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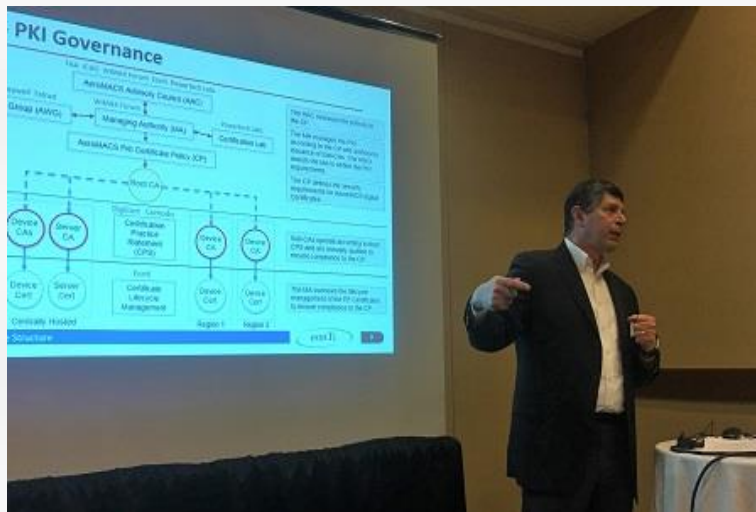
## INTRODUCTION

Dear Respected Colleague,

The **WiMAX Forum** with the help of our **Member Companies, Working Group Representatives** and **Board of Directors** maintained a blistering schedule of valuable activities over the past months to support and advance Aeronautical Mobile Airport Communication System (**AeroMACS**), **WiGRID**, and the **WiMAX** technology. We have hosted, attended, and participated in important and well-received industry events, and we continue to bring the highest value to the WiMAX community as the market share expands.

Last month, the WiMAX Forum hosted the first AeroMACS conference of 2018 collocated with **World ATM Congress** in Spain. **AeroMACS 2018 - Madrid** was a great success with participants from around the world raising awareness about the value of this secure and standardized wireless broadband technology to support the safety and regularity of flights on the airport surface. The event illustrated a wide variety of worldwide activities and the tremendous interest in the current use of AeroMACS to improve ground communication.

On April 10, the WiMAX Forum and industry experts from **Comodo CA, DigiCert, and EontI** presented "AeroMACS Delivering Secure Networks Through PKI Policy and Certificate" at the **ICNS Conference**. The AeroMACS **PKI** (Public Key Infrastructure) enables users to securely and privately exchange data.



On April 16, the WiMAX Forum President, **Declan Byrne** and Federal Aviation Administration (**FAA**) Senior Systems Engineer, Brent Phillips presented the latest AeroMACS developments to the Brazilian Department of Airspace Control (DECEA) Delegation during their visit to the FAA Headquarters in Washington, DC.

The next few months promise much progress for the WiMAX market and specially AeroMACS, which is derived from our efforts in developing certification and security as well as our continuation in hosting and participating in several industrial events. Through our 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 remainder of April and a prosperous May.

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.

### • **World ATM Now, 2018 Highlights**

Highlights from Madrid: World ATM Congress' leading publication, featuring the latest air traffic management industry news. AeroMACS featured on page 8: ALTYS to Lead Clean Sky 2 Program Research and Development. ALTYS Technologies, together with COMET consortium members Airtel ATN, Frequentis, Siemens France, and the University of Bradford, were recently selected by the Clean Sky 2 (CS2) Joint Undertaking to carry out future cockpit network communications infrastructure work under the program's Systems Integrated Technology Demonstrator, led by THALES.

**To read the entire publication, please click [here](#).**

### • **DigiCert Selected to Provide Root CA for AeroMACS**

DigiCert Inc., the leading global provider of scalable identity and encryption solutions for the enterprise, today announced at the World ATM Congress in Madrid that it has been selected to host the Root CA for Aeronautical Mobile Airport Communication System (AeroMACS), the only wireless technology that has been validated by major international regulatory bodies to support the safety and regularity of flight. An initiative championed by the WiMAX Forum, AeroMACS enables ground-to-aircraft communications to support both current applications and new ones that require more bandwidth. AeroMACS supports increased transmission of Air Traffic Control and Airline Operations Communications to relieve traffic congestion and delays.

