



CANSO Africa Conference 2019

2-6 September, Dar es Salaam, Tanzania

Towards a seamless African sky and its impact on
the next generation of aviation professionals

ORGANISER



HOST



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Organised by **CANSO**



CANSO – the Civil Air Navigation Services Organisation – is the global voice of air traffic management (ATM) worldwide. CANSO Members support almost 90 percent of world air traffic. Members share information and develop new policies, with the ultimate aim of improving air navigation services (ANS) on the ground and in the air. CANSO represents its Members' views to a wide range of aviation stakeholders, including the International Civil Aviation Organization, where it has official Observer status. CANSO has an extensive network of Associate Members drawn from across the aviation industry.



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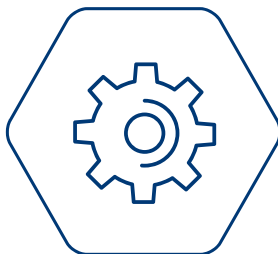
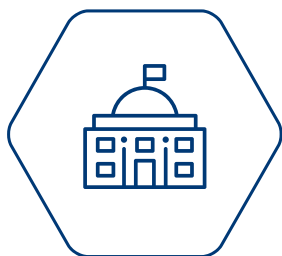
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Join the discussion

#CANSOafrica19

Connecting you with the industry



#WeAreATM

Welcome Note



Distinguished delegates

It is my great pleasure to welcome you all to CANSO African Conference 2019, held at Julius Nyerere International Convention Centre (JNICC) for two days from 3-4 September, 2019.

It is indeed a great honor, to be a host for this crucial air transport conference, which will deliberate, the best way to improve aviation sector, Air Traffic Management (ATM) in particular. On behalf of the government of United Republic of Tanzania, I take this opportunity to warmly welcome you all, as we say it in Kiswahili, Karibuni sana, Dar es Salaam, Bandari Salama.

"Towards a seamless African sky and its impact on the next generation of aviation professionals" is the theme of this conference. Delegates will discuss and propose the best possible measures for transforming Air Navigation Services in African continent and beyond.

As the CANSO Africa Regional Chair, my passion is to see transformation in ANS, and that can only be achieved, by strengthening collaboration and partnership among African countries, that will enable us to realise our ambition of a seamless African sky. This is possible if we work together as a continent.

Tanzania is a very beautiful country, endowed with a lot of natural attractions including the Serengeti, Ngorongoro Crater and beautiful white beaches in Zanzibar (just to mention a few). I hope that you will take a little time out of your busy schedule to explore, relax and bring back home the beautiful memories with you.

I once again warmly greet you and wish you a pleasant stay. Karibuni sana.

A handwritten signature in black ink, appearing to read 'Hamza S. Johari'.

Hamza S. Johari

Director General,
DG TCAA & CANSO Africa Region Chair
CANSO Africa Conference 2019

Hosted by **Tanzania Civil Aviation Authority**

Our Mission is to ensure safety, security and regularity of civil aviation in Tanzania by providing effective oversight and efficient air navigation services while maintaining quality, protecting the environment and safeguarding the interest of consumers and the public. Our Vision is to ensure the civil aviation in Tanzania to be amongst the safest, most orderly and sustainable in the world.



● *Aviation Safety and Efficiency* ● *Our Commitment* ● *In Partnership* ●

Be part of the future of air traffic management



With CANSO's Members supporting almost 90 per cent of world air traffic, CANSO is the global voice of air traffic management (ATM). Join today to help shape the future of a safe, efficient and seamless airspace.



Be heard

By governments, regulators and key stakeholders



Be innovative

Showcase how your technology can help the industry and offer new ideas to common challenges



Be inspired

Take advantage of the **40+** publications online and **160+** presentations per year



Be connected

Build your network through CANSO events and digital platforms to reach **20,000** people



Be active

Contribute to industry-defining best practice and thought-leadership through CANSO events and workgroups





Be visible

CANSO membership offers a range of platforms to promote your organisation's innovation, opportunities and thought-leadership.

Product News

Members can now publish news about the launch of new products, as well as updates to current products and success stories within the ATM industry, in CANSO's weekly *ATM News* bulletin.

Tenders

Members are invited to take advantage of a new online tender platform launched exclusively for members this year. Tenders will be placed on the CANSO website free of charge and highlighted in the weekly *ATM News* bulletins.

Jobs Board

CANSO is now hosting a digital jobs board. Vacancies can be placed free of charge on the CANSO website and included in the weekly *ATM News* bulletins.

Have Your Say

CANSO invites you to share your knowledge and insight with the CANSO network through articles, blogs and film. If you've got something to share, get in touch with the team.

