

canoso

civil air navigation services organisation

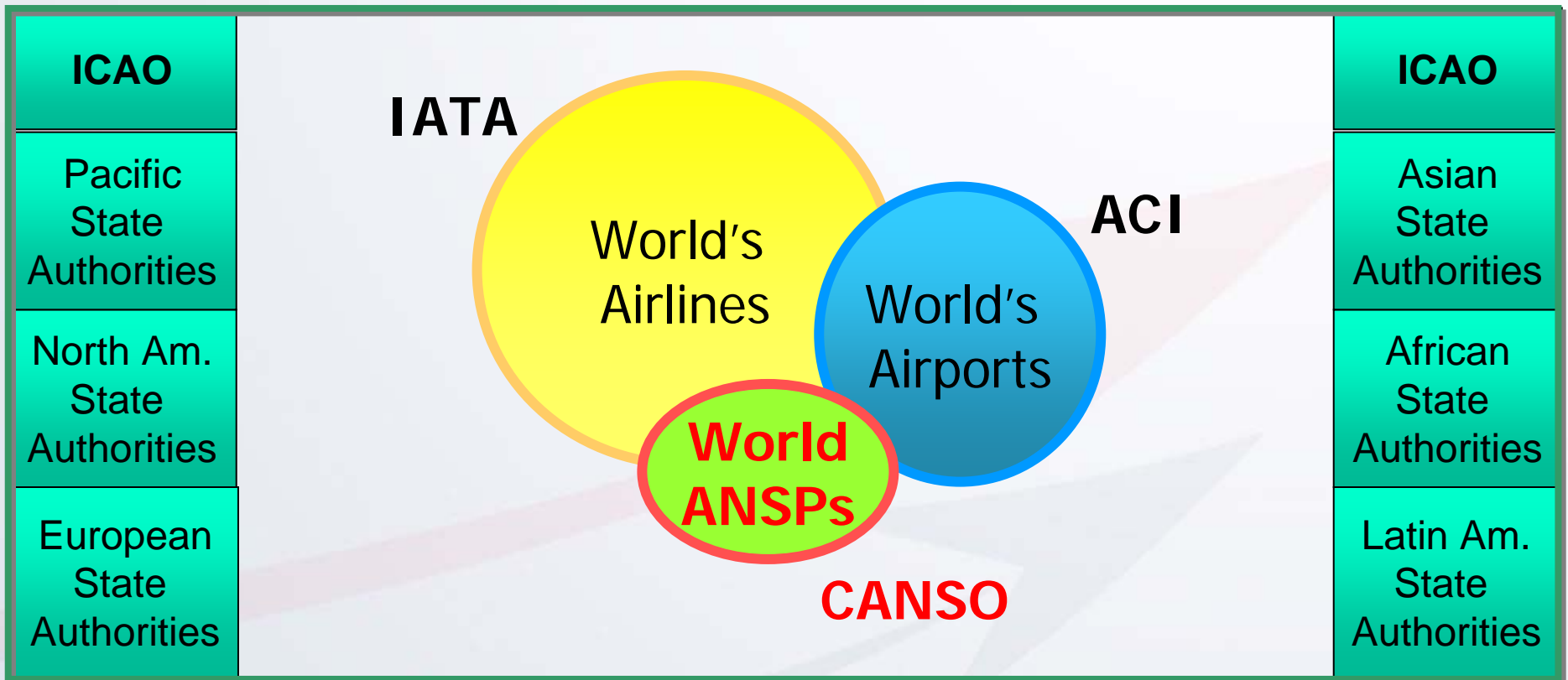
The Global Voice of ATM

The Need for Modernisation of ANSPs

Quick introduction to CANSO

- The Global Trade Association of Air Navigation Service Providers (ANSP)
- Members control over 80% of world's air traffic and more than 70% of the world's airspace
- HQ in Amsterdam with offices in Brussels, Montreal and Singapore.

