

[View this Newsletter in your web browser](#)

The header features a dark blue background with a glowing green and white network grid overlaying a globe. The WiMAX Forum logo, consisting of two overlapping circles, is positioned to the left of the text.

WiMAX FORUM® NEWSLETTER

NOVEMBER 2015

IN THIS ISSUE

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

INTRODUCTION

Dear Respected Colleague,

This November, the **WiMAX Forum** hosted two events: AeroMACS 2015 – National Harbor and TDD Africa 2015, which were well received.

On November 3, the WiMAX Forum hosted **AeroMACS 2015 – National Harbor**, a half-day seminar that was collocated with the **ATCA 60th Annual Conference and Exhibition** in the DC area. The event was well attended by airlines, airport authorities, government, AeroMACS Manufacturers, and other representatives from around the globe who spoke at our event. Underscoring the immense potential of AeroMACS, valuable discussions took place on AeroMACS standardization, certification, security, and applications for airborne, airport surface communications, and civilian & military crossover.



The event illustrated the tremendous interest in the use of AeroMACS and further drove collaboration among key industry players in the support of broadband technology as an industry standard. The WiMAX Forum would like extend an especial thank you to **CelPlan Technologies** for supporting the event and the speakers from the following companies:

ADCC	Honeywell
ARINC Standards Development	Massport
CelPlan Technologies	Powertech Labs
FAA	SAAB Sensis
Gemtek	Siemens
Harris Corporation	

Within the same week, on November 5 at the FAA Headquarters, the WiMAX Forum along with the FAA and Honeywell presented at an AeroMACS seminar designed to bring awareness of the latest AeroMACS developments to the broader FAA audience.

On November 16, the WiMAX Forum and **GTI** co-hosted **TDD Africa 2015** in Cape Town, South Africa. This event was successful in having 11 operators participate. The group discussed how to profitably deliver TDD wireless connectivity to Africa, delving deeper on funding options available to operators and innovative solutions and considerations for TDD 4G and 5G. Thank you to our sponsors for their generous contributions: **PCCW, CelPlan Technologies, Tarana Wireless, and Telrad Networks**. Additionally, the WiMAX Forum would like to thank speakers from the following companies:

ABS	MicroTeck Enterprises
CelPlan Technologies	Nokia Networks
Convergence Partners	PCCW
ConvergEX Technologies	Tarana Wireless
GTI	Telrad Networks
IFC	WBA

Look out for more information on **WiMAX Advanced, WiGRID, AeroMACS**, as well as other **upcoming events** to be announced as of yet.

Our 2016 renewal cycle has begun. Members should have seen communications to give our members ample time to pay their membership dues. For more information regarding your membership status, please send a message to **Membership@WiMAXForum.org**, and we will respond as quickly as possible.

If you have any questions regarding any of this or our organization's activities, please reach out to us. We look forward to hearing from you and continuing to work with you. We wish you all happy holidays and hope to see you at one of our upcoming events.

Best Regards,

WiMAX Forum

EVENTS

In November, the WiMAX Forum continues to stay busy planning and attending events. We will continue our efforts to bring you quality events directly hosted by the WiMAX Forum, and we will be present and participate at key industry events. The WiMAX Forum team looks forward to seeing you at of these events.

The following is the summary of the upcoming events:



IEEE GLOBECOM 2015 is one of two flagship conferences of the IEEE Communications Society (ComSoc), together with IEEE ICC. Each year the conference attracts about 3000 submitted scientific papers and dozens of proposals for industry events. A technical program committee of more than 1,500 experts provides more than 10,000 reviews, and from this a small fraction of the submitted papers are accepted for publication and presentation at the conference.

IEEE GLOBECOM 2015 will take place on **December 6-10, 2015 in San Diego, California**. Two days are dedicated to tutorials and workshops, while the remaining three days are dedicated to the IF&E program and the technical symposia. The program of the technical symposia includes oral or poster presentations of about 1000 scientific papers, grouped into 12 thematic symposia, and more than 15 parallel sessions.

The WiMAX Forum is proud to be a supporting organization!

For more information and event registration, please visit [IEEE GLOBECOM 2015](#).



Is your company investigating how to employ the Internet of Things in its business? Register for the two-day intensive workshop to learn how to start your company's IoT business and product line.

Location & Venue	Dates
Chicago – Aloft Chicago City Center	December 10-11
Mountain View – Computer History Museum	December 14-15

This training course is designed for anyone from the start-up phase, investigating how to employ the Internet of Things into business to large enterprises looking to train new employees on the ins and outs of the booming IoT business.

The WiMAX Forum is proud to be a supporting organization!

For more information and event registration, please visit [Internet of Things World Academy 2015](#).



Industry of Things World USA is a new international knowledge exchange platform bringing together all stakeholders playing an active role in the industrial Internet of Things scene. Over 2.5 days, you will get inspirational keynotes and well moderated, interactive world cafe sessions, workshops, briefings, panel discussions, and network activities.

Join the conversations at the Industry of Things World USA in February to accelerate market adoption and gain a deeper business and technical understanding of the Industrial Internet landscape. It will take place on **February 25-26, 2016 at the Hard Rock Hotel in San Diego, CA, USA.**

The WiMAX Forum is proud to be a supporting organization and will be at Industry of Things World USA 2016!

Come see [Declan Byrne](#), WiMAX Forum President, discuss "Aviation Internet of Things" at World Café Roundtable 1 (Group A) on Friday, February 26 at 11:00AM.

For more information and event registration, please visit [Industry of Things World USA 2016](#).



