



IN THIS ISSUE

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

INTRODUCTION

Dear WiMAX Community,

The WiMAX Forum staff has just concluded its annual offsite, during which we strategized about the goals and objectives of the organization for the balance of 2014 and what we feel are the critical strategic goals of the company for 2015. A very exciting agenda was agreed upon which we hope to share with the Board of Directors and you, the Membership, in short order. We have concluded that our priorities remain:

1. Successful development of WiMAX Advanced recommended service profiles. This activity is being helmed by the Service Provider Working Group and will publish later this year specific common use cases and recommendations for Service Providers seeking to transition from WiMAX to WiMAX Advanced (by utilizing 3GPP technologies).
2. WiGRID remains a key element of our business. We agreed that continued marketing and business development in this market segment is fundamental to our common success. We identified WiGRID 2.0 as a very important next step in the continued enhancement of the profile. Finally, in a joint session with the Smart Energy Working Group, we agreed that the Forum must be much more proactive in its pursuit of specific and dedicated spectrum both in the USA and Brazil (as our first efforts) for Utility and Oil & Gas use. We have beefed up our UTC Phoenix program to include spectrum experts and will have staff from the Federal Communications Commission in Washington, D.C. on hand to learn from us and to share their own views. Stay tuned for more exciting news on this front!
3. Finally, we agreed that AeroMACS remains a fundamental long-term business for the organization. We fine-tuned the agenda for the upcoming Brussels conference (co-hosted by EUROCONTROL), and discussed our balance of the year activities to include presentations in China and another aviation summit in October in Japan. Please stay in touch with us as these plans finalize.

As a reminder the WiMAX Forum is currently winding down the bulk of its renewal season. Many of your organizations will have been contacted by our membership and finance teams by now. As always we stand ready 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 look forward to continuing to work with you in 2014.

Best Regards,

The WiMAX Forum

EVENTS

In April, 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. Following is the summary of the upcoming events:



The WiMAX Forum is pleased to invite you to participate at WiMAX Forum Smart Energy Working Group & WiGRID 2014 at UTC. **This will be an open pre-conference Working Group session at UTC on Tuesday, May 6, 2014 starting at 7:30am for coffee and snack with the meeting starting at 8:00am at Sheraton Phoenix Downtown Hotel** located at 340 N. 3rd Street, Phoenix, AZ 85004.

The working group session will focus on specification development, including utility requirements for WiGRID2 as well as System Profile documents. We will discuss revisions to the certification process as well. In addition to the working group session, there will be a discussion on “Spectrum Alternatives & Solutions for WiGRID”. We will have one or two key individuals attending that can share in a discussion on the 3.5GHz NPRM that was recently released by the FCC as well as rules of game that will be released by the end of year. In addition there could be other Spectrum Alternatives that could be useful for utilities. These topics will begin after the 10:00am coffee break by our guests Fred Campbell and Kamran Etemad.

This is an open session of the **Smart Energy Working Group (SEWG)**. 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 Smart Grid ecosystem. The event will highlight the opportunities, challenges and strategies involved in operating a profitable WiMAX network as well as focus specifically on supporting the Smart Grid community in deploying effective and affordable WiMAX networks to support their communication initiatives.

Participation in this event is free WiMAX Forum Members and to attendees of UTC. WiGRID 2014 is open to all participants of the WiMAX ecosystem, and **membership in the WiMAX Forum is not a requirement to attend.**

Attendees: Please email Sophia Chang at Sophia.Chang@WiMAXForum.org with your RSVP.

For additional information, please visit: [WiMAX Forum Smart Energy Working Group & WiGRID 2014 at UTC](#)

We look forward to seeing you in Phoenix!



The WiMAX Forum is pleased to announce the first Aviation Event in Brussels. **WiMAX Aviation 2014 - Brussels** will be held at the **EUROCONTROL Headquarters** on May 14-15. This event will focus specifically on supporting the global Aviation Community in managing profitable development and growth of their AeroMACS networks.

WiMAX Aviation 2014 - Brussels 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.

WiMAX Aviation 2014 - Brussels 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 Aviation 2014 - Brussels](#)

Host-Sponsor:



Supported By:



Sponsored By:

Hitachi - Gold Sponsor



CelPlan Technologies - Exhibitor Sponsor



In its 9th year, the FTTH Conference & Expo is the biggest event for the FTTH industry in Asia and will be held from **June 3 to 5** in 2014 at the **Equatorial Hotel, Penang**. More than 600 attendees from the entire FTTH industry chain – including telecom equipment manufacturers, broadband service providers, technology companies, and any other industry stakeholder interested in the area of fibre access networks – will be attending.