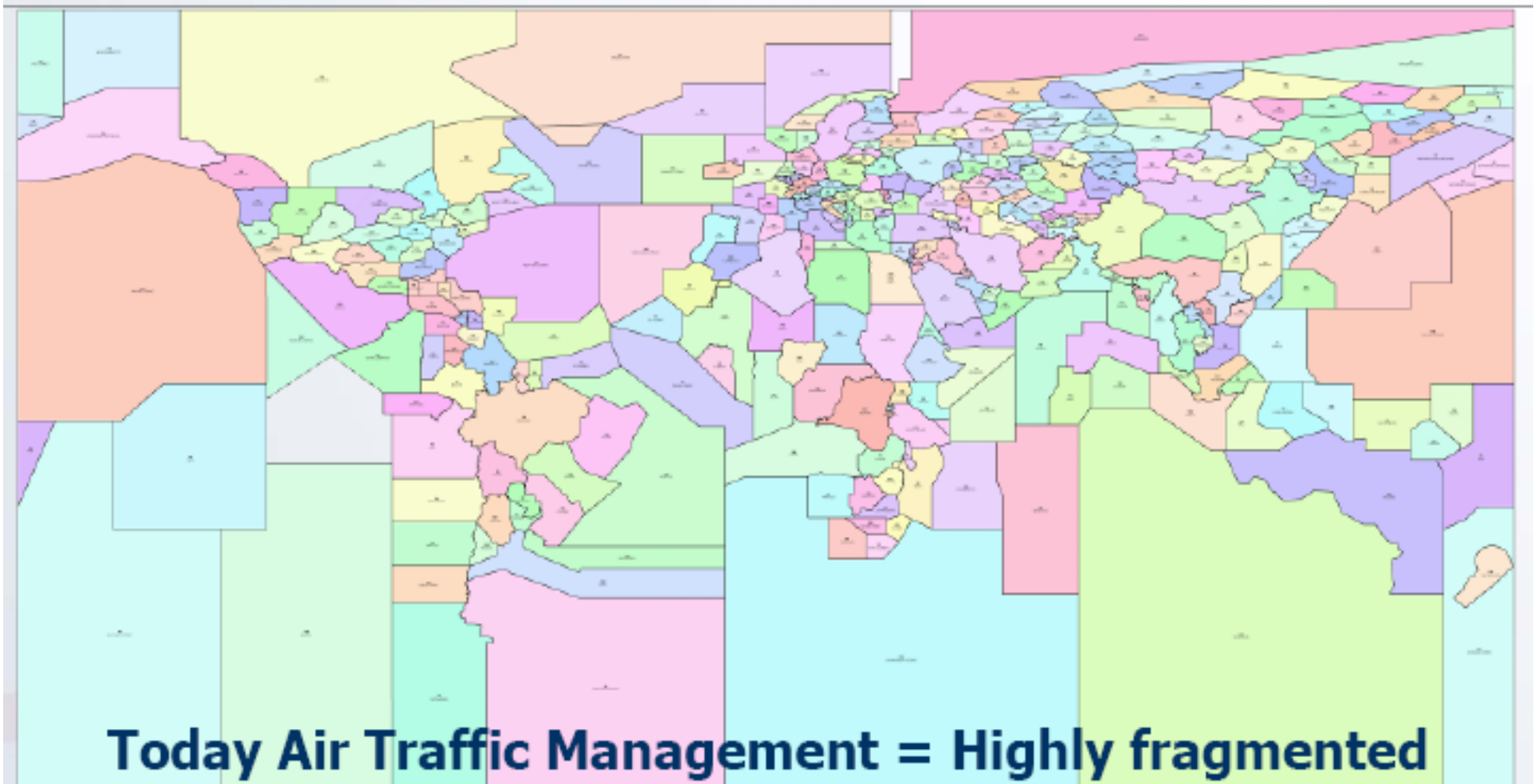
Positioning of CANSO



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Global Flight Information Regions



Fragmented airspace coupled with growing traffic demand.....



Driving the need for ANSP modernisation

➤ Safety

➤ Efficiency

➤ Capacity

➤ Environment



ANSP MODERNISATION =
ENABLING TECHNOLOGY
+
BUSINESS TRANSFORMATION



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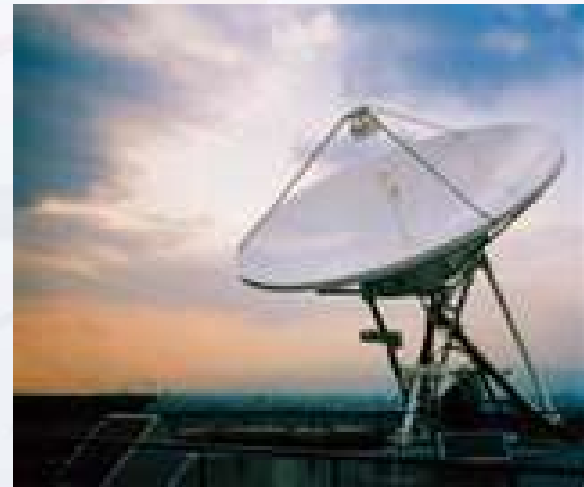


What is on the horizon ?