Internet of Things North America 2016 is an innovative event covering advanced connectivity and cloud based monitoring/control of devices, facilities, automobiles, people, and enterprise operations. Already in its third year, the 2016 event will once again be held in **Chicagoland area on April 13-14, 2016.**

This event provides a forum to discuss new developments in technology, market conditions and end-user requirements that are driving innovation, capabilities and features, application trends and performance improvements in the machine, device and building intelligence, connectivity/telemetry and IoT industry.

The WiMAX Forum is proud to be a supporting organization!

For more information and event registration, please visit **[Internet of Things North America 2016](#)**.

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. 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 2015. 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.

If you are interested in speaking with our leadership team on our specific initiatives or have questions regarding WiMAX Forum Membership, please send a message to **Membership@wimaxforum.org**.

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

2015:

- [American Association of Airport Executives \(AAAE\)](#)
- [Alpha Tel S.A.](#)
- [Gemtek](#)

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 Working Groups** focus on **AeroMACS**, **Smart Energy**, and various spectrum access solutions.

The Aviation Working Group (AWG) met face to face on the margins of the ATCA event in National Harbor, MD on November 4-5. The group discussed key project initiatives related to AeroMACS Certification and AeroMACS PKI. The Certification Task Group (CTG) focused on finalizing the Radio Conformance Tests procedures to support AeroMACS Certification. The PKI task group has finalized draft Certificate Profiles, and a Certificate Policy document is being developed as a next step. The group will submit a working paper based on the Certificate Profiles and Certificate Policy to **ICAO** Working Group S, continuing its collaboration with ICAO so that these can serve as guidelines to the groups in the industry that are planning AeroMACS deployments. The Forum is finalizing its Service Rule petition to the FCC for the use of AeroMACS Spectrum in the United States. This Service Rule petition will set the ground rules for exploitation of the spectrum for the next 20 years.

Regarding the 3.5 GHz band, the Smart Energy Working Group (SEWG) members are planning to further influence the FCC's CBRS rules that regulate the 3.5 GHz band and to form a viable shared spectrum ecosystem in the United States. A Public Notice has been released by the FCC's Wireless Telecommunications Bureau soliciting comments on its proposed methodology for defining the zone in which grandfathered 3650-3700 MHz licensees will receive interference protection during the transition of that band into the larger 3550-3700 MHz regulatory regime. The WiMAX Forum along with its members are examining whether these protections are adequate for incumbent systems and are preparing to file comments with the FCC. Collaborating with utilities, the WiMAX Forum continues to investigate other smart grid spectrum alternatives such as the 700MHz band with 1MHz channels and pursue the interests of the Smart Grid industry. For narrowband applications, the SEWG members are working with IEEE to bring to market devices for this and other sub 1GHz spectrum.

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 & WiMAX Advanced Initiative*
- **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 - *Advisory*
- **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**. 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.

Your participation is important to the WiMAX community!

Now is the time to get involved. With activities gaining serious momentum, it is a crucial time and a great opportunity to influence and leverage these activities. 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. To find more information on our Working Groups, please visit: www.wimaxforum.org/about/working-groups.

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 November:

- [Worldwide AeroMACS Implementations Prove Their Tremendous Potential](#)
- [FAA Focuses On U.S. Aviation Global Leadership](#)
- [Fernando de Noronha receives investments for more efficient consumption and power generation](#)
- [Internet of Things North America 2016](#)
- [How wireless internet connected 180 000 Nigerians to the internet](#)
- [What does 'Data to Inform' cover, and why is it important to NextGen?](#)
- [US aviation leader visits Dubai Air Show](#)
- [UAS Integration into the National Airspace System](#)
- [Internet of Things World Academy 2015](#)

- **NextGen Fund Provides Low-interest Loans for NextGen Avionics**
- **Wireless Telecommunications Bureau Seeks Comment on an Appropriate Method for Determining the Protected Contours for Grandfathered 3650-3700 MHz Band Licensees**
- **FCC's move puts U.S. in stronger position for 5G leadership**
- **FAA Focuses on U.S. Aviation Global Leadership**
- **Total Telecom Festival 2015**
- **IoT Expert Jason Hope Comments on Fortune Article About Warnings and Risk of Ignoring Internet of Things**
- **Cisco earnings, Mobilitie financing ... 5 things to know today**
- **WiMAX Forum Proud to be Partnering Carrier Network Virtualization 2015**
- **TTK connects Medenta clinics to WiMAX network**
- **Industry of Things World USA with WiMAX Forum Participation**
- **Constructive Collaboration on Display at NAC Meeting**
- **ICNS Call for Participation 2016**
- **Northrop Grumman Will Support NextGen Air Transportation System**
- **European Commission Inaugurates New Lab for Interoperability of E-Vehicles and Smart Grids**
- **Congress urged to deliver transformational Air Traffic Control reform**
- **TDD Africa 2015 This Month in Cape Town**
- **3.65 GHz protection contours**
- **System Wide Information Management (SWIM) - Information Access to Transform the Aviation Community**
- **Siemens and Atos demonstrate importance of their Global Alliance**
- **Northrop Grumman Wins Contract to Support Next Generation Air Transportation System**
- **Total Telecom Festival 2015 at the at Hilton London Wembley**
- **Company Shares of Sequans Communications S.A. (NYSE:SQNS) Rally 32.17%**
- **Company that speaks the language of industry**
- **October 2015 WiMAX Forum Monthly Newsletter**



© 2015 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.

[SIGN UP](#) | [ARCHIVE](#) | [Read more at WiMAXForum.com](#)

