

[View this Newsletter in your browser](#)



IN THIS ISSUE

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

INTRODUCTION

Dear Respected Colleagues,

The **WiMAX Forum** has created a unique community which is successfully enabling cooperation and industry advancement. With the support and cooperation of our **Board of Directors, Member Companies, Working Group Representatives** and industry experts, we are producing important work to bring the industry together to promote growth, innovation, increase awareness and advance the Aeronautical Mobile Airport Communication (**AeroMACS**), **WiGRID**, and the **WiMAX** technology.

To foster a prosperous environment and future for the AeroMACS and WiMAX ecosystem, the WiMAX Forum with the participation of our Member Companies will host, attend, and participate globally with speakers in key industry events. Through our events, speaking opportunities, and webinars, we are reaching out to diverse audiences in the community in ways that will best serve all stakeholders.

• **On March 21, 2023** the WiMAX Forum President, Declan Byrne will discuss "Why is security critical to the aviation Industry of Things?" at the Industry of Things World USA - **World Café Roundtable**. Declan will go into more details on the Aviation Industry of Things and Aviation Security Requirements. The Industry of Things World USA will take place on March 19-21, 2023 at the Paradise Point Resort in San Diego, California. For more information, please visit: **Industry of Things World USA 2023**.

While we have productive conversations and develop winning strategies, we see concrete results from our activities with the expectation that the market share will expand and succeed. The demand is undoubtedly out there, and the opportunities to leverage the technology with the development of technical specifications, certification and spectrum access solutions based on globally harmonized standards will result in a brighter future.

This month, the WiMAX Forum has been invited once again to participate at the **Connected Manufacturing Forum 2023**. The Connected Manufacturing Forum is where you will benchmark your digital enterprise strategy, create your blueprint, promote effective change management and learn how to become a smarter, more connected manufacturer. As details concerning this event become available, we will be sure to communicate them to you.

Over the coming months we will be doing some of our most important work yet, and we hope you can be part of it. The WiMAX Forum is maintaining a blistering schedule of valuable activities and plans to meet with industry leaders worldwide to raise awareness, develop and implement AeroMACS and WiMAX networks in ways that will best serve all stakeholders. Please stay tuned for other announcements soon and for more information, visit our

website at [WiMAXForum.org](https://www.wimaxforum.org), [YouTube Channel](#) and Social Media ([Facebook](#), [LinkedIn](#) and [Twitter](#)).

Please reach out to us directly at info@wimaxforum.org for more information and we would be happy to schedule a time to speak with you. Enjoy the rest of the month 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.

• **Application of Runway Status Light System in China**

CAAC takes runway incursion as one of the four major hazardous sources in civil aviation management. Preventing the occurrence of runway incursions is the focus of China's civil aviation safety. The Air Traffic Management Bureau (ATMB) of CAAC has formulated the "Technical Measures and Implementation Routes for Preventing Runway Incursion", which stipulates the minimum configuration requirements for runway incursion prevention equipment at airports of different levels.

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

• **CAAC'S Support for the Enhancement of AeroMACS SARPS and Technical Manual**

With the support of the Civil Aviation Administration of China (CAAC), the AeroMACS Forum presented a Working Paper in the 5th CP-DCIWG meeting (17-20 May 2022), proposing an initiative to revise the AeroMACS SARPs and Technical Manual (Doc 10044) to be less restrictive or specific to technology profiles like 802.16, so as to give the ecosystem the flexibility to provide AeroMACS services using any additional technology (e.g., LTE, 5G) that meets the minimum performance characteristics and capabilities of AeroMACS.

To review 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.

Endorsed Events:

	January 31–February 2, 2023 Barcelona, Spain For more information visit: IoT Solutions World Congress
	March 19-21, 2023 San Diego, CA, For more information visit: Industry of Things World USA
	March 27-29, 2023 New Delhi, India For more information visit: Convergence India
	April 25-27, 2023 Palm Springs, CA For more information visit: Field Service
	May 30-31, 2023 Chicago, IL For more information visit: Smart Cities International Symposium

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 info@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 and participation is encouraged for all WiMAX Forum Members. The WiMAX Forum technical activities are organized through a number of Working Groups to address critical areas, produce technical requirements, develop technical specifications, advise the Forum and bring Certified products to the marketplace.

Working Group Members and key organizations from around the world work together to promote growth, accelerate adoption, deployment and expansion of the **AeroMACS** and **Smart Energy** markets, through a number of initiatives including product innovation, certification and spectrum access solutions. The Aviation Working Group (AWG) acts as a focal point for Worldwide Aviation Industry interest in AeroMACS as a technology for Aviation Applications on a global basis. And the Smart Energy Working Group (SEWG) acts as a focal point for Smart Energy Applications, and will promote WiMAX as the premiere technology globally.

AWG members and the aviation industry support a number of AeroMACS projects and initiatives including: AeroMACS NextGen, maintenance of technical requirements and specifications related to AeroMACS Product Certification, AeroMACS Public Key Infrastructure (PKI), Federal Communications Commission (FCC) AeroMACS Petition for Rulemaking, in-person and virtual conferences, webinars and other initiatives to maximize the AeroMACS potential to thrive.