- Technology that promises greater safety, capacity and efficiency. Delivering seamless airspace and optimal flight paths to users
- In Europe – SESAR
- In US – NextGen
- In Asia Pacific ?

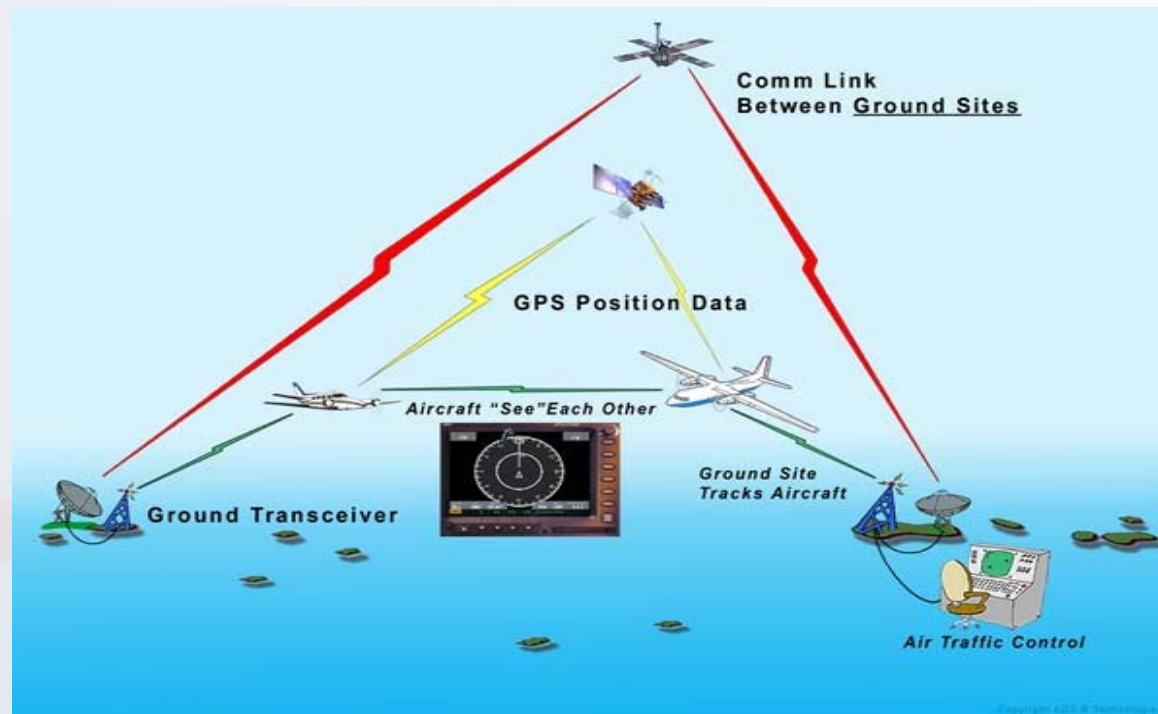
Technology

- From ground based to satellite based CNS/ATM systems
- From disjointed ATM systems to internationally harmonised and interoperable ATM systems



Not necessarily more costly....

New surveillance systems like the ADS-B cost a fraction of a radar system



Example of ANSPs working together to harness technology

- CANSO and IATA collaborating with regional ANSPs under the auspices of ICAO to provide full ADS-B coverage over the South China Sea
- Safety, capacity and efficiency will be greatly enhanced resulting in lower fuel burn and emissions

Beyond the Hardware....

- ANSPs have to become more business oriented and customer focused
- Stronger governance structure - separating the role of the Service Provider from the Regulator

The Challenge.....



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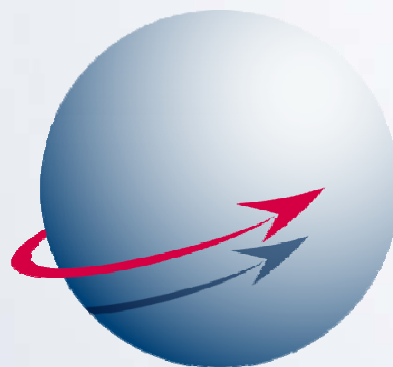


Business transformation

- Good governance – regulatory and institutional arrangements that promote safety, efficiency and cost effectiveness
- Market driven performance based culture
- Customer focused service delivery
- Benchmarked against best in class

Conclusion

- Continuous growth in air traffic will force the pace of change in technology and the transformation of ANSPs
- But ANSPs by themselves cannot solve regional and global airspace problems
- Only close collaboration can deliver efficient, cost effective and seamless airspace to users



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