Over a three-day conference, the FTTH Conference & Expo will feature FTTH presentations, streamed workshops, keynote insights, and industry-led panel discussions that will cover FTTH marketing, development, technologies, innovation, and market developments / trends of Fiber to the Home in Asia.

For more information and registration, please visit: [FTTH Council Asia-Pacific Conference](#).



With over 1,000 attendees, **Carrier Wi-Fi World Summit** welcomes the entire Wi-Fi ecosystem. This is your chance to hear from CTOs and Senior Executives from the world's leading operators. For the first time ever, the event will also play host to the end users from transport, retail, enterprise, and stadia.

The event comes at an ideal time. With an increased focus on managing growth in broadband traffic and driving innovations to capitalize on revenue streams, Carrier Wi-Fi World Summit presents the latest case studies and technological developments.

The WiMAX Forum is a proud supporting organization.

For more information and registration, please visit: [Carrier Wi-Fi World Summit 2014](#).



Internet of Things World on 17-18 June 2014 at Crowne Plaza Palo Alto, 4290 El Camino Real, Palo Alto, California 94306, USA, is the only independent business event dedicated to IoT anywhere in the world. The event is unique in a number of ways, including in its pure focus on IoT, its location here in the heart of Silicon Valley, the global nature of its participation, the breadth of ecosystem that it will bring together, the depth of quality conference agenda, the developer features including the IoT Hackathon, and the structured networking opportunities that it will provide.

Delegate passes start from \$995, and WiMAX Alliance members can take advantage of an **exclusive 15% discount**, applicable at time of booking.

For more information and registration, please visit: [Internet of Things World 2014](#).

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*)
- Exhibitor (*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.

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

There are currently 106 members of the WiMAX Forum in good standing. The WiMAX Forum would like to extend a special welcome to the new members from 2014:

- [Ecil Energia](#)
- [Exelis](#)
- [Green Packet Berhad](#)
- [Intellecom LLC](#)
- [Kyocera Communication Systems Co.](#)
- [Magnaquest Technologies Ltd](#)
- [Seowon Intech](#)

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.

If you have questions regarding your membership, please contact Raul Rigo at Raul.Rigo@WiMAXForum.org; +1-305-582-7590.

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 GROUPS

The WiMAX Forum successfully published 8 specifications related to WiMAX Advanced Releases 2.1 and 2.2 to drive the **WiMAX Advanced** initiative. For the **Aviation** initiative, AWG has developed AeroMACS X.509 Certificates & Certificate Policy Use Cases, in an effort to continue moving forward with the plan to achieve AeroMACS Certification in 2014 to serve the Aviation Community.

At the **SEWG Working Group session** at UTC Telecom 2014 in Phoenix, SEWG members will continue to develop drafts of requirements for WiGRID 2 to incorporate features developed in IEEE Std 802.16n and IEEE Std 802.16p, such as enhanced security and authentication as well as network reliability improvements.

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. Principal 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 & Aviation Initiative*
- **NWG** - Network Working Group - *Technical*
- **TWG** - Technical Working Group - *Technical*
- **CWG** - Certification Working 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

CERTIFICATION

As the exclusive organization dedicated to certifying the interoperability of **IEEE 802.16e products**, the WiMAX Forum defines and conducts conformance and interoperability testing across many vendor systems and devices. Passing the suite of tests in one of our WiMAX Forum Designated **Certification Laboratories** will earn your company's product the "WiMAX Forum Certified™" designation. We now have a new profile to serve the utility industry and provide "WiGRID Certified" product testing and certification.

WiMAX Forum and WiGRID **Certified Products** enable worldwide interoperability. Products that have been through the certification program will reduce investment uncertainties for all parties across the access network value chain, from technology providers to service providers to end users.

Latest WiGRID Certified Products



Vendor: CISCO



Model Name: 1120 and 1240

Device Type: Subscriber Station

Model Number: 1120 and 1240

Hardware Version: Version 1.0

Software Version: Connected Grid OS version 4

Ruggedized Router with multiple WAN options like WiMAX, 3G and Ethernet. Also NAN technology such as 802.15.4g/e and 1901.2

Vendor: GENERAL ELECTRIC



Model Name: GE MDS Mercury Series

Device Type: Subscriber Station

Model Number: MERSINA, MERSINB, MERSINE

Hardware Version: 1.0.6

Software Version: 3.2.6



Model Name: GE MDS Mercury Series

Device Type: Base Station

Model Number: MERBINA, MERBINB, MERBINE

Hardware Version: 1.0.6

Software Version: 3.2.6

The MDS Mercury Series is a highly secure industrial grade WiMAX Communications platform for mission critical industrial applications. Existing frequencies include 1800, 3650 and 5800 MHz. The Series supports Ethernet, serial, USB and WiFi connectivity and offers extended range and aggregate throughput of up to 30Mbps.

