



IN THIS ISSUE

- **Introduction**
- **Events**
- **Membership Services**
- **Working Groups**
- **WiMAX Forum News**

INTRODUCTION

Dear Friends and Members - The Staff and Members maintained a pretty blistering schedule of value added activities over the past 30-60 days supporting our initiatives in **WiMAX Advanced**, **WiGRID** and **AeroMACS**. We are seeing dramatic resolution in many of our key activities.

I am particularly impressed at the pace and quality of work in the **Aviation Working Group** centered on the Network Reference Design effort. This effort will be not only critical to better understanding the full AeroMACS network architecture, but also instrumental to our 2015 Federal Communications Commission activities.

We are looking forward in November to an exciting event in Houston at OilComm which will focus users and manufacturers on the **Oil and Gas Opportunity**. Additionally, we will be hosting our third **AeroMACS conference** in the last 12 months in Sendai, Japan – for which we gratefully acknowledge the work of **Hitachi** and others!

We have sent our 2015 renewal correspondence to the Membership early in October – you will all note a different schedule for invoice delivery and due dates – additionally we have simplified our membership structure and classes. I appreciate in advance your cooperation in processing our renewal paperwork promptly. Please don't hesitate to reach out to our Finance team lead, **Mr. Jack Daniels** should you have any questions or comments.

Finally, we are scheduling a round of face-to-face meetings with the Federal Communications Commission (FCC) in Washington D.C, in collaboration with the **Utility Telecom Council** and the **American Petroleum Institute** to further defend the continued unhindered use of the so-called **3.65GHz band** in the United States for industrial applications. We are confident that the coalition we have built has a compelling message for the FCC. A similar formal work study activity commences in November in Brazil aimed at solidifying some favorable spectrum position for Utilities to build smart grids over WiMAX. If you have any questions concerning the FCC or Brazil activities, please reach out to Forum President **Declan Byrne** directly.

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

- **WiMAX Oil & Gas 2014** on November 5, 2014. WiMAX Oil & Gas 2014 will be a pre-conference session at **OilComm** at the George R. Convention Center in Houston, TX.
- **WiMAX Africa 2014** will take place on Monday, November 10, 2014 at the **DoubleTree Cape Town – Upper Eastside** in Cape Town, South Africa.
- **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 12. The meeting will also be collocated with ICAO WG-S Meeting on November 13-14.

If you have any questions regarding any of this or our organization's activities, please reach out to us. We at the WiMAX Forum wish you all a wonderful remainder of October and a prosperous November.

Best Regards,

WiMAX Forum

EVENTS

In October, 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:



WiMAX Oil & Gas 2014 will be a pre-conference session at OilComm on Wednesday, November 5, 2014 at the Hilton Americas in Houston, TX. The program will focus on supporting the Oil & Gas community in deploying effective and affordable WiMAX networks to manage profitable development and growth of their communication initiatives.

There will be new key speakers from the ecosystem to discuss and debate a wide range of topics. Speaker organizations include: **Accenture, CelPlan Technologies, Chevron, GE Digital Energy, Johnston Technical Services, Keller and Heckman, Powertech Labs, Select Spectrum, Siemens, SynKro Southwest, LLC, Telrad Networks**, and others. Topics of discussion include Oil & Gas Applications, Spectrum Availability & Dependence, SCADA, and Case Studies.

WiMAX Oil & Gas 2014 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.

Participation 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**.



WiMAX Africa 2014 will take place 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.

Sponsored By:

Alepo Technologies Inc. - Platinum Sponsor



CelPlan Technologies - Gold Sponsor





The WiMAX Forum is pleased to announce the first Aviation Event in Sendai. **WiMAX Aviation 2014 - Sendai** will be held at **The Westin Sendai** on November 11-12. The WiMAX Forum will have an AeroMACS field-trial tour of the ENRI lab in the Sendai Airport in the afternoon on November 12. The meeting will also be collocated with ICAO WG-S Meeting on November 13-14. This event will focus specifically on supporting the global Aviation Community in managing profitable development and growth of their AeroMACS networks.

