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INTRODUCTION

Dear Respected Colleague,

The **WiMAX Forum** with the participation of our **Member Companies, Working Group Representatives** and **Board of Directors** is producing important work to support and advance Aeronautical Mobile Airport Communication System (**AeroMACS**), **WiGRID**, and the **WiMAX** technology.

Last month, Oscar Marcia, Founder and CEO of **Eonti** presented AeroMACS during the "Critical Infrastructure Protection for Communications" panel at the **IEEE ComSoc International Communications Quality and Reliability Workshop** in Austin, Texas. The IEEE CQR International Workshop is held annually with the purpose of bringing together industry and academic experts to present and discuss communications quality, reliability and security issues as they relate to real world issues.

This month, the WiMAX Forum continues to stay busy preparing for exciting meetings and events to raise awareness about the benefits of the WiMAX technology. This year promises much progress for the AeroMACS market, which is derived from our efforts in developing certification and security as well as our continuation in hosting and participating in several industrial events.

On July 6, an open day on the Aeronautical Mobile Airport Communication System (AeroMACS) is being organized by the SESAR project PJ14 EECNS. The event open day will feature a demonstration of prototypes developed in the context of the solution and be hosted by Leonardo, EUROCONTROL and Airtel. **Declan Byrne**, the WiMAX Forum President, will deliver a 30-minute presentation on "AeroMACS EcoSystem Milestones for Commercialization." For additional information please click [here](#).

Through events, speaking opportunities, and webinars, we are reaching out to diverse audiences in the WiMAX community about implementing and developing AeroMACS, WiGRID, and WiMAX networks in ways that will best serve all stakeholders. We will continue the pace throughout the year. Please stay tuned for more details and look for information on our **upcoming events** to be announced as of yet.

Please reach out to us if you have any questions or comments. We wish you all a wonderful rest of June and we hope to see you soon.

Best Regards,
WiMAX Forum

INDUSTRY SPOTLIGHT

The WiMAX Forum maintains a bustling schedule of public appearances, white paper publications, webinars, and press releases on behalf of our industry. Below you can find the most relevant activities and latest communications.

• AeroMACS Open Day

An open day on the Aeronautical Mobile Airport Communication System (AeroMACS) organised by the SESAR project PJ14 EECNS (Essential and Efficient Communication Navigation and Surveillance Integrated Systems). The workshop will present progress made on the PJ14-02-06 technological solution "Completion of AeroMACS." Hosted by partners, Leonardo, EUROCONTROL and Airtel, the open day will feature a demonstration of prototypes developed in the context of the solution.

To read the details, please click [here](#).

EVENTS

In the coming months, the WiMAX Forum will host, participate, attend, and support events globally. We continue our efforts to bring you quality conferences hosted by the WiMAX Forum, and we will present and participate at key industry events. The WiMAX Forum team looks forward to seeing you at these events.

Upcoming Events:

 SECURITY OF THINGS WORLD	July 2-3, 2018 Berlin, Germany For more information visit: Security of Things World
 INDUSTRY OF THINGS WORLD ASIA	July 15-17, 2018 Singapore For more information visit: Industry of Things World Asia
 INDUSTRY OF THINGS WORLD	September 23-25, 2018 Berlin, Germany For more information visit: Industry of Things World

	<p>September 24-26, 2018 Denver, Colorado For more information visit: NFV & Carrier SDN</p>
	<p>October 16-18, 2018 Barcelona, Spain For more information visit: IoT Solutions World Congress</p>
	<p>November 14-16, 2018 Orlando, Florida For more information visit: Industry of Things World USA East</p>

The WiMAX Forum plans to host and participate in other events over the course of the year. 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 Membership** provides a wide range of **benefits and services** that promote growth and innovation of AeroMACS, WiGRID, and WiMAX technology.

The WiMAX Forum would like to extend a special welcome to the new members since 2017:

- **Austro Control**
- **CBI Industries, Inc.**
- **Comodo CA**
- **Eonti**
- **GAL Air Navigation Services (GALANS)**
- **Jezetek**

Only WiMAX Forum Members can **certify** products to guarantee interoperability and standard compliance for AeroMACS, WiGRID, and WiMAX; secure networks using **Public Key Infrastructure (PKI)** certificates; develop technical specifications; influence favorable regulatory

environments; and contribute to the growth of the industry through standards development that satisfy the market needs, among other advantages.

The WiMAX Forum is committed to delivering the value necessary for our members to get the most from their membership, and we are always engaging with individual members to discuss how we can better serve them. If you are interested in speaking with our leadership team on our specific initiatives or have any questions, please send a message to Membership@wimaxforum.org.

The WiMAX Forum is the best place to access, leverage, and influence the growth and development of the AeroMACS, WiGRID, and WiMAX Technology. So be a leader and step up to get involved today!

WORKING GROUPS

The **WiMAX Forum Working Groups** are key to the development of WiMAX technology. The WiMAX Forum organizes its technical activities through a number of Working Groups that produce technical requirements, develop technical specifications, and advise the forum. Working Groups are chartered by the WiMAX Forum to bring together content experts from member companies to collaborate and contribute to specification development, harmonize documents, and perform other tasks that the WiMAX Forum has determined to be necessary or useful.