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Aireon is operating a space-based air traffic surveillance system for Automatic Dependent Surveillance-Broadcast (ADS-B) equipped aircraft throughout the entire globe. Aireon harnesses next-generation aviation surveillance technologies that were previously only ground-based and, for the first time ever, extend their reach globally to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders. Real-time ADS-B surveillance covers oceanic, polar and remote regions, as well as augment existing ground-based systems that are limited to terrestrial airspace. In partnership with leading ANSPs from around the world, like NAV CANADA, ENAV, NATS, the Irish Aviation Authority (IAA), Naviair, as well as Iridium Communications, Aireon has successfully deployed the first ever, global, space-based air traffic surveillance system.



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CANSO Director General
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Welcome

Welcome to the CANSO Africa Conference 2019 – your annual regional event dedicated to the transformation of ATM in Africa. CANSO is pleased to organise this event with support from the host, TCAA, and lead sponsor, Aireon and our other sponsors and exhibitors.

The aviation industry in Africa supports over six million jobs and generates almost 56 billion dollars in economic activity. It is one of the critical enablers of growth and connectivity, and plays a key role in regional development.

CANSO is proud to have a strong network of ATM industry service providers and suppliers working together to harness opportunities in the region and deliver value to airspace users and the customers they serve. Over the course of this event, we will explore what this means, the challenges and solutions available, and the initiatives that are changing our everyday.

A huge part of the ATM industry's work involves finding ways to work together effectively. To do this CANSO takes a regionally focussed approach to implementing global best practice and adopting new technology – from optimising safety performance and flow management to industry-defining concepts like ASBU.

Regional focus will be a key theme of CANSO's work going forward. This is our commitment to you, and your opportunity to make a change for Africa.

So please, enjoy your time in your time in Dar es Salaam, and endeavour to share the gifts of knowledge and partnership both here and across the region.

Sincerely,

A stylized, handwritten signature in black ink, appearing to read 'SH'.

Simon Hocquard
CANSO Director General

Programme



Conference Venue Details

Julius Nyerere International Conference Centre
Shaaban Robert Street
Dar es Salaam, Tanzania



Monday 02 September 2019

08:30-11:00

Operations and Safety Meeting (Closed Meeting)

📍 Mafia, Ground Floor

11:00-13:30

Africa Region Meeting (AFC3) (Closed Meeting)

📍 Mafia, Ground Floor

15:00-15:30

Sponsored Workshop Registration

📍 Victoria Lobby, Ground Floor

15:30-17:30

**Sponsored Workshop – Technological
Leadership in Africa: ASECNA and ATNS
Deploy Spaced-Based ADS-B**

📍 Ruaha Room, Ground Floor

Hosted and Sponsored by



Now that the Aireon system is officially operational, Aireon has been working with each air navigation service provider (ANSP) customer in preparation to go live with space-based ADS-B in their airspace. This unveils unique benefits of what full air traffic surveillance service can do

for them: how it can improve safety; how it can improve efficiency; and how it can improve the services that the ANSP provides for their airline customers. This process reveals a distinctive solution, each time, for each customer.

Soon, ATNS and ASECNA will deploy space-based ADS-B in their respective airspaces. Aireon is the first technology of its kind, and a cooperative process between Aireon and the customers is needed to successfully and safely implement real-time air traffic surveillance. This workshop will dive into the unique experiences of each customer since moving forward with the decision to implement space-based ADS-B.

Join Aireon, ATNS and ASECNA to explore the following topics during our workshop:

- The Aireon System:
 - System deployment update
 - EASA Safety Certification
 - Regulatory framework – different concept of operations
- ATNS and ASECNA:
 - Receiving Aireon data into the ACC
 - Data distribution over AFISNET and SADC VSAT networks
 - Data integration into automation platforms
 - Result or approval for moving into day-by-day operations
 - Evolution of concept of operations – How Aireon will help provide a better service to the airlines

Join this informative workshop covering the status of the operational system and specific details on ATNS and ASECNA's implementation of the first global, real-time air traffic data set in their airspace.

- **Michele Carandente**, Regional Director EMEA, Aireon LLC
- **Achmed Wadee**, Manager, Business Special Projects, ATNS
- **Louis Bakienon**, Director of Operations, ASECNA

● **19:00-21:30**

Welcome Reception

📍 Hyatt Regency Dar es Salaam

*Please meet in the main lobby at one of the following hotels for an **18:30** departure; The Southern Sun Hotel, Dar es Salaam Serena Hotel, Ramada Encore, Four Points by Sheraton, the Holiday Inn Dar es Salaam. Transport to and from the social events is kindly provided by TCAA. It is strongly advised for safety and convenience that you make use of the transport provided. Buses will depart the Welcome Reception at 21:00 returning to the hotels listed above.*

