

The header features a dark blue background with a glowing green and blue globe. The globe is overlaid with a network of white and blue lines, representing a global communication network. The WiMAX Forum logo, consisting of two overlapping white circles, is positioned to the left of the text. The text "wiMAX FORUM®" is in a white, sans-serif font, with "wi" in lowercase and "MAX FORUM" in uppercase. Below it, "NEWSLETTER" is written in a larger, bold, white, sans-serif font.

wiMAX FORUM® NEWSLETTER

JUNE 2021

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INTRODUCTION

Dear Respected Colleagues,

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

The WiMAX Forum is well positioned to develop opportunities to grow business and leverage its stakeholders. While we achieve important milestones and market growth, we see concrete results from our efforts. We have been working continuously to leverage our services and position AeroMACS and WiMAX technology ahead.

Last month, **Siemens** announced the approval to operate and implement AeroMACS at airports in Brazil. The regulation for the use of AeroMACS by the National Telecommunications Agency (Anatel) occurs after approximately two years of tests at Tom Jobim International Airport (**RIOgaleao**), in Rio de Janeiro. Siemens became the first manufacturer to obtain the approval to use the system at this specific frequency range in Brazil.

This month, the **World ATM Congress** in consultation with the government of Spain, and with the nearly 100 companies already contracted to exhibit, have confirmed that World ATM Congress 2021 will take place as a live, in-person event at IFEMA Madrid 26 – 28 October 2021. The WiMAX Forum plans to participate and we would be happy to schedule a meeting with you while in Madrid. As details are finalized, we will be certain to keep you informed. For more information, please visit: <https://www.worldatmcongress.org/home>.

We have been offered to publish an AeroMACS article in a well know magazine and we are looking for organizations interested in contributing with it. Please contact us at Info@wimaxforum.org and we will be happy to speak with you about this opportunity.

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. 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. Through our events, speaking opportunities, seminars, and webinars, we are reaching out to diverse audiences in the WiMAX community.

Please stay tuned and for more information, visit our website at WiMAXForum.org, **YouTube Channel** and Social Media (**Facebook**, **LinkedIn** and **Twitter**).

Please reach out to us directly at Info@wimaxforum.org if you have any questions or comments. We at the WiMAX Forum wish you a fruitful end of the month, a prosperous July, 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 authorized to operate in Brazil**

The National Telecommunications Agency (Anatel) approved the AeroMACS system for operation in Brazil. Developed by Siemens, the Aeronautical Mobile Airport Communication System facilitates the operation and management of airport centers by generating data and images in real time through mobile assets (aircraft, vehicles, boarding ladders, etc.) and fixed assets (such as radars and sensors on runways).

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

• **Jiuzhou Air Traffic Control Technology unveiled at the 2nd Civil Aviation Technical Equipment and Service Exhibition**

On the morning of June 1, the "2021" was jointly sponsored by the Air Traffic Management Bureau of the Civil Aviation Administration of China, the Civil Airports Association of China and China Aviation Materials Group Corporation, and jointly undertaken by China Civil Aviation Technology and Equipment Co., Ltd. and China Aviation Materials Group Beijing Huanuo Aviation Service Co., Ltd. The 2nd Civil Aviation Technology, Equipment and Service Exhibition" grandly opened at the Beijing National Convention Center.

To review the translated article, 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:

	July 1-2, 2021 Berlin, Germany For more information visit: Cognitive Manufacturing
	July 29-30, 2021 Austin, TX For more information visit: Connected Manufacturing
	September 23-24, 2021 Virtual Conference For more information visit: Industry 4.0 Conference 2021
	October 5-7, 2021 Barcelona, Spain For more information visit: IoT Solutions World Congress

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 and participation is open to all WiMAX Forum Members. The WiMAX Forum technical activities are organized through a number of Working Groups, that produce technical requirements, develop technical specifications, and advise the Forum. The Working Groups are currently focused on a number of activities to promote growth and innovation of **AeroMACS** and **Smart Energy** markets, through product certification and various spectrum access solutions.

The Aviation Working Group (AWG) members and industry experts continue to advance key projects including: the development and maintenance of specifications related to AeroMACS Product Certification, AeroMACS Public Key Infrastructure (PKI), FCC AeroMACS Petition for Rulemaking, Virtual Conferences, Webinars and other initiatives to support AeroMACS as the standard selected to improve communications at the airport surface.

AWG members have been working closely with ICAO and other organizations so that security policies produced in the near future can serve as guidelines to other groups in the industry that are planning AeroMACS deployments as well as serving as a PKI model for other Aviation technologies.

