The ICAO Global ATM System requires the adoption of an operational scenario that includes Routes Network, Minimum separation, assessment of obstacle clearance, and CNS infrastructure to meet specific safety and strategic objectives. The course provides a grounding in technology in order to relate your local aviation environment to the ICAO Global Air Navigation Plan and help provide the necessary planning tools to implement it.

How You Will Benefit

- Gain an overview of ICAO CNS/ATM technologies and infrastructure to support the transition to a performance based air navigation system
- Be introduced to the concepts of the Global ATM System and Performance-based Navigation (PBN)
- Gain the fundamentals of strategic planning for the provision of Air Traffic Services and how to reconcile ATM concept with strategic business management
- Learn the basics of Operational and Capacity planning in order to plan for the future

Designed for

- Middle and Senior management from Air Traffic Services environments
- Air Traffic Controllers who want to develop their leadership and management skills

Course Content

- Creation of ICAO (Doc 7300)
- ICAO Annexes relevant to the provision of Air Traffic Services
- ATM operational requirements – the airspace concept that makes necessary
- Discuss available and emerging technology
  - C – Communication, including local technologies such as VSAT
  - N – Navigation, including in the aircraft, such as GNSS
  - S – Surveillance, including ADS-B and multilateration
- Examine how to start with a baseline of an Airspace Concept without infrastructure and build up from that basis
- How to integrate safety by using Safety Management Systems (SMS)
- Examine how to reconcile the Global ATM concept with strategic business management