New PANS-Information Management delivered to ICAO October 2021
- Applicability date November 2024

SWIM Implementation Manual Mature draft October 2021
- Version fully aligned with PANS-IM mid-2023

AIRM version 1 delivered October 2021
- Managed by industry
Addresses
- Service orientation
- Governance
- Quality
- The three SWIM layers
  - Information
  - Information service
  - Technical infrastructure
Governance

▪ is key to ensuring system wide information management is established in accordance with an appropriate implementation framework

▪ builds and maintains trust between stakeholders

▪ includes governance bodies, standards, policies and processes
▪ Remind States of the need to implement a QMS
  ▪ For information
  ▪ But also, for information services

▪ Remind States of the need to comply with the quality requirements of the particular information domain(s).
Information

- Information exchange requirements are based on the intended uses of the information
- Reliance on information exchange models (e.g. AIXM, FIXM, IWXXM)
- Common understanding of the meaning of the information is achieved using an information exchange model or aligning with the ATM Information Reference Model (AIRM).
Information services

- SWIM service registry
  - Mechanism to advertise information services

- Information service overview
  - Way to provide in the registry enough information to allow information service consumer to select the services they need
Technical infrastructure

- SWIM requires an IP network and is supported by the Internet Protocol Suite (IPS)
- Introduces interface bindings as a means to facilitate interoperability
Conclusion

SWIM provisions are on the way.