AeroMACS continues gaining momentum and adding value to the broader aviation industry. AWG members and industry have demonstrated in the past years the immense potential and benefits of AeroMACS as the technology selected to support the safety and regularity of flights.

The latest AeroMACS milestones include: Leonardo announcement of a contract with SEA and SACBO to provide a surveillance system at Milan Malpensa. The solution includes AeroMACS, the technological pillar of Europe's ambitious Single European Sky (SES) initiative. Siemens has received approval to operate and implement AeroMACS at airports in Brazil and has completed the entire WiMAX Forum AeroMACS certification process. Other manufacturers are currently in the AeroMACS Designated Certification Laboratory (**ADCL**) completing testing to receive full AeroMACS Certification.

The AeroMACS certification process is based on standards defined by the aviation industry and includes AeroMACS PKI that enables users to securely and privately exchange data through the use of a public and a private cryptographic key pair. The **AeroMACS PKI** is provided by the WiMAX Forum in partnership with **Eont** as the Management Authority (MA).

Eonti is responsible to manage and implement AeroMACS PKI to ensure AeroMACS operational networks are secure. AeroMACS PKI is commercially available and an overview of the AeroMACS PKI process is available here: [AeroMACS PKI Users Overview](#).

The WiMAX Forum and Smart Energy Working Group (SEWG) members continue to work 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 is 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: www.wimaxforum.org/Page/About/Working-Groups.

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. 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 June:

- [Webinar: Catching Up With FAA Administrator Steve Dickson](#)
- [A-SMGCS Onboard Guidance System Implementation in Korea](#)
- [EU and US take decisive step to end aircraft dispute](#)
- [High-Density Automated Vertiport Concept of Operations](#)
- [DigiCert Brings Next-Generation Digital Signature Trust and Remote Identity Verification to Document Signing](#)
- [RTCA June 2021 Digest](#)
- [Siemens to accelerate high-value growth as a focused technology company](#)
- [Chinese airlines report sound recovery in May](#)
- [Senza Fili Sparring Partners | Do utilities need 5G and Wi-Fi to be sustainable?](#)
- [Airport Financial Stress & Investment Crunch Call for Regulatory Revamp](#)
- [FDA Tells NIST Securing 'Critical Software' Extends Beyond Devices](#)

- **European air lobbies fear summer chaos at airports**
- **Keeping pace with evolving code signing baseline requirements**
- **Siemens to raise growth and profitability targets – report**
- **Independence assessment of the Board of Statutory Auditors – New Procedure for Related Parties Transactions**
- **Sully Sullenberger Selected as U.S. Ambassador to ICAO**
- **Hopes Rise for Vaccinated Travelers in Europe, but Global Restart Still Stalled**
- **Letter Urges Appointment of Fifth FCC Commissioner**
- **Jiuzhou Air Traffic Management Technology Appears at the 2nd Civil Aviation Technical Equipment and Service Exhibition**
- **Willie Walsh: Resetting IATA's Agenda**
- **The Air Transport Monthly Monitor for May 2021**
- **With Remote Work, Don't Leave Security Behind**
- **A Change for the Better**
- **August air traffic in Europe forecast to hit 57% of 2019 level**
- **Leonardo: long-term perspectives and employment protection for its Automation business**
- **Ondas Holdings Inc. Announces Proposed Public Offering of Common Stock**
- **Aviation StraightTalk Live with ACI World DG, Luis Felipe de Oliveira**
- **FAA Asks for Budget Increase for Unmanned Traffic, Sustainability and Safety Oversight**
- **No real impact of COVID-19 pandemic on short-cycle projects, says Siemens' Sunil Mathur**
- **Eurocontrol's Worst Case Scenario Sees Air Traffic Recovering By 50%**
- **Digitalization Needed for Smooth Restart**
- **Cognitive Manufacturing 2021**
- **What is a CA? Certificate Authorities Explained**
- **Aviation and tourism synergies key drivers for global economic recovery**
- **The important role of innovation in aviation's 'new normal' post-pandemic**
- **Optimism When Borders Reopen**
- **Johnson Controls partners with DigiCert to bring the next level of digital trust to smart building solutions**
- **Eurocontrol: air traffic "will only get back to close to where we were pre-pandemic by 2025"**
- **Cashflow challenges loom for airlines as travel demand rebounds, Iata boss says**
- **Airport Show-2021 takes off**
- **Airbus provides suppliers with an update on production plans**
- **Is the time right for LDACS?**

- **May 2021 WiMAX Forum Monthly Newsletter**



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