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About CANSO

Transforming Global ATM Performance

WHO we are

WE ARE ATM

CANSO Members provide air traffic control and related services to almost 90 per cent of world air traffic.

CANSO brings the world's air navigation service providers, leading industry innovators and air traffic management specialists together to share knowledge, develop best practice and shape the future for secure and seamless airspace. Together we are experts, we are innovators and we are the architects of future ATM.

The Purpose of CANSO is to create value for its Members by being the global and regional voice of ATM and by facilitating and supporting improvements in global and regional ATM performance.

ATM is a dynamic industry going through a period of exciting change and transformation. CANSO provides the leadership, global oversight, regional focus and technical expertise to help the ATM community to navigate this and to build a stronger future together.

– **Jeff Poole**, Director General
CANSO

WHAT we do

CANSO and its Members seek to overcome challenges and harness opportunities in ATM by:



Maintaining a network for ATM experts around the world to exchange information and ideas.



Leveraging global expertise to develop policies, positions and guidance to promote best practice in ATM and support the safe, efficient and effective management of airspace.



Working with regulators, airlines, industry suppliers, airports and other aviation industry stakeholders to realise improvements in the aviation system.



Serving as the global voice of ATM and representing the views and interests of Members at relevant international institutions and on a range of contemporary issues across the industry.

We can all learn from each other: benchmarking and best practice are hugely valuable to us all, and CANSO provides these in the key operational and institutional areas.

– **Alex Bristol**, Chief Executive Officer
skyguide - swiss air navigation services ltd

WHY we do it

CANSO was founded in 1996 as more of the world's air navigation service providers separated from their regulatory authorities.

As the air traffic management (ATM) industry changes, so are CANSO members. Our Members are taking on a range of new tasks and responsibilities as they prepare for a new generation of ATM technologies and major changes to the numbers and types of aircraft operations they support.

ANSPs are developing new operating models, transforming the ATM market place and developing its capabilities. Alongside, Associate Members are also developing new tools and technologies that are changing the nature of operations and expanding the scope for service delivery. In addition, international aviation regulatory bodies are preparing new rules and procedures that will impact on the operations of ANSPs both now and in the future, and new entrants to airspace are challenging the status quo for all.

It is essential that the ATM industry is able to respond to these developments, remain open to new practices and procedures and continue to influence its own future through proactive advocacy.

Metron's CANSO Associate Membership is extremely valuable, providing a forum for keeping abreast of and influencing industry trends through the CANSO forums that allow access to all industry leaders – suppliers, customers and providers alike.

– **John Kefaliotis**, President
Metron Aviation

HOW we do it

Through Advocacy

CANSO is an official Observer to the ICAO Council and to the Air Navigation Commission (ANC). Participation in ICAO panels enables CANSO to influence regulatory matters that may affect our members. We represent the views of the industry in critical discussions on global standardisation and bring specialist knowledge and expertise to ICAO work programmes.

In turn, CANSO provides ICAO and the aviation industry with specialist knowledge and expertise and the constant level of cooperation required to harmonise global ATM.

Industry partners

To provide a strong aviation industry voice, both within ICAO and beyond, CANSO actively collaborates across the industry. Through regular liaison we agree to common positions on industry issues and are able to represent that consensus with a strong united industry voice.

CANSO Member participation

CANSO welcomes Member participation in ICAO panels, working groups, study groups and task forces and other global symposia or fora.

These offer a unique glimpse at what the future holds and enable CANSO Members to volunteer expertise and share views on potential policies, legislative issues and other points of interest, on behalf of the wider membership.



More information can be found at canso.org/icao.

Through our Local Expertise

CANSO has five regions which support Members in each region. CANSO's regions promote CANSO's vision of seamless and harmonised airspace, support Members to implement global best practices and develop tailored regional plans and solutions to improve ATM performance in the region.

The CANSO regions work in close partnership with equivalent regional organisations representing industry stakeholders including ICAO, States, airlines, airports and others.



Africa



Asia Pacific



Europe



Latin America and Caribbean



Middle East

Through our Workgroups and Task Forces

CANSO workgroups and task forces bring together global experts to focus on specific functional areas of ATM. Operating as part of CANSO's three standing committees – Operations, Safety and Strategy and Integration – they provide an objective environment for Members to address issues of common interest, exchange views and experience of best practice, and develop new best practice, guidance and reports across a broad spectrum of issues.

The work done by our Members in work groups and task forces help to improve safety, drive operational efficiency and solve business problems.



SAFETY

- SMS and Best Practices Workgroup (SMS and BP WG)
- Safety Performance Measurement Workgroup (SPM WG)
- Future Safety Development Workgroup (FSD WG)
- Human Performance Management Workgroup (HPM WG)
- Cyber Security Task Force (CS TF)



OPERATIONS

- Environment Workgroup (ENV WG)
- Performance-based Navigation Workgroup (PBN WG)
- Aeronautical Information Management Workgroup (AIM WG)
- RPAS and Emerging Technologies Workgroup (RPAS/ET WG)
- Air Traffic Flow Management Workgroup (ATFM WG)
- Operational Performance Workgroup (OP WG)
- The Controller Pilot Data Link Communications Task Force (CPDLC TF)
- Smart/Digital Tower Task Force (SDT TF)
- UTM (Drone) Task Force (UTM TF)



STRATEGY AND INTEGRATION

- Acquisition Excellence Workgroup (AE WG)
- Global Benchmarking Workgroup (GB WG)
- Human Resources Workgroup (HR WG)
- Next Generation of Aviation Professionals Implementation Task Force (NI TF)

Through Best Practice, Guidance and Reports

Through the collaborative activities of its workgroups and task forces, CANSO creates a variety of best practice, guidelines and reports for Members to implement at global, regional and national level.

