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INTRODUCTION

Dear Respected Colleagues,

The **WiMAX Forum** with the contribution, support and participation of our **Board of Directors**, **Member Companies** and **Working Group Representatives** continue producing important work to advance Aeronautical Mobile Airport Communication System (**AeroMACS**), **WiGRID**, and the **WiMAX** technology. While we have fruitful conversations, raise awareness about the technology, achieve milestones through collaboration and new initiatives, we see concrete results from our activities with the increase of WiMAX's technology market share.

In light of the travel restrictions and unavailability to meet face-to-face for the moment, the WiMAX Forum has launched the virtual presentation series to deliver to our members and industry the necessary tools to remain informed, exchange ideas, share knowledge and maximize value. The presentations and discussions will provide the community in-depth knowledge and hands-on experience from industry experts at key organizations.

Last month, the WiMAX Forum has released the video from the first virtual presentation session with relevant content from **EUROCONTROL**, **Federal Aviation Administration (FAA)**, and **International Civil Aviation Organization (ICAO)**. You can review the details at the following link: <https://youtu.be/Np0ZhXLuIYs>.



This month, we have released the second virtual presentation session with relevant content from **Aviation Data Communication Corporation (ADCC)**, **Eonti**, and **Siemens**. You can review the details and video at the following link: <https://youtu.be/rEPuiqGOpb8>.



Also this month, the third virtual presentation session has been released with relevant content from **DigiCert**, **Lisbon Airport** and **Telrad Networks**. You can review the details and video at the following link: <https://youtu.be/viwHDfi0Z3I>.



The WiMAX Forum Virtual Presentations will provide key information on the latest Aeronautical Mobile Airport Communication System (**AeroMACS**) and **WiMAX** developments, worldwide deployments and applications, security through the WiMAX Forum Public Key Infrastructure (PKI) Policy and other topics. Companies participating include: **ADCC, Avicom Japan, CelPlan Technologies, DigiCert, Eonti, EUROCONTROL, FAA, Honeywell, ICAO, Jezetek, Leonardo, Lisbon Airport, Powertech Labs, RIOgaleao, Sectigo, Siemens, Telrad Networks**, as well as others to be announced soon.

The WiMAX Forum will keep busy preparing for exciting meetings and events in person and virtually to raise awareness about the benefits of the AeroMACS and WiMAX technology. Please stay tuned and for more information, visit: WiMAXForum.com.

To foster a prosperous environment and future for the WiMAX ecosystem, the WiMAX Forum with the participation of our Member Companies will host, attend, and participate globally with speakers in key industry events. Here is the summary of an upcoming event that we are participating next:

- **On September 9-11** at the **ICNS Conference**, WiMAX Forum President **Declan Byrne** will host a presentation titled "AeroMACS Considerations to Foster Innovation in Air Transportation." As details are finalized, we will be certain to keep you informed.

We will remain vigilant and monitoring the latest developments to determine the safest course of action as the situation evolves. We hope things get better soon to reschedule the meetings we had planned and share with you the latest developments. We will continue working to increase awareness of, educate, and meet with industry leaders worldwide about implementing and developing WiMAX, AeroMACS, and WiGRID networks in ways that will best serve all stakeholders. Please stay tuned for the upcoming event and for more information, please visit: [WiMAX Forum Events](#).

Please reach out to us if you have any questions or comments. We at the WiMAX Forum wish you a great remainder of June and a wonderful July!

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.

- **Public Key Infrastructure (PKI) for electric vehicles. Mike Nelson, DigiCert & Oscar Marcia, Eonti**

Supergen Energy Networks in collaboration with IEA HEV TCP Task 43 and CESI presents a series of talks on cyber security. Public Key Infrastructure (PKI) for electric vehicles' ecosystem. Keynotes: Mike Nelson, DigiCert and Oscar Marcia, Eonti. With introduction by Dr Myriam Neaimeh, Newcastle University and The Alan Turing Institute.

To view the video, please click [here](#).

- **WiMAX Forum Virtual Presentation**

The WiMAX Forum, the leading nonprofit organization that certifies and promotes the compatibility and interoperability of broadband wireless products based upon IEEE Standard 802.16, is delighted to announce a series of virtual presentations starting next month. Presentations will evolve towards the latest AeroMACS and WiMAX developments, worldwide deployments and applications, security through the WiMAX Forum Public Key Infrastructure (PKI) Policy and other topics.

To read complete 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.

Featured Events:

| | |
|---|---|
|  | <p>ICNS Conference September 9-11 Virtual Conference For more information visit: AeroMACS at ICNS Conference</p> |
|---|---|

Upcoming Events:

| | |
|---|---|
|  | <p>August 31-September 1, 2020 Austin, TX For more information visit: Connected Manufacturing</p> |
|  | <p>September 16-17, 2020 Digital Conference For more information visit: IoT Innovation North America</p> |
|  | <p>September 29 - October 2, 2020 Palm Springs, California For more information visit: Field Service Palm Springs</p> |
|  | <p>October 20-22, 2020 New Delhi, India For more information visit: 6th Smart Cities India</p> |
|  | <p>October 27-29, 2020 Barcelona, Spain For more information visit: IoT Solutions World Congress</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.

