is one of the finest Telecom B-Schools in the entire SAARC region and is committed to the development of world class ICT Business Leaders. The theme for Communiqué 14 is "Transforming Communications: Exploring Contemporary Business Realms".

For more information about this event, please visit: **Communiqué 14**.



The **ATCA 59th Annual Conference and Exposition** takes an in-depth look at the future of air traffic control. It will take place on **September 28-October 1, 2014 in National Harbor, Maryland, USA**. As ATC/ATM industry thought leaders, ATCA continues to make its annual conference the premier forum for aviation professionals. The Conference is three days of presentations, seminars, networking opportunities, and exhibition with the participation of internationally recognized experts in the ATC/ATM industry.

## The WiMAX Forum will be at ATCA 59th Annual Conference!

WiMAX Forum President **Declan Byrne** will speak about "**AeroMACS the Next Generation Standard in Air Traffic Management**". His presentation will occur on **Tuesday, September 30, 2014 at 11:00 a.m. – 11:45 a.m. on ATCA Annual Presentation Theatre.**

For more information about this event, please visit: [ATCA 59th Annual Conference](#).



**Broadband World Forum**, on **21-23 October 2014, Amsterdam, The Netherlands** is one of the world's largest telecoms, media & technology events with over 7,800 senior executives from across the globe converging on Amsterdam every year to identify the Next Big Thing.

For more information about this event and to receive a **15%** discount on registration, please visit: [Broadband World Forum 2014](#).



**WiMAX Oil & Gas 2014 will be a pre-conference session at OilComm on Wednesday, November 5th, 2014 at the Hilton Americas 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.

All operators and vendors are invited to this event to meet, network and discuss ideas with the goal of fostering a prosperous environment and future for the WiMAX Oil & Gas ecosystem. The event will highlight the opportunities, challenges and strategies involved in operating a profitable WiMAX network.

This event is constructed specifically to allow the participants to network, share key lessons and work together for the benefit of the industry. Our goal is for attendees to gain concrete knowledge that will help them build profitable WiMAX businesses.

WiMAX Oil & Gas 2014 will be an interactive working event. Participation in this event is free to the attendees of the OilComm Full Conference Program. WiMAX Oil & Gas 2014 is open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement to attend.

For more information and to receive a **10%** discount on registration, please visit: [WiMAX Oil & Gas 2014](#).

For questions about this event, please contact: Alessandra Rocha at [Alessandra.Rocha@WiMAXForum.org](mailto:Alessandra.Rocha@WiMAXForum.org).



**WiMAX Africa 2014 will be a pre-conference session at Informa Telecom & Media's AfricaCom on Monday, November 10, 2014 at the DoubleTree Cape Town – Upper Eastside in Cape Town, South Africa.** This event will focus specifically on supporting the African operator community in developing and managing profitable growth of WiMAX network deployments.

WiMAX Africa 2014 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 lucrative WiMAX network in Africa.

The African WiMAX community currently faces a host of challenges in procuring devices, securing funding for network development, and optimizing the migration or co-existence of WiMAX and TD-LTE networks. This event is constructed to allow these operators to network, share key lessons, and work together for the benefit of the industry. Our goal is for attending operators to gain concrete knowledge that will help them build profitable WiMAX businesses.

WiMAX Africa 2014 will be an interactive working event. **There is no registration fee**, and this event is free. The event is open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement to attend.

For more information and registration please visit: [WiMAX Africa 2014](#).

If you have questions regarding this event and visa invitation letter, please contact Sophia Chang, WiMAX Forum Project Manager, at [Sophia.Chang@WiMAXForum.org](mailto:Sophia.Chang@WiMAXForum.org).

## **Sponsorship Opportunities:**

Increase your presence at the WiMAX Forum events through a sponsorship! Our high-profile events offer sponsors excellent visibility before, during and after the event.

### **Sponsorship opportunities include:**

- Media Sponsorship (*WiMAX Forum Membership **NOT** Required*)
- Silver Sponsorship (*WiMAX Forum Membership **NOT** Required*)
- Gold Sponsorship (*WiMAX Forum Membership **NOT** Required*)
- Platinum Sponsorship (*WiMAX Forum Members Only*)
- Diamond Sponsorship (*WiMAX Forum Members Only*)

For more information about which event sponsorship may best suit your needs, please contact Alessandra Rocha at [Alessandra.Rocha@WiMAXForum.org](mailto:Alessandra.Rocha@WiMAXForum.org).

**The WiMAX Forum plans to host and participate in other events over the course of 2014. As details concerning these events are finalized, we will be certain to keep you informed.**

For more information about our events, please visit: [WiMAX Forum Events](#)

## **MEMBERSHIP SERVICES**

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 the WiMAX Forum can better serve its membership. [WiMAX Forum Membership](#) provides a wide range of benefits and services that allows WiMAX Service providers to grow their networks and the vendor community to sell more equipment and services.

**The WiMAX Forum would like to extend a special welcome to the new members from 2014:**

- [Civil Aviation Safety Authority of Australia](#)
- [Ecil Energia](#)
- [Exelis](#)
- [Great River Energy](#)
- [Green Packet Berhad](#)
- [Hawaiian Electric](#)
- [Intellicom LLC](#)
- [Kyocera Communication Systems Co.](#)
- [Magnaquest Technologies Ltd](#)
- [Metropolitan Washington Airport Authority](#)
- [Seowon Intech](#)

**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!

If you have questions regarding the WiMAX Forum Membership, please contact Kailey Phillips at [Kailey.Phillips@wimaxforum.org](mailto:Kailey.Phillips@wimaxforum.org); +1-703-407-1643.