These include best practice on implementing operational efficiencies such as PBN and ATFM; policy papers on issues such as sovereignty and separating regulation from service provision; and benchmarking via KPIs across participating ANSPs.



SAFETY

- CANSO Standard of Excellence in Safety Management Systems
- Unstable Approaches: Risk Mitigation, Policies, Procedures and Best Practice
- Emergency Response Planning Guide
- Safety Culture Definition and Enhancement Process
- Common Safety Method on Risk Evaluation and Assessment for ANSPs
- Fatigue Management Guide For Air Traffic Service Providers
- CANSO Asia Pacific Regional Safety Implementation Strategy
- CANSO Europe Strategy for the Future of Safety in ATM



OPERATIONS

- ANSP Carbon Footprinting: A Best Practice Guide.
- Performance-Based Navigation for ANSPs: Concept 2030
- AIM Guidance Manuals on Training and Quality
- Best Practice Guide to Crossing Flight Information Region Boundaries
- Automation Interface Between Flight Information Regions Best Practice Guide
- Airport Collaborative Decision-Making: Optimisation Through Collaboration
- ANSP Guidelines for Implementing ATS Surveillance Services Using Space-Based ADS-B
- Managing the Impacts of Aviation Noise
- Performance-Based Navigation: Best Practice Guide for ANSPs
- ANSP Considerations for RPAS Operations



STRATEGY AND INTEGRATION

- CANSO: Fit for the Future of ATM
- Cyber Security and Risk Assessment Guide
- Global Air Navigation Services Performance Reports (annually)
- Acquisition Excellence Manual
- Guide to Seamless Airspace
- Framework for ANSP Management Systems
- Guide to Customer Relationship Management
- Guide to Separation of Service Provision and Regulation
- Airspace Sovereignty: a CANSO Perspective

Through Events

CANSO hosts and helps to organise events of all shapes and sizes – from global and regional conferences to specialist workshops and trainings. These attract over 700 delegates from over 50 countries and offer insights on current key challenges and opportunities in ATM, the development and implementation of ATM best practice, regional issues and global trends.

Events give the ATM community the opportunity to listen to industry thought-leaders, learn about key issues and the latest technology, share experiences and as a result, innovate.



CANSO in Madrid

CANSO brings together a number of high-profile CANSO events and countless networking opportunities in Madrid.



CANSO Global ATM Operations Conference

A specialist conference on delivering ATM operational improvements which is open to all industry stakeholders.



CANSO Asia Pacific Conference

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.



CANSO Global ATM Summit and AGM

CANSO brings together global leaders from across the aviation industry to discuss the key contemporary issues and projects.



CANSO Africa Conference

This conference focuses on a rapidly developing region, the diverse challenges and wealth of opportunities.



CANSO Global ATM Safety Conference

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



CANSO Latin America and Caribbean Conference

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

Partnership Events and Activities

WORLD ATM CONGRESS



World ATM Congress combines a large-scale exhibition, world-class conference, and premier networking opportunities with the chance to learn about the latest air traffic management trends and developments. A CANSO partnership with ATCA the event is organised for the industry, by the industry, and is backed by leading air navigation service providers and industry suppliers. World ATM Congress takes place annually in March at IFEMA in Madrid.

 For more information: worldatmcongress.org/home

ASBU IMPLEMENTATION TRAINING

The comprehensive training programme Methodology and Best Practices for ASBU Implementation has been designed to provide members of the global aviation community with a common understanding of the ICAO Aviation System Block Upgrades methodology. The course is indispensable for those involved in ATM systems planning and modernisation programmes, and provides insight into key implementation issues such as how to identify gaps between current ATM and ASBU capabilities; and how to develop a business case to support investment decisions.

 For more information: mai.mitreaasd.org

Through Industry Intelligence

Airspace



Airspace is CANSO's global magazine for air traffic management (ATM) and its key players. Published quarterly, it is written by industry experts and features interviews with top managers and thought-leaders. It not only explores important ATM issues with regard to safety, operations, policy and technology, but also provides readers with unparalleled insight into the latest issues and developments and in-depth analysis.

 All previous issues can be viewed online canso.org/airspace-issue-43-q4-2018

ATM News

ATM News is our weekly digital newsletter, which is emailed to over 8,000 subscribers from around the world. Based on news from CANSO and CANSO Members, it provides ATM industry intelligence on key developments and improvements to airspace, major initiatives and new contracts.

 ATM News items can also be found online www.canso.org/news-0

CANSO Blogs

CANSO blogs are the voice of the industry. They offer thought-leadership, raising the profile of industry key players and spark discussion and debate.

 All blogs can be viewed online at canso.org/blog



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