Vendor: SIEMENS



Model Name: RUGGEDCOM WIN

Device Type: Subscriber Station

Model Number: WIN 5x18, WIN 5x37, WIN 5x58

Hardware Version: 8

Software Version: 4.3.4621.43

RUGGEDCOM WIN 5000 series with external or integrated antennas



Model Name: RUGGEDCOM WIN

Device Type: Base Station

Model Number: 7018, 7237, 7258

Hardware Version: 29 (7000), 5 (7200)

Software Version: 4.3.4621.43

WiMAX FORUM NEWS

The WiMAX Forum 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 for the month of April:

- **SURE! Launches WM+ Edition: Subscription Management Solution Exclusively For WiMAX Operators**
- **FTTH Asia-Pacific Conference & Exhibition 2014**
- **Fixed WiMAX broadband internet service launched**
- **GP to launch fixed WiMAX services**
- **Drexel University pursues smart networking via WiMAX**
- **Vee Time to spin off WiMAX unit**
- **BSNL Kerala circle profit to touch Rs 400 crore**
- **IndyCars will soon stream racecar telemetry straight to your home**
- **C-Change Enterprise Connect 2014 Awards: ONGC bags Innovator category award**
- **Telrad focused on its TD-LTE future but still sees WiMAX demand**
- **Romania's Radiocom to enter telecoms market**
- **ADN launches WiMAX for users**
- **Romania's Radiocom to enter telecoms market**
- **Yes 4G spreads its wings to Sabah with major towns covered**
- **WiMAX Aviation 2014**
- **Free Webinar: Telecom Operators Moving Forward with a Converged Ecosystem**
- **WiMAX Forum Smart Energy Working Group & WiGRID 2014 at UTC**
- **A New Perch For Wireless Research**
- **TTK to launch WiMAX networks in 19 cities**
- **Free Webinar: How to Dimension User Traffic In 4G Networks**
- **OilComm 2014 - Call for Presentations**
- **13 days to go for 4G World India. Block your seat for the conference today**
- **IoT World Event WiMAX Member Discount**
- **Antenna Systems 2014 - Call for Presentations**
- **Edotco to invest \$ 50m within next one year**
- **Burundi, Sierra Leone get Smart**
- **The 2014 AMC/AEEC Conference**
- **Cisco at IEEE Event in Chicago this week!**
- **WiMAX Aviation 2014 - Brussels to Explore Future Outlook of Airport Communications**
- **Game on: With need of high speed, broadband subscribers grow**
- **Samsung Shows Off WiMAX Handhelds**
- **Redtone provides 100Mb connectivity for mixed development in Penampang**
- **Illinois Rural Electric Cooperative Selects Tantalus for AMI Deployment**

- **No Extra Time: “Highways in the Sky” are Helping Brazilian Airports Navigate Through World Cup Fever**
- **Empowering Societies Through Internet For All**
- **Cameroon Telecoms Report 2014: 3G Licensing and New MVNO to Boost Competition and Mobile Data Revenue**
- **L-com Launches TS-9 Coax Connector and Antennas**
- **Reliance Jio, RCom eye more pacts**
- **Vee Time to merge WiMAX units**
- **National Grid Launches Technology Options for Smart Energy Solutions Program**
- **Ratel gauges interest in 3400MHz-3800MHz spectrum**
- **Netpage WiMAX reaches Brikama**
- **Public Power: Communities: Future-Focused**
- **Wireless Telecom Group’s sales up 14% annually**
- **Preparing for 4G: Wateen, Qubee to upgrade infrastructure**
- **On the go: International airports in Pakistan to offer Wi-Fi**
- **YTL Comms to be profitable soon?**
- **Flexibility for Batelco**
- **Altronix Expands Its NetWay Midspans Product Line At ISC West 2014**
- **Nepal's internet penetration exceeds 30%**
- **WiMAX Forum Names UQ Communications WiMAX Advanced Champion of the Year**
- **WiMAX Aviation 2014 - Brussels**
- **Carrier Wi-Fi Asia**
- **Mercury Networks to Acquire PureWave WiMAX Technology**
- **TRA relaxes broadband restrictions on Batelco**
- **Potential of digital Nigeria**
- **German Telecom Market Sees Rise in M&A**
- **Internet of Things World 2014**
- **Nearly 30 per cent Nepalis have internet access**
- **Mach 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.