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Tuesday 03 September 2019

● **08:00-09:00**

Conference Registration

📍 Victoria Lobby, Ground Floor

● **08:00-17:00**

Exhibition

📍 Victoria Lobby, Ground Floor

● **09:00-09:45**

Opening Remarks

📍 Ruaha Room, Ground Floor

- **Simon Hocquard**, Director General, CANSO
- **Hamza Johari**, Director General, Tanzania Civil Aviation Authority and Chair, CANSO CEO Committee (AFC3)

- **Keziah Ogutu**, Regional Officer, ATM, Eastern and South African Office, ICAO
- **Hon. Eng. Isack Kamwelwe**, (M.P) Minister of Works, Transport and Communications, The United Republic of Tanzania Ministry of Works, Transport and Communications

Facilitator

- **Boni Dibate**, Director Africa Affairs, CANSO

09:45-10:45

Industry views and expectations from seamless operations in the Africa region

📍 Ruaha Room, Ground Floor

Global harmonisation of operational standards and procedures is key to improving the safety and operational efficiency of air navigation service provision, and ANSPs and associated stakeholders must take a leading role in achieving this harmonisation.

In this session Capt. Gilbert Kibe, leader of air navigation service provision (ANS) and the civil aviation authority in Kenya, will share his views and expectations for seamless ATM operations, followed by a panel of industry stakeholders who will share points of view across the aviation ecosystem.

Guest Speaker

- **Charity Muthoni Musila**, Director Air Navigation Services, Kenya Civil Aviation Authority
- **Flora Wakolo**, Chief Air Traffic Control Officer, Kenya Civil Aviation Authority and ATM Lead Expert, EAC Upper FIR Project

Panel Discussion

- **Sharron Caunt**, Regional Director Safety and Flight Operations, Africa and Middle East, International Air Transport Association (IATA)

- **Tonny Fred Ssekubuge**, Liaison Officer to ICAO, Africa and Middle East, International Federation of Air Traffic Controllers' Association (IFATCA)
- **Miguel Serra**, General Manager Tanzania, National Aviation Services

Facilitator

- **Boni Dibate**, Director Africa Affairs, CANSO

10:45-11:15

Networking break

📍 Victoria Lobby, Ground Floor

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11:15-12:30

Global and regional initiatives on seamless operations and their impact on the next generation of aviation professionals

📍 Ruaha Room, Ground Floor

The *Global ATM Operational Concept*, endorsed by the 11th Air Navigation Conference held in 2003, presents the ICAO vision of an integrated, harmonised and globally interoperable system and calls for greater cooperation and collaboration within the ATM community. A growing number of initiatives share this view and are destined to revolutionise the way air traffic management will be conducted. Programmes such as Single European Sky ATM Research (SESAR) in Europe and the Next Generation Air Transportation System (NextGen) in the United States of America have set the stage for operations and systems development for the coming decades.

In this session we will discuss ICAO initiatives on seamless operations and their impact on the next generation of aviation professionals, and hear from industry players who have implemented seamless operations.

- **Keziah Ogutu**, Regional Officer, ATM, Eastern and South African Office, ICAO
- **Louis Bakienon**, Director of Operations, ASECNA

Facilitator

- **Coleen Hawrysko**, Operations Programme Manager, CANSO

12:30-13:30

Lunch

📍 Victoria Lobby, Ground Floor

Sponsored by



13:30-15:00

Implementation status of the Mombasa ATFM Roadmap

📍 Ruaha Room, Ground Floor

The Mombasa ATFM Roadmap was established during the CANSO Africa Conference 2018, where CANSO members identified the emerging issues that need to be addressed by the Africa region to ensure seamless operations and invisible borders; cope with anticipated traffic growth, security situations and conflict zones; and adapt to the ever-changing ATM environment, while being able to promote safer and clean flights in line with industry guidelines.

The Mombasa ATFM Roadmap is seeking to tackle these issues towards a safer, more efficient and harmonised flow of air traffic in Africa through regional cooperation and partnerships. The identified focus areas are: collaboration, technology and innovation, policies and regulations, data and information sharing, member commitment, implementation of CDM, A-CDM and ATFM, and compliance with ICAO requirements.

In this session participants who committed to support the project and contributed to the development of its implementation plan, will share the progress made since the CANSO Africa Conference 2018 and discuss the way forward.