WiMAX Aviation 2014 - Sendai is an event for all participants to meet, exchange ideas, and develop business and cooperative relationships. The event will highlight the opportunities, challenges, and strategies involved in operating efficient AeroMACS networks.

This event is constructed to allow the global Aviation Community to network, share key lessons, and collaborate for the benefit of the industry. Our goal is for attending participants to gain concrete knowledge that will help them build best-in-class AeroMACS networks.

AeroMACS Field-Trial Tour of the ENRI Lab in the Sendai Airport

On November 12, there will be an AeroMACS field-trial tour of the ENRI lab in the Sendai Airport from 2:30 pm to 4:30 pm to observe active projects, construction, and/or operations at sites with a local host. Transportation between the Westin Sendai and the tour site will be provided.

The number of participants in the tour is limited so please register soon to guarantee your attendance and indicate on your registration if you plan to join the tour.

Registration is required for this event. For additional information and registration please visit: [WiMAX Aviation 2014 - Sendai](#).

Supported By:



Sponsored By:

Diamond Sponsor



Platinum Sponsor



Silver Sponsor



Local Supporter & Sponsor:



Serving the industry for 22 years, the Exhibitions India Group is proud to play an integral role in the changing landscape of the Indian Information and Communication environment. As we move towards a world-connected economy, the milestone 23rd Edition of **Convergence India 2015** expo is themed as "Connecting India". **It will take place in Pragati Maidan, New Delhi, India on January 21-23, 2015.**

The forthcoming expo will showcase innovation and leading devices to enhance e-Development at all levels and drive the growth of urban usage. Focused business-matching will provide the perfect opportunity to network with industry executives and establish new relationships. Attracting global leaders, the expo will serve an ideal platform for knowledge-experts to share insights and successful case studies across the globe.

For more information and event registration, please visit **23rd Convergence India 2015**.



WiGRID 2015 - DistribuTECH will be a pre-conference session at **DistribuTECH** on **Monday, February 2, 2015** in San Diego, California at the **San Diego Convention Center**. The program will focus specifically on supporting the Smart Grid community in deploying effective and affordable WiMAX networks to support their communication initiatives.

WiGRID 2015 - DistribuTECH will present real Case Studies from Utilities, Operators, and Vendors. Additionally, the **Smart Energy Working Group (SEWG)** will meet for continuation of group business, and attendees are invited to observe.

Participation is free to attendees of DistribuTECH. It is open to all participants of the WiMAX ecosystem, and membership in the WiMAX Forum is not a requirement to attend. **WiGRID 2015 - DistribuTECH** participants will receive an Association Full Conference price to register for DistribuTECH.

For more information and registration, please visit **WiGRID 2015 - DistribuTECH**.

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 (*Free*)
- Diamond Sponsorship (*WiMAX Forum Members Only*)
- Platinum Sponsorship
- Gold Sponsorship
- Silver Sponsorship
- Exhibitor (*Upon Availability - 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.

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**
- **DFS Deutsche Flugsicherung GmbH**
- **Ecil Energia**
- **Embry Riddle Aeronautical University**
- **Exelis**
- **Great River Energy**
- **Green Packet Berhad**
- **Hawaiian Electric**
- **Iberdrola USA**
- **Intellecom 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 send a message to Membership@wimaxforum.org.

WORKING GROUPS

To advance the **Aviation** initiative, AWG members collaborate to implement their plan to achieve full AeroMACS certification and develop a Network Reference Model in 2015. Because a common Security standard is becoming increasingly important to the Aviation Community, its PKI task group is developing AeroMACS x.509 Certificate Profiles and Policies.

With comments and reply comments submitted in response to the recent FCC NPRM related spectrum in the 3.5 GHz band, SEWG is progressing with a spectrum plan and a tentative meeting with the FCC for the **WiGRID** Initiative. Regarding other Smart Energy initiatives, **SEWG** members further develop

the Oil & Gas and Railroad Initiatives by participating in industry-related events like OilComm and AAR Wireless Communications Committee meeting to present use cases and applications of the technology.