**To read the entire press release, 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:

	<p>May 14-16, 2018 Austin, Texas For more information visit: <b>Big Communications Event</b></p>
	<p>May 23-25, 2018 New Delhi, India For more information visit: <b>One Mega Event India</b></p>
	<p>June 19-20, 2018 St. Louis, Missouri For more information visit: <b>Connected Manufacturing</b></p>
	<p>June 24-26, 2018 Berlin, Germany For more information visit: <b>Autonomous Machines World</b></p>
	<p>June 26-28, 2018 Acropolis, Nice For more information visit: <b>Next Generation Optical Networking</b></p>
	<p>June 27-29, 2018 Shanghai, China For more information visit: <b>Mobile World Congress Shanghai</b></p>
	<p>July 2-3, 2018 Berlin, Germany For more information visit: <b>Security of Things World</b></p>



INDUSTRY  
OF THINGS  
WORLD ASIA

July 15-17, 2018  
Singapore  
For more information visit:  
**Industry of Things World Asia**

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](#)**
- **[Comodo Group Inc.](#)**
- **[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](mailto: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](mailto: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 focused on three main technical activities: AeroMACS Public Key Infrastructure (PKI), AeroMACS Product Certification, and the FCC AeroMACS Petition for Rulemaking. 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 AeroMACS Certificate Policy (CP) is complete and will be published in the first half of 2018.

The AeroMACS Designated Certification Laboratory (ADCL) continues to run two more products through Radio Conformance Testing (RCT). 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 Smart Energy Working Group (SEWG) is currently working on the agenda and topics to schedule the next conference call on Wednesday, June 13, 2018 at 11am PST. 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](http://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 April:**

- **ICNS 2018: A Successful Conference**
- **World ATM Now, 2018 Highlights**
- **Sichuan Jiuzhou 2017 Annual Board Operation Review**
- **Electricity Industry on a Collision Course with the FCC**
- **Cyberattacks on Connected Aircraft Are Happening Right Now**
- **Mobile World Congress Shanghai**
- **New FAA Bill Covers Host of Issues, but No ATC Reform**
- **FCC Tackles Rural Carrier Issues Including Business Data Services, Call Completion**
- **Siemens Is Expanding in the Middle East with a \$500 Million Internet of Things Investment**
- **Xcel First Utility to Get FAA Approval to Run Inspection Drones Beyond Line of Sight**
- **Private Wireless Networks Are Quietly Becoming a Thing**
- **The Aviation System Block Upgrade (ASBU) of Korea**
- **The Necessity of a Radical Review of Cybersecurity in Space to Avoid Potentially Catastrophic Attacks**
- **The FCC Four: The Top Special Interests Lobbying the FCC**
- **European Airports Align to Support Safety Improvement Programs**
- **Next Generation Optical Networking**
- **Aviation Industry May Be Vulnerable to Cyberattack Through Its Global Supply Chain**
- **Huerta Laments Lack Of 'Facts-Based Discussion' In ATC Debate**
- **Implementing Cybersecurity for the Smart Grid Is a Must**
- **Capital Airport uses AeroMACS taxi guidance system**
- **NRTC Joins Rural Organizations Seeking Better CBRS Rules**
- **Even in Silicon Valley, Governments Are Under Constant Threat from Ransomware**
- **Why US Skies Face a Turbulent Future Despite ATM Upgrades**
- **Connected Manufacturing Forum**
- **How does rugged communication play a part in our national security?**
- **Pakistan Mobile Broadband Users Number Depict Huge Growth**
- **5 Crucial Cyber Security Steps to Take in the IoT Era**
- **How AI and Machine Learning Are Redefining Cybersecurity**
- **Brazilian Air Force Officer Represents Brazil in International Aviation**
- **AeroMACS Presentation at the ICNS Conference**
- **Experts Praise Upcoming FCC Auction, Despite Doubts**
- **Omnibus Draws Industry Praise for Increased FAA Funding**
- **NIST Supports Planned RF Spectrum Sharing Between U.S. Military & Industry**

- **Axione Bridges Digital Divide Through Public-Private Partnerships**
- **DoT ask ISPs to vacate spectrum**
- **Insights on the Growth of Cybersecurity in Airports from ACI World**
- **IoT Expansion Could Pose Greater Utilities Threat**
- **DigiCert Reaches Milestone for Replacing Symantec Certs**
- **March 2018 WiMAX Forum Monthly Newsletter**



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