Guest speaker and facilitator

- **Simon Zwane**, Senior Manager, ATM Planning and Research, ATNS

Panel Discussion

- **Matthew Pwajok Lawrence**, Director of Operations, NAMA
- **Sandile Maphanga**, Senior Manager, Air Navigation Services, South African Civil Aviation Authority (SACAA)
- **Ariel Phiri**, Director Air Navigation Services (Acting), Zambia Airports Corporation

15:00-15:30

Networking break

📍 Victoria Lobby, Ground Floor

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15:30-16:30

Update on Performance Based Navigation (PBN) implementation in Africa

📍 Ruaha Room, Ground Floor

The Performance Based Navigation (PBN) mid-term target timelines as proposed by ICAO are pressing and it is now time for Africa to expedite implementation to ensure compliance with ICAO recommendations and improve safety and efficiency on the continent. Several initiatives have been completed and several are being implemented currently. The newly refurbished airport at FVFA (Victoria Falls, Zimbabwe) is an example of this and collaboration among ICAO member states is slowly starting to materialise. CANSO must ensure that the momentum is maintained.

Panellists will share updates on the status of PBN implementation and any challenges they are experiencing and call participant to discuss and support them.

Panel Discussion

- **Matthew Pwajok Lawrence**, Director of Operations, NAMA
- **Louis Bakienon**, Director of Operations, ASECNA

- **Ernesto Manhica**, Director of Operations and Air Navigation, Aeroportos de Moçambique E.P.

Facilitator

- **James Davis**, Specialist: Air Traffic Management, ATNS

16:30-17:00

Summary of the Day

📍 Ruaha Room, Ground Floor

- **Hamza Johari**, Director General, Tanzania Civil Aviation Authority and Chair, CANSO CEO Committee (AFC3)

19:00-22:00

Conference Dinner

📍 Dar es Salaam Serena Hotel

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TCAA have a wonderful evening planned. All delegates are invited to add to their outfit items that showcase their native country.

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Wednesday 04 September 2019

● 08:00-09:00

Conference Registration

📍 Victoria Lobby, Ground Floor

● 08:00-17:30

Exhibition

📍 Victoria Lobby, Ground Floor

● 09:00-09:15

Opening Session

📍 Ruaha Room, Ground Floor

- **Simon Hocquard**, Director General, CANSO

● 09:15-10:30

Is the current technology and ASBU framework appropriate for the next generation of ATM?

📍 Ruaha Room, Ground Floor

The global demands of ANSPs and ATM systems are not uniform, meaning a standardised solution for regions who do not share the same forecast for traffic is not always appropriate. For any collaborative global ATM system to be truly effective, it is essential therefore that an agreed and well-defined set of standards and procedures are adopted and operated on a regional level.

The Aviation System Block Upgrades (ASBUs) concept aims to improve the performance of regional aviation, and CANSO is committed to advancing implementation. Together with ICAO, CANSO organised a workshop on ASBU implementation in April to review the status of implementation of the ASBU Block 0 Modules for African states. The workshop explored the status of ASBU implementation and the challenges of its implementation. It also provided ANSPs with an

improved understanding of the ASBU framework components, assisted participating States to complete the Air Navigation Reporting Forms (ANRF) and helped CAAs and ANSPs determine the way forward for implementing and prioritising ASBUs in their National Plans.

This session will share the outcomes of the CANSO/ICAO workshop, discuss the views on whether the ASBUs are appropriate for the next generation, explore seamless operations and present examples of future technologies contributing to the safety, efficiency, cost-effectiveness and environmental sustainability of ATM systems within the ASBU model.

Panel Discussion

- **Keziah Ogutu**, Regional Officer, ATM, Eastern and South African Office, ICAO
- **Thomas Kgokolo**, Chief Executive Officer (Acting), ATNS
- **Flora Mwanshinga**, Chief Air Navigation Engineer, Tanzania Civil Aviation Authority
- **Kapri Kupper**, Director ATFM Development, Metron Aviation
- **Michele Carandente**, Regional Director EMEA, Aireon LLC
- **François-Xavier Richard**, Senior Business Development MEA, Thales

Facilitator

- **James Davis**, Specialist: Air Traffic Management, ATNS

● **10:30-11:00**

Networking Break

Victoria Lobby, Ground Floor

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● **11:00-11:30**

Africa ATM Safety Peer Review Initiative champions Collaborative Decision Making (CDM) for improved safety

📍 Ruaha Room, Ground Floor

The Africa ATM Safety Peer Review initiative is a joint initiative between African ANSPs to improve aviation safety across Africa.

The initiative was launched in February 2015 following agreement between ICAO and CANSO on the need to address critical safety issues in ATM. It works by encouraging African ANSPs to work in partnership to assess safety management systems (SMS) and other operations requirements, share experiences and learn about measures for improvement in safety and operational performance.

This panel will present an update on the programme and also provide recommendations of how other areas of air navigation including Collaborative Decision Making (CDM), PBN and ASBU will be implemented.