## WORKING GROUPS

At the WiMAX Forum Member Conference in San Francisco, USA, AWG laid the groundwork for the remainder of 2014 and 2015 to advance the **Aviation** initiative. As a common Security standard is becoming increasingly important to the Aviation Community, AWG has developed AeroMACS X.509 Certificate Use Cases and formed a task group to develop AeroMACS x.509 Certificate Profiles and Policies. In 2015, AWG will develop a Network Reference model and offer AeroMACS certification.

SEWG also produced plans for 2014 and 2015 at the Member Conference. With comments and reply comments submitted in response to the recent FCC NPRM related spectrum in the 3.5 GHz band, SEWG is moving forward with a spectrum plan. In addition to that, SEWG members formulated a plan to further develop the Oil & Gas and Railroad Initiatives. Several Rail companies attended a session to discuss applications for a railroad specific WiMAX data network.

SPWG is in the final stages of drafting a white paper to define common scenarios and provide recommendations for WiMAX and TD-LTE co-existence and/or transition to further the **WiMAX Advanced** initiative. The paper will be published in the next 30 to 60 days.

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. Members of the forum have the opportunity to participate as officers of working groups when there are vacancies and to vote on working group output.

The WiMAX Forum organizes its technical activities through a number of Working Groups that produce technical requirements, develop technical specifications, or advise the forum. These groups are coordinated by the Technical Steering Committee. The WiMAX Forum Working Groups include:

- **SPWG** - Service Provider Working Group - *Requirements*
- **SEWG** - Smart Energy Working Group - *Requirements & WiGRID Initiative*
- **AWG** - Aviation Working Group - *Procedures, Profiles & AeroMACS Initiative*
- **TWG** - Technical Working Group – *Technical*
  - **CTG** - Certification Task Group - *Technical*
  - **NTG** - Network Task Group - *Technical*
- **GRWG** - Global Roaming Working Group - *Technical*
- **RWG** - Regulatory Working Group - *Advisory*

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.

To view the most up-to-date information on our Working Groups, please visit [www.wimaxforum.org/about/working-groups](http://www.wimaxforum.org/about/working-groups).

### **Your participation is important to the WiMAX community!**

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. Working Group activity is integral to the success of the Forum.

If you or your company is interested in participation in our Working Groups or a leadership role, please contact the TSC Chair [Rich Hawkins](#) at [Rich.Hawkins@WiMAXForum.org](mailto:Rich.Hawkins@WiMAXForum.org)

## **WiMAX FORUM NEWS**

The WiMAX Forum weekly Newsbrief contains the summary of news from around the WiMAX ecosystem and is intended as a benefit to our community. If you do not yet receive the Newsbrief and wish to do so, please sign up here: [WiMAX Newsbrief](#).

### **Below is a summary for the month of August:**

- [SGIP 2nd Annual Conference](#)
- [Laptops With Wireless Wan Or WiMAX: Wireless Solutions With WiMAX In San Antonio](#)
- [Gunieanet rolls out Altai Wi-Fi solution](#)
- [Announcing Foremost Conference on Mobile Backhaul & Packet Transports on 23 & 25 September](#)
- [AeroMACS the Next Generation Standard in Air Traffic Management](#)
- [Global Oilfield Communications Market \(Upstream and Midstream, Unified, M2M, Video Conferencing, WiMax, VSAT, Onshore and Offshore\) - Forecast to 2019](#)
- [WiMAX Oil & Gas](#)
- [SferaNET enters NewConnect stock exchange](#)
- [Ears to the Ground and Beyond](#)
- [TS wins WiMAX support tender at TTK](#)
- [Peruvian telco Olo may enter Ecuadorian market](#)
- [Wireless China Industry Summit 2014](#)
- [Smart Connected Device Market - Global Industry Analysis, Size, Share, Growth, Trends And Forecast 2014 - 2020](#)
- [1st Workshop on Convergence of radio and optical technologies](#)

- **TCT to increase its bandwidth capacity**
- **Next-Generation Packet Transport Networks 2014**
- **Netia picks Arris to deploy new router technology**
- **Westermo Introduces Managed Industrial PoE Switch for Infrastructure Applications**
- **EU Reaches 'Broadband for All' Target**
- **NT provides Wi-Fi service in Sajha buses**
- **Sazz expands WiMAX coverage**
- **FAS approves transfer of WiMAX firm FreshTel to VEB**
- **Africa's Tower Ownership Moves from MNOs to Independents**
- **Nextnet sells 2.6 GHz permit**
- **Smart Grid Latin American Forum 2014**
- **Montenegro broadband base grows in June**
- **Guineanet Selects Altai for WiFi Network in Equatorial Guinea**
- **FAA Seeking Data from WiMAX Forum Members with Request for Information on AeroMACS**
- **Industry Leaders Discuss White Space and Shared Spectrum Opportunities at Super Wi-Fi Summit**
- **Sazz Internet starts services in Lyankaran**
- **Smart Grid Latin American Forum 2014**
- **NOJA Power unveils support for its OSM series automatic circuit reclosers**
- **Brazil reaches 23.22 mln fixed broadband subscribers**
- **TTK runs WiMAX network services tender**
- **WiMAX Africa 2014**
- **Special Offer on SMA Coaxial Connector from China Electrical Accessory Manufacturer LenoRF**
- **July 2014 WiMAX Forum Monthly Newsletter**



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