With the support of the SPWG, the WiMAX Forum published a white paper called "WiMAX Advanced: Deployment Scenarios Based on Input from WiMAX Operators and Vendors" to define common scenarios and provide recommendations for WiMAX and WiMAX Advanced co-existence and/or transition to further the **WiMAX Advanced** initiative. To read the white paper, please click [here](#).

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.

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

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 October:

- **Euro operators cool on TD-LTE potential**
- **TTK expands WiMAX network in Perm**
- **WiMAX Oil & Gas 2014 Schedule at a Glance**
- **Enforta starts services at Samara stadium**
- **2015 UTC Telecom and Technology Call For Presentations**
- **Cerillion Technologies selected by Swan for 4G launch**
- **ICNS 2015 Call for Participation**
- **Amp Achieves Flat Gain to 12 GHz**
- **Mezon lowers call-centre rates**
- **New aviation communications system ready for take-off**
- **Airlines call for harmonized standards on aircraft e-enablement**
- **Committee Acts on NextGen Implementation**
- **WiMAX Aviation 2014 - Sendai**
- **4G Technologies Boot Camp**
- **BSNL Offers All Home Unlimited Broadband plans to Business Users**
- **Kontron next-generation COBALT delivers application-specific I/O ideally suited to established military application profiles**
- **Accenture, Huawei enter strategic alliance agreement**
- **Siemens acquires Charlotte-based Camstar industrial software firm**
- **TTK launches WiMAX in five cities**
- **Telecom Namibia Setting Up Fibre Network For Government**
- **ICT summit boosts business**
- **GE, forges Internet of things alliances with Verizon, Cisco, Intel**
- **OilComm Schedule at a Glance**
- **Rostelecom to pay RUB 1.7 bln for Freshtel stake**
- **At the Forefront of Advanced Manufacturing**
- **Innovative Solutions for Extending Broadband**
- **WiMAX Africa 2014**
- **Windstream Likely to Accept CAF II Broadband Funding**
- **3 Great WiMAX Forum Conferences Packed into 7 Days - Developing Profitable WiMAX Networks Across Several Industries**
- **40mIn internet subscribers' milestone touched**

- **Enforta claims 52,000 corporate subscribers**
- **Vietnam, Japan unveil plan to develop four key industries**
- **New Spectrum Measure up to Analyzers 8GHZ**
- **Shanghai Yupei (Group) Invests US\$300 Million in Establishing an e-Commerce Logistics Project in Changzhou Aviation Industrial Park**
- **Enforta starts services for Gaz & Oil Trans**
- **Nepal Telecom announces Dashain & Tihar festival offer**
- **Viva Bahrain CEO: data to eclipse voice in two years**
- **E-Networks first in LatAm to use O3b's 'fibre in the sky'**
- **Into the Internet of Things (IoT)**
- **WiMAX Forum Events at a Glance**
- **CelPlan Technologies and UALR Enter Into Academic Agreement**
- **Jordan passes 1.5 mln internet subscribers**
- **T-Mobile looks to score 700 MHz spectrum from Frontier, Kurian**
- **Enforta starts services at Voronezh church**
- **Friendly Technologies launches Monitoring Pro solution**
- **ATCA 59th Annual Conference**
- **TTK launches WiMAX networks in more cities, towns**
- **September 2014 WiMAX Forum Monthly Newsletter**



© 2014 WiMAX Forum®. "WiMAX", "Mobile WiMAX", "Fixed WiMAX", "WiMAX Forum", "WiMAX Certified", "WiMAX Forum Certified", "WiGRID", the WiMAX Forum logo, the WiMAX Forum Certified logo and the WiGRID logo are trademarks or registered trademarks of the WiMAX Forum. All other trademarks are the properties of their respective owners.