Guest Speaker

- **Louis Bakienon**, Director of Operations, ASECNA

Panel Discussion

- **Simon Zwane**, Senior Manager, ATM Planning and Research, ATNS
- **Loise Mwangi-Njoroge**, State Safety Programme Officer, Kenya Civil Aviation Authority and CANSO Focal Point
- **Samba Dabor**, Safety Manager, Roberts F.I.R.
- **Ernesto Manhica**, Director of Operations and Air Navigation, Aeroportos de Moçambique E.P.

Facilitator

- **Boni Dibate**, Director Africa Affairs, CANSO

11:30-13:00

Can the current skill level in ATM cope with future seamless operations?

📍 Ruaha Room, Ground Floor

The evolution of air navigation systems is expected to improve ATM efficiency. New manufacturing methods will reduce the cost of building air navigation equipment, ATM systems can automatically monitor and schedule maintenance, and built-in machine learning will enable a very safe and efficient environment for ATM.

In addition, advanced big data management of navigation data and surveillance data will lead to seamless operations.

Given this complex environment, what kind of skills will the air traffic controller require? What do we need to do to ensure our people have the necessary skills to manage airspace efficiently and safely?

Guest Speakers

- **Dr. Sandile Malinga**, Chief Operations Officer, ATNS
- **Charity Muthoni Musila**, Director Air Navigation Services, Kenya Civil Aviation Authority
- **John Chambo**, Director Air Navigation Services (Acting), Tanzania Civil Aviation Authority

Panel Discussion

- **Margareth Kyarwenda**, Secretary General, Association of African Aviation Training Organizations
- **Lasana B.Sanoh**, Deputy Secretary General for Administration, Roberts F.I.R.
- **Tendani Ndou**, Principal: Aviation Training Academy, ATNS
- **Thomas Kodjoe Duopah**, Deputy Director ATS, Ghana Civil Aviation Authority (GCAA)
- **Sharon Cooke**, Chief Executive Officer Airways International, Airways New Zealand

Facilitator

- **Loise Mwangi-Njoroge**, State Safety Programme Officer, Kenya Civil Aviation Authority and CANSO Focal Point

13:00-13:30

Summary and Closing Remarks

📍 Ruaha Room, Ground Floor

- **Simon Hocquard**, Director General, CANSO
- **Hamza Johari**, Director General, Tanzania Civil Aviation Authority and Chair, CANSO CEO Committee (AFC3)

● **13:30-14:30**

Lunch

📍 Victoria Lobby, Ground Floor

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● **14:30-15:00**

Human Factors Workshop Registration

📍 Tanganyika Lobby, First Floor

● **15:00-17:30**

Human Factors Workshop

📍 Mikumi Hall, First Floor

This workshop offers unique insights into the field of human factors and human performance management. Participants will explore the discipline of human factors and the different ways of thinking about safety. This includes systematic approaches to investigating incidents and human performance, and incorporating human factors into design to create a safe and reliable joint cognitive system between user and automated system. Automation will be approached from different angles so that participants can evaluate the individual level and type of automation of the technology they use. Participants will also consider how professions within aviation will change in the future and how they can influence this progress.

Workshop Speakers

- **Mareiike Baumann**, Expert Ergonomics and Human Factor, DFS Deutsche Flugsicherung GmbH
- **Andre Perrot**, Senior Expert Ergonomics and Human Factor, DFS Deutsche Flugsicherung GmbH
- **Colin Dow**, Human Factors Analyst, NAV CANADA

Workshop Facilitator

- **Shayne Campbell**, Safety Programme Manager, CANSO

● **Networking Break**

📍 Victoria Lobby, Ground Floor

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● **19:00-22:00**

Closing Dinner

📍 Coral Beach Hotel

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The closing dinner will take place on a beach. We recommend wearing footwear that is suitable for walking on sand.



Thursday 05 September 2019

● **08:30-09:00**

Human Factors Workshop Registration

📍 Tanganyika Lobby, First Floor

● **09:00-15:30**

Human Factors Workshop (continued)

📍 Mikumi Hall, First Floor

Networking Break

📍 Tanganyika Lobby , First Floor

Lunch

📍 Tanganyika Lobby, First Floor



Friday 06 September 2019

07:00-18:00

Day Trip to Zanzibar

Take a day to discover the stunning scenery of Zanzibar, an island filled with breath-taking beaches and vistas. Delegates will have the opportunity to soak up the local culture and explore the sites around the island.

*Please meet in the main lobby at one of the following hotels for an **06:00** departure; The Southern Sun Hotel, Dar es Salaam Serena Hotel, Ramada Encore, Four Points by Sheraton, the Holiday Inn Dar es Salaam. Transport will take you to the ferry port taking you to Zanzibar. Please meet at the Zanzibar ferry port at **15:30** for the last ferry returning to Dar es Salaam. Transport is kindly provided by TCAA. It is strongly advised for safety and convenience that you make use of the transport provided.*

Please note all delegates are required to bring their passport when travelling to Zanzibar.