AWG members and industry representatives have been working together on the AeroMACS NextGen initiative to expand the AeroMACS profile to include additional technologies. The AWG has started the process to evaluate industry standards and propose the inclusion of other technologies within the AeroMACS Private Network Spectrum, while recommending the necessary modifications to existing requirements.

Recently the AWG participated in the ICAO Data Communication Infrastructure Specific Working Group of the Communications Panel (CP-DCIWG/6). The WiMAX Forum and the Civil Aviation Administration of China's (CAAC) presented a Draft Job Card to support the enhancement of AeroMACS SARPs and Technical Manual to be opened to additional technologies. Strong support from member state was received to continue advancing the AeroMACS NextGen initiative. Further development of the Job Card will take place in Working Group M.

Industry technical experts are being encouraged to contribute to this development work in AWG and **ICAO** Working Group M. Please contact the AWG Executive Secretary to see how you can become involved in this important initiative. By opening the AeroMACS Profile to additional technologies, the AWG is helping to build a more robust market to facilitate the wide-spread deployment of AeroMACS worldwide as the leading standardized technology selected to support the safety and regularity of flights.

The **AeroMACS PKI** is commercially available to the industry planning AeroMACS deployments as well as serving as a PKI model for other Aviation technologies. AWG members work closely with the ICAO and the aviation industry to ensure that the produced security policies and specifications can be used as guidelines to other groups.

The AeroMACS PKI is provided by the WiMAX Forum in partnership with **Eonti** as the Management Authority (MA). Strategic guidance for the AeroMACS PKI Program is provided by the AeroMACS Advisory Council (AAC), which is a collaborative body comprised of Members of the WiMAX Forum, worldwide regulatory organizations and ICAO. An overview of the AeroMACS PKI process is available here: **[AeroMACS PKI Users Overview](#)**.

SEWG members work closely with IEEE to bring to market devices for narrowband applications and other sub 1GHz spectrum. The IEEE 802.16t

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 on this activity, please contact us.

The WiMAX Forum Working Groups are chartered to bring industry leaders together to collaborate and contribute to the development of technical specifications, technical requirements, harmonization of documents, and provide coordinated recommendations to advise the Forum. For more information on our Working Groups, please visit: [WiMAX Forum Working Groups](#).

Participation by industry experts and organizations is crucial to influence and leverage the Working Groups activities, and contribute to the development of the market. If you are interested in participating in our Working Groups, please contact us at info@WiMAXForum.org and we will be happy to speak with you about this opportunity.

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

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:

- [Procurement and Contracting Under AIP – Federal Contract Provisions](#)
- [Digicert Survey Highlights Importance of Digital Trust in Business Outcomes, Customer Loyalty](#)
- [European travel projections](#)
- [In aviation’s digital ecosystem, who can you trust?](#)
- [Field Service 2023 Conference USA](#)
- [Intention to travel highest since start of pandemic – ACI World](#)
- [Europe needs different carrier types for success](#)
- [China preparing to end Covid plane suspensions](#)
- [AIP Aeronautical Information Publication United States of America](#)

- **What is aeronautical information and why can't we live without it?**
- **The big picture**
- **Eurocontrol: European Air Traffic Will Not Recover Until 2025**
- **8 Things to Expect in 2023**
- **Business survey highlights need for air connectivity**
- **China Awarded ICAO Outstanding Resource Contributor**
- **International carriers warn new 5G altimeter requirements could prevent US flights next year**
- **Solving digital trust for the real world**
- **ICAO Assembly decisions advance safety and efficiency of global flight network**
- **Industry of Things World USA**
- **IATA: APAC passenger traffic on road to recovery**
- **Second Quarter 2022 Average Air Fare Increases 22% from Second Quarter 2021**
- **Europe's Passenger Traffic Remained 12% Below Pre-Pandemic Levels in August**
- **Air China & China Southern Report Q3 Losses Due To Ongoing Restrictions**
- **Airbus' CEO Expects Aviation's Full Recovery In 2024**
- **States at ICAO Assembly recognize critical role of air transport in progressing economic policy, global sustainable development, and a strengthened legal framework**
- **European flight numbers near pre-Covid levels**
- **FAA to FCC: Mandate 5G C-band restrictions around airports**
- **Securing the Cloud With a Digital Trust Approach**
- **The industry's future is a glass half full**
- **ACI: World Air Travel to Achieve Full Recovery in 2024**
- **Aviation essential to Latin American and Caribbean economy**
- **Airlines eager to resume international routes amid rise in demand**
- **Main Outcomes of CNS SG/26**
- **Implications of the new EU IoT Cyber Resilience Act**
- **RTCA and EUROCAE Host Global Aviation Spectrum Summit December 13-14**
- **Asia-Pacific airline traffic recovery to accelerate as rules ease - IATA**

- **Positive outcomes for airports as ICAO's 41st Assembly concludes**
- **How Better ATC Collaboration Could Cut Aviation's Carbon Emissions**
- **More international flights resume in China**
- **October 2022 WiMAX Forum Monthly Newsletter**



© 2022 WiMAX Forum®. All rights reserved. WiMAX, WiMAX Forum, Fixed WiMAX, Mobile WiMAX, WiMAX Certified, WiMAX Forum Certified, AeroMACS WiMAX Forum Certified, WiGRID, the WiMAX Forum logo, the WiMAX Forum Certified logo, the AeroMACS 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](#)

