



**canso**  
civil air navigation services organisation

# Restart and Recovery – the ATM perspective

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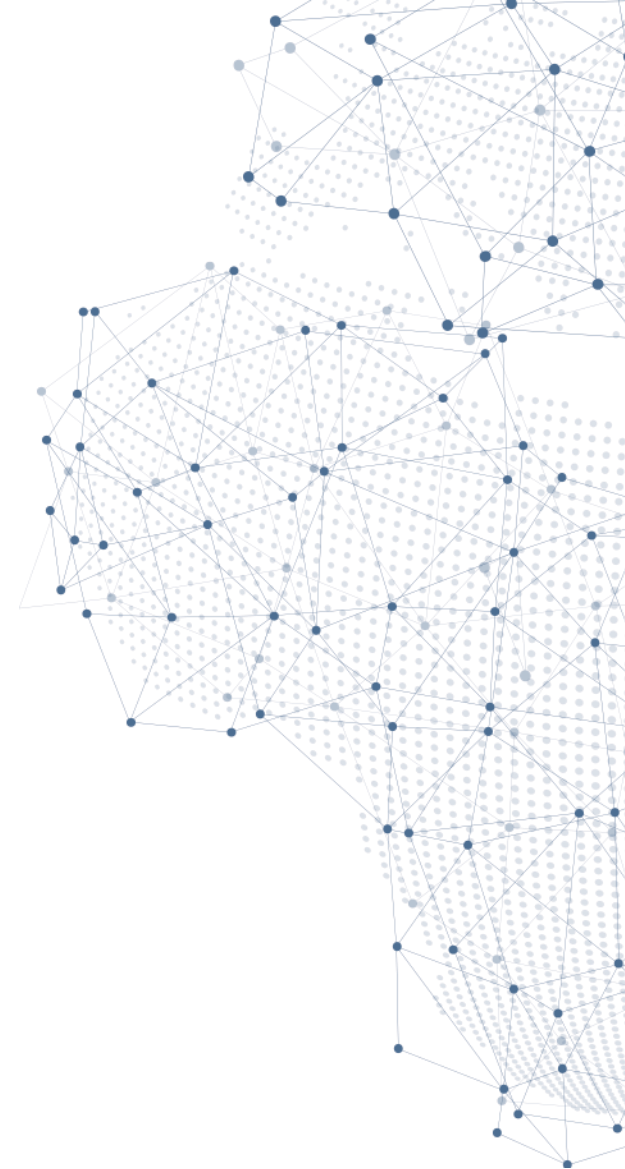


# Air Traffic Management

- As travel restrictions kicked in and borders are closed, ANSPs have kept the airspace open for repatriation flights, cargo and other essential traffic.
- In many respects, ATM is not restarting as it never really shut down.
- However as air traffic recovers, air traffic demand levels and patterns will be variable
- ANSPs must be prepared to respond effectively to the recovery while continuing to ensure operational continuity.

# Looking Ahead

- Much uncertainty remains – when and how fast
- Air Traffic operational complexities will vary greatly depending on how long the downturn lasts and how fast traffic resumption occurs
- Shape and pace of recovery may be different in different regions and in different parts of a region



# Preparing for the Recovery

- During the downturn ANSPs have kept the skies open for a much lower demand
- When the recovery comes, ATM capacity must be reinstated to match the traffic demand and patterns depending on where and how the recovery is taking place.
- As international flights cross multiple FIRs, it is essential for airports, airlines, ANSPs and regulators to share information and coordinate closely during the recovery. If ATM capacity is sufficient only in some but not all the FIRs that a flight passes through recovery will be hindered

# CANSO Guidance:

*COVID-19: Ensuring Continuity of ATS Service Globally.*

- Published in April 2020
- Covers measures to mitigate the potential spread of COVID-19; workplace cleanliness, social distancing and social responsibility
- Measures for ensuring operational business continuity



# CANSO Guidance:

*COVID-19: ANS Restart and Recovery Guide* (Will be published shortly)

- **Safety Remains Number One:** Maintaining Staff Competencies and Skills during downturn
- **Traffic and Resource Management:** Demand prediction tools
- **Regulatory Coordination:** Renewal of licenses, oversight activities.
- **ATM Maintenance:** Operating status of ATM infrastructure, NOTAMS
- **Collaboration:** Airport Collaboration, CDM

# Industry Partnership

- CANSO has partnered Aireon, the provider of satellite-based ADS-B services to develop data driven insights and analysis of traffic trends. These are published in CANSO's bi-weekly ATM Traffic Analysis Reports to help ANSPs understand how the pandemic is impacting the industry and to assist in their recovery plans.
- CANSO has partnered Metron Aviation (a CANSO associate member with strong expertise in ATFM) to provide ANSPs with a complimentary traffic demand prediction tool to support the recovery process.
- CANSO has teamed up with Micro Nav to offer its ATC radar and tower simulator as a complimentary cloud-based tool to ANSPs to enable controllers to practise with higher traffic levels in order to maintain proficiency.



# ATM recovery planning in APAC

- ICAO APAC has started regular COVID-19-Related ATM Operations and Contingency Coordination video conferencing
- Participants include the contingency focal points of APAC States, CANSO as well as IATA. Started discussions on an APAC Covid-19 ATM Contingency Recovery Strategy.
- Aim to enhance industry collaboration and regional collaborative decision making (CDM) as traffic growth will be less predictable.

# Conclusion

- Getting aircraft flying again will require close coordination across the entire aviation industry.
- The only way we are going to navigate through this crisis is if we all work together.
- CANSO is coordinating with ICAO on the production of an ATS module that will be added to the CART Take Off document.





**Thank you**