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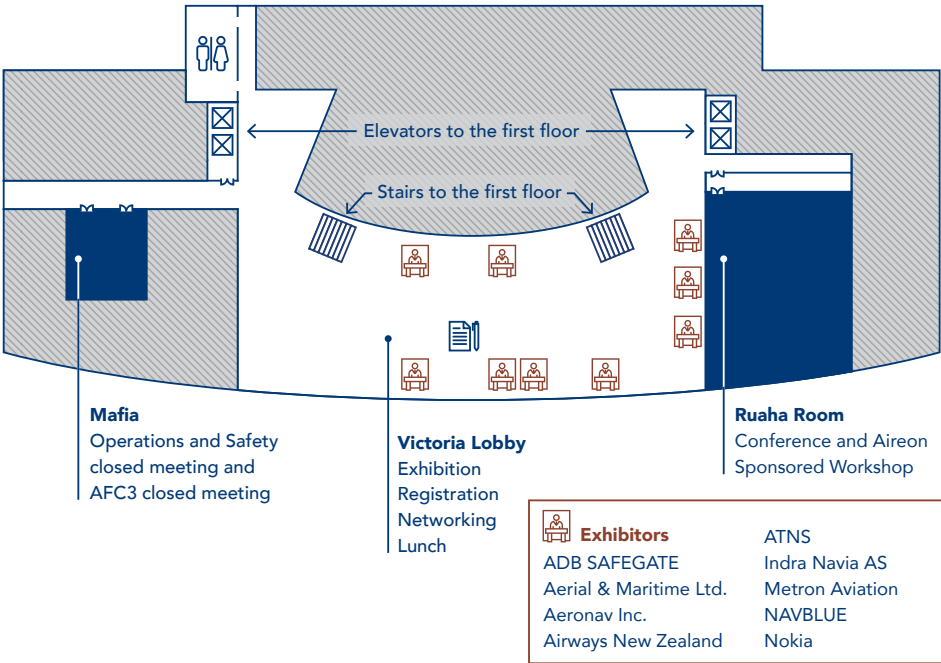
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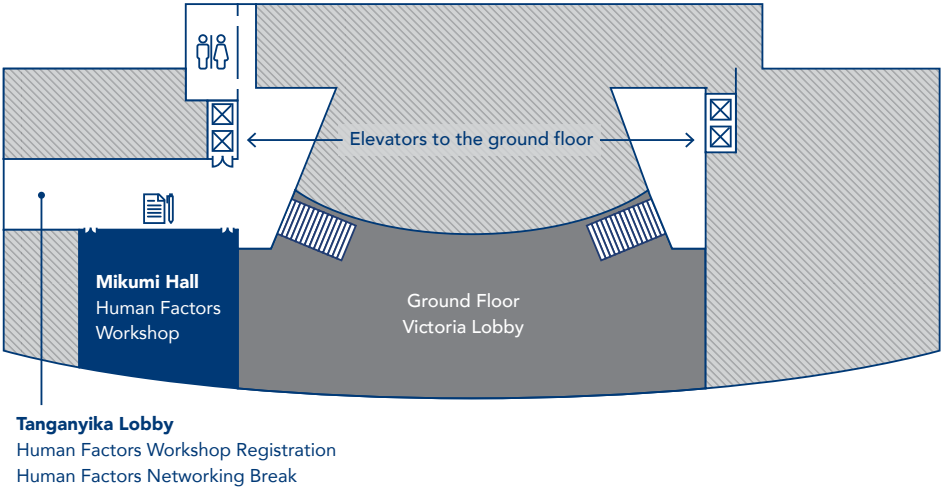


Floorplan

JNICC GROUND FLOOR



JNICC FIRST FLOOR





**CANSO Global
ATM Summit
and 24th AGM**

**BAKU
2020**

Save the Date: 8-11 June 2020

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Aireon is operating a space-based air traffic surveillance system for Automatic Dependent Surveillance-Broadcast (ADS-B) equipped aircraft throughout the entire globe. Aireon harnesses next-generation aviation surveillance technologies that were previously only ground-based and, for the first time ever, extend their reach globally to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders. Real-time ADS-B surveillance covers oceanic, polar and remote regions, as well as augment existing ground-based systems that are limited to terrestrial airspace. In partnership with leading ANSPs from around the world, like NAV CANADA, Iridium Communications, ENAV, NATS, the Irish Aviation Authority (IAA), and Naviair, Aireon has successfully deployed an operational, global, space-based air traffic surveillance system, beginning operations in 2019.