The Working Groups are currently focused on **AeroMACS**, **Smart Energy**, and various spectrum access solutions. If you are interested in participating in our **Working Groups**, please contact us at info@WiMAXForum.org and we will be glad to speak with you about this opportunity. It is a crucial time for your organization to influence and leverage the Working Groups activities and contribute to the development of the market.

The Aviation Working Group (AWG) is currently working on three main technical activities: AeroMACS Product Certification, AeroMACS Public Key Infrastructure (PKI), and the FCC AeroMACS Petition for Rulemaking. The AeroMACS PKI Certificate Policy (CP) is complete and will be published in the first half of 2018. We are in the process of onboarding Certificate Authorities to make AeroMACS PKI commercially available in 2018.

The AeroMACS Designated Certification Laboratory (ADCL) has started Radio Conformance Testing (RCT) on a third set of AeroMACS System products. In parallel, the AWG Certification Task Group is validating test procedures for Protocol Conformance Tests (PCT). The Interoperability Tests (IOT) procedures to support AeroMACS based on current implementations is underway to support an overall certification for AeroMACS compliance in 2018.

The WiMAX Forum and **ICAO** collaborate in the oversight of AeroMACS PKI for the ecosystem in the AeroMACS Advisory Council (AAC) and have partnered with Eonti to manage and implement **AeroMACS PKI** as the Management Authority (MA). The Management Authority is in the process of

auditing the first commercial AeroMACS PKI Certificate Authorities (CAs), expected to be onboard in the first half of 2018.

The Smart Energy Working Group (SEWG) hosted a conference call on Wednesday, June 13. The next meeting will be scheduled for September. As details concerning this meeting are finalized, we will be certain to keep you informed.

You can learn more about the Working Group activities by visiting the member's workspace area to view the outcomes of recent Working Group sessions or join groups to receive emails related to that group's activities. To find more information on our Working Groups, please visit: www.wimaxforum.org/Page/About/Working-Groups.

Working Group activity is integral to the success of the Forum, and your participation is important to the WiMAX community!

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 June:

- [Pressing for a Revolution in the Tech of Air Traffic Control](#)
- [WiMAX Technology Brings Mobile Coverage and Internet to Las Parras De Martin](#)
- [Eurocontrol and EC Formalise Work Programme on Single European Sky Performance/Charging Scheme](#)
- [Survey: Cybersecurity Lags in Critical Infrastructure Systems](#)
- [NFV & Carrier SDN](#)
- [Honeywell Research Shows Growing Investment in 'Connected' Technology](#)
- [U.S. Department of Transportation Announces \\$765,000 in Grants to Kansas City Downtown Airport](#)
- [Number of European Flights Delayed up to Two Hours Will Increase Seven-Fold in the Next 20 Years, Air Traffic Controllers Warn](#)
- [AeroMACS Open Day](#)
- [How ACARS Will Evolve, Not Disappear, With Transition to IPS](#)
- [Claroty and Siemens Announce Strategic Partnership for Cybersecurity](#)
- [Industry of Things World 2018](#)
- [Leonardo Supports Innovation for the Safety of Critical Infrastructures](#)
- [Report Confirms Commercial Airplanes Vulnerable to Cyberattacks](#)
- [Jenny to Retire as RTCA President](#)
- [Pakistan High Court Clamps Down on Mobile Taxes](#)
- [Educators and Broadband Providers for American Rural Communities Webinar](#)

- **China Civil Aviation Report**
- **Wireless Innovation Forum Applauds Recent FCC Order Allowing Use of Dynamic Protection Areas**
- **Future or Fantasy? Building Owners Could Pay for Part of 5G Rollout**
- **Geoffrey Starks Nominated to FCC**
- **The IOT Solutions World Congress 2018 Announces Its First Speakers**
- **Researcher Successfully Hacked In-Flight Airplanes - From the Ground**
- **Siemens Specifications and Parameters Introduced**
- **Senate Panels Approves \$17.7B for FAA Budget**
- **European and North Atlantic Aviation Security Roadmap Endorsed**
- **Wireless Innovation Forum Test and Certification Team Completes Major Milestone Toward Commercial Rollout of CBRS Band**
- **Japan passes 168 mln mobile subscribers milestone**
- **Special Message from RTCA Chairman, Craig Fuller: RTCA Transition**
- **CTIA Calls for FCC Vote on CBRS Band at July Meeting**
- **FLYHT application is first to be certified for Inmarsat SB-S**
- **Extended Validation SSL's Role in Combatting Phishing**
- **Experts and Government Delegates Call for a Collaborative Approach to Building Future-Ready Sustainable and Smart Cities at the 4th Smart Cities India 2018 Expo**
- **ICAO Secretary General Highlights Key Security and Efficiency Priorities at International Transport Forum Summit**
- **Siemens Establishing Cybersecurity Center in New Brunswick**
- **China's Civil Aviation Sees 552 mln Air Passengers in 2017**
- **Leonardo to Lead "Cyber Trainer" Project in the Abruzzo Region of Italy**
- **May 2018 WiMAX Forum Monthly Newsletter**



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