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 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 WiMAX Forum organizes its technical activities through a number of Working Groups that produce technical requirements, develop technical specifications, and advise the forum. The Working Groups are currently focused on **AeroMACS, Smart Energy**, product certification and various spectrum access solutions.

It is a crucial time for your organization to participate, influence and leverage the Working Groups activities, and contribute to the development of the market. We need the help of your technical experts in these groups. 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.

The Aviation Working Group (AWG) members have been collaborating diligently on the development and maintenance of specifications and supporting documents related to AeroMACS Product Conformance Certification, AeroMACS Public Key Infrastructure (PKI), FCC AeroMACS Petition for

Rulemaking, and other initiatives to support AeroMACS as the standard selected to improve the safety and regularity of flights.

The AWG and AWG Certification Task Group (CTG) published the AeroMACS IOT procedures which represents the completion of the full set of testing procedures for AeroMACS Certification for compliance based on international approved standards that include the previously published WiMAX Forum® AeroMACS Test Suite Structure and Test Purposes (TSS&TP) for PCT and RCT Specifications. Significant progress has been made on certification with one product having completed IOT and other products from distinct manufacturers in the lab completing testing for full AeroMACS Certification.

The WiMAX Forum, **ICAO**, other regulatory members and key industry stakeholders have formed the AeroMACS Advisory Council (AAC). The AAC is a collaborative body that will promote effective public-private dialogue and will consistent with the AeroMACS Certificate Policy and ICAO policies, provide strategic guidance and oversight for AeroMACS PKI, thereby helping promote optimum interoperability and trust among participants.

The WiMAX Forum has partnered with **Eonti** to manage and implement **AeroMACS PKI** as the Management Authority (MA). The MA has brought on the first Certificate Authority (CA) to make AeroMACS PKI commercially available to make AeroMACS operational networks secure. An overview of the AeroMACS PKI process is available here: **[AeroMACS PKI Users Overview](#)**.

The Smart Energy Working Group (SEWG) members are working with IEEE to bring to market devices for narrowband applications and other sub 1GHz spectrum. The WiMAX Forum and member companies are part of the revision of the IEEE 802.16t that has been approved by the IEEE 802 Executive Committee. This project specifies operation in licensed spectrum for mission critical entities that have a strong preference for private, licensed networks for their data communications needs. If you are interested in participating in this activity, please contact us at **info@WiMAXForum.org** and we will be glad to speak with you about this opportunity.

To foster collaboration between key industry players the WiMAX Forum Working Group members are participating in the Virtual Presentation Series and other projects as the market share expands. 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:

- **YouTube: WiMAX Forum Virtual Presentation - Session 3 - DigiCert - Lisbon Airport - Telrad Networks**
- **Managing Identity Is Fundamental To Emerging Digital Use Cases**
- **ICAO begins global roll-out of COVID-19 response and recovery guidelines**
- **Daily flights in China rebound to over 10,000**
- **Put Your Risk on Mute: Using PKI to Simplify Remote Workforce Security**
- **IATA Launches Aviation Security Intelligence Portal**
- **ICAO APAC Webinars Fundamentals of ANS**
- **Airports call for data-driven approach to establishing the post-COVID aviation landscape**
- **Riggs Named UTC President, CEO**
- **Sectigo IoT Identity Manager Wins Best IoT/IIoT Security Solution SC Award Europe 2020**
- **New Aviation Technology Connect Webinar Series**
- **European air travel – recovery starts to take shape**
- **A long road ahead**
- **DigiCert appoints Jason Sabin new CTO**
- **ACI World data reveals the turning point of the COVID-19 pandemic**
- **Smart Cities India**
- **Avionics Industry Faces Challenges Through COVID-19 Pandemic**
- **YouTube: WiMAX Forum Virtual Presentation - Session 2 - ADCC - Eonti - Siemens**
- **YouTube: Public Key Infrastructure (PKI) for electric vehicles. Mike Nelson, DigiCert & Oscar Marcia, Eonti**
- **Passenger demand beginning to recover, according to recent IATA data**
- **Telrad Reports 42% Increase in Revenue in Q1 2020**
- **ACI World welcomes ICAO Council Aviation Recovery Task Force Report**
- **Sectigo Joins Cloud Signature Consortium to Advance Standards and Speed Adoption of Digital Signatures**
- **CAAC Notice on Adjustments to International Passenger Flights**

- **ICAO Council adopts new COVID-19 aviation recovery 'Take Off' guidelines to reconnect the world**
- **RTCA New Aviation Technology Connect Webinar Series**
- **"Evolution of IoT Attacks" Study Exposes the Arms Race Between Cybercriminals and Cybersecurity**
- **Data analytics are driving a bright future**
- **IATA: Damage to Air Travel Will Extend Into 2023**
- **China opens 'green channel' for charters**
- **Integrate UQ mobile business into KDDI to strengthen the growth base of the group communication business**
- **First Quarter Business and General Aviation Avionics Sales Drop Compared to 2019**
- **Back the travel measures with science**
- **COVID-19 compels aviation industry to speed up the modernisation of the ATM system**
- **May 2020 WiMAX Forum Monthly Newsletter**



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