Bronze Sponsor and Exhibitor



Contact Information

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atns.com

ATNS SOC Limited is responsible for air traffic control in approximately 10% of the world's airspace. Our services extend further than the familiar air traffic control service, into the provision of vitally important aeronautical information used for all flight planning purposes as well as search and rescue coordination activities and the maintenance of a reliable navigation infrastructure.

ATNS continues to serve the ATM community through the deployment of leading technologies, as well as continual improvement of safety levels. We understand that as an entity our excellence in business can only be appreciated and valued when we ensure financial, social and environmental sustainability.

Bronze Sponsor and Exhibitor



Contact Information

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Indra is a leading global technology and consulting company and technological partner for core business operations of its customers world-wide. It is a world-leader in providing proprietary solutions in specific segments in Transport and Defense markets, and a leading firm in Digital Transformation Consultancy and Information Technologies in Spain and Latin America through its affiliate Minsait. Its business model is based on a comprehensive range of proprietary products, with a high-value focus and a high innovation component. In 2018, Indra achieved revenue of €3.104 billion, with 43,000 employees, presence in 46 countries and business operations in over 140 countries.

Lunch Sponsor and Exhibitor



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ADB SAFEGATE is a leading provider of solutions that boost efficiency, improve safety, raise environmental sustainability and reduce operational costs for airports and airlines worldwide.

Its solutions tackle every aspect from approach to departure - airport traffic handling, airfield lighting, tower-based traffic control systems, gate and docking automation, services and advanced analytics.

We are a worldwide, world-class team with the commitment of 1100+ people, 35+ locations, 45+ nationalities. Closer to our customers is our credo.

Today, ADB SAFEGATE has a strategic sales presence in more than 35 locations around the world, and a production and engineering footprint in several countries across Europe and the United States.

Networking Break Sponsor



Contact Information

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sitaonair.aero

SITAONAIR is the air travel industry's trusted connected aircraft service expert. With its unrivalled industry-backed heritage, SITAONAIR empowers 400+ airlines, 17,000+ aircraft and 30+ operators to navigate the complexity of connectivity and unlock connected aircraft value. We work in partnership with the air travel community, helping support its digital transformation, to unlock the true value of data, grow ancillary revenues, and enhance the passenger experience, operational efficiency and airline safety.

Our co-created solutions for passengers, cockpit and cabin crew, and aircraft data management, equip the industry to address the challenges and value-generating opportunities it presents. We support Air Navigation Service Providers in defining and implementing next generation solutions of Air Traffic Management.

Lanyard Sponsor



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The people we all rely on to make air travel safe and efficient rely on Thales. Thales is a global leader in air traffic management, designing, delivering and supporting the aviation systems that keep our skies running. Our advanced technologies and ground-breaking innovations deliver solutions that are continually adapting to the ever-changing needs of the aviation industry. With engagement in all major ATM modernization initiatives, NextGen, ICAO ASBUs, and SESAR, Thales focuses on international harmonization. Our strong involvement in these initiatives, and the alignment of our product roadmaps, ensures that our solutions have been extensively tested, certified and validated.

Exhibitor



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Aeronav specializes in Integrated Air Traffic Control (ATC) Systems, Prefabricated Control Tower Cabin, Mobile Control Towers, Ground-based Radio Navigation Aids (NavAids), Airfield Lighting Systems, Power Supply Systems and Control Tower Design. Aeronav services range from design, integration, installation, training and maintenance services to global turn-key solutions for Air Navigation Service Providers (ANSP), Aviation Organizations and Airport Authorities worldwide. All systems are commissioned in compliance with ICAO recommendations.

Exhibitor



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Aerial & Maritime was established in 2015 with main shareholders being GomSpace Group and the Investment Fund for Developing Countries (IFU).

The Company's head office is located in Mauritius with subsidiaries and offices in Ghana and Denmark.

Aerial & Maritime offers a nanosatellite-based service for monitoring aircrafts and maritime vessels in a region spanning from latitudes 37 degrees Northern through 37 degrees Southern Latitude. Our primary offerings are Next-Generation enabled ADS-B and AIS services for monitoring aircraft and maritime vessels respectively.

Exhibitor



Contact Information

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Airways is a world-leading provider of air traffic management, air navigation, training and consultancy services, and is renowned globally for driving innovation and development in the aviation sector. With a continuous improvement approach to air safety and operational efficiency, New Zealand's ANSP has a proud history of safe and reliable operational performance.

Airways has the expertise, leading-edge thinking and nimble decision-making to serve our customers globally. Our internationally recognised training programmes, advanced simulation, ATC selection solutions, and interactive learning resources help customers achieve lower training costs with high success rates. We also design future-ready airspace through our experienced Aeropath team.

Exhibitor



Contact Information

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IATAS's model offers numerous benefits for your organizational needs, as there is no purchase needed or upfront fees. IATAS will install, provision, commission and maintain all products as a service, including adherence to evolving regulations affecting your operations. IATAS will collaborate with your organization to ensure operational safety, capacity, efficiency, regulatory adherence and resiliency.

IATAS specializes in Tower systems A-SMGCS Level 4 to increase capacity, anti-incursion system, efficient upper airspace/AMAN/DMAN/XMAN, autonomous clearance delivery without CPDLC, Global ATFM synchronization platform, national multi-tower remote backup and more.

Exhibitor



Contact Information

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Metron Aviation is helping the Air Traffic Flow Management industry minimize delays, reduce fuel costs and balance demand with capacity. Metron supports customers with a variety of ATFM tools and services that include decision management, post operational reporting and analysis, weather translation, environmental impact, assessment services, and advanced interactive ATFM simulation training. To solve your ATFM challenges, think Metron Aviation.

Exhibitor



Contact Information

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NAVBLUE an Airbus Company

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Lead aviation into the digital age. NAVBLUE is an aviation services company, dedicated to Flight Operations & Air Traffic Management Solutions, wholly owned by Airbus. Through digital & collaborative innovation, our passionate & customer-focused team develop solutions to enhance the safety and efficiency of air transport.

NAVBLUE provides products and services for mixed fleets and supports both civil and military environments, on the ground and on board any aircraft. NAVBLUE offers the highest level of expertise in digital cockpit operations, Operations Control Centre (OCC) systems, Flight Ops Engineering, Performance Based Navigation (PBN) and Air Traffic Management (ATM).

Exhibitor

NOKIA

Contact Information

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We create the technology to connect the world. Powered by the research and innovation of Nokia Bell Labs, we serve communications service providers, governments, large enterprises and consumers, with the industry's most complete, end-to-end portfolio of products, services and licensing.

We adhere to the highest ethical business standards as we create technology with social purpose, quality and integrity. Nokia is enabling the infrastructure for 5G and the Internet of Things to transform the human experience.

We enable safe and efficient Air Traffic Management with Nokia's reliable and secure networking solutions.



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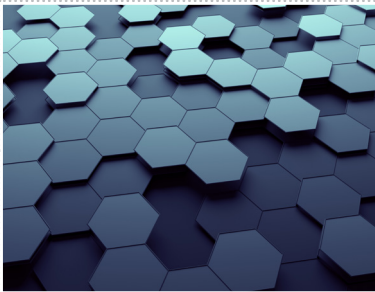
10 - 12 March | Madrid, Spain

IFEMA, Feria de Madrid
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Forthcoming Events



CANSO Global ATM Safety Conference 2019

📍 Paris, France
📅 4-7 November

An event brings together leading experts in safety and offers an unparalleled insight into policy, best practice and innovation.

- ✓ 4 days
- ✓ 80+ delegates
- ✓ 83% ANSPs
- ✓ 35 countries



CANSO Latin America and Caribbean Conference 2019

📍 Willemstad, Curaçao
📅 18-20 November

This conference offers exciting opportunities for the advance and development of ATM in the region and beyond.

- ✓ 2.5 days
- ✓ 100+ delegates
- ✓ 42% ANSPs
- ✓ 22 countries

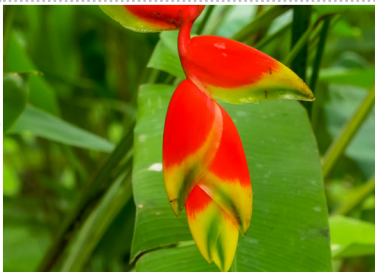


CANSO in Madrid 2020

📍 Madrid, Spain
📅 9-12 March

CANSO brings together a number of high profile events that include the CANSO CEO Strategy Summit and CANSO ATM Gala Dinner, before World ATM Congress and countless networking opportunities over the course of the entire CANSO Madrid Week.

- ✓ 4 days
- ✓ 700 delegates
- ✓ 74% ANSPs
- ✓ 57 countries



CANSO Asia Pacific Conference 2020

📍 Port Moresby, Papua New Guinea
📅 12-15 May

Hosted in one of the world's busiest air transport regions, this is the one event in the year that unites senior ANSP executives, colleagues and suppliers from across the region.

- ✓ 2.5 days
- ✓ 150+ delegates
- ✓ 67% ANSPs
- ✓ 29 countries



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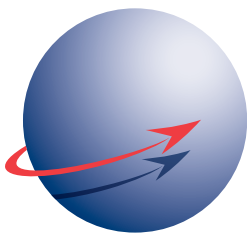
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