



Air Cargo Digitalization - Aruba



About Aruba

- Island in the Caribbean.
- Size: Approximately 10 x 30 km
- Population: Approximately 120.000
- Part of the Kingdom of the Netherlands.
- Main source of income: Tourism.



Aruba's Airport

- One international airport (AUA).
- Runway length: 8,999 ft. (2,743 m).
- Over 50 operators serving Aruba.
- Most passengers are tourists.
- Room to improve/develop the air cargo sector.



Air Cargo Operators Serving Aruba

All Cargo Operators:

- AerCaribe (Colombia) – B737
- Aerosucre (Colombia) – B727 / B737
- Lineas Aereas Suramericanas (Colombia) - B727 / B737
- Amerijet (USA) – B757 / B767
- Ameriflight (USA) – EMB-120 / BE-1900 / BE-99
- Fast Xpress Services (Aruba) – Piper PA-31
- Vensecar/DHL (Venezuela/Panama) – ATR-42



Air Cargo Operators Serving Aruba

Main Combi Cargo Operators:

- American Airlines (USA)
- Copa Airlines (Panama)
- KLM (Netherlands)
- TUI Fly NL (Netherlands)



Other Air Cargo Stakeholders

- Swissport (KLM & FEDEX)
- Aru-Freight (Amerijet)
- DHL Express
- FAST Delivery (UPS)
- E-Post (Post Office)



Aruba's Vision

To promote and enable a safe, secure and sustainable growth of the air cargo industry and secondary sectors in Aruba by creating and maintaining a digital and seamless air cargo supply chain.



Benefits for Aruba

- Development and growth of the air cargo sector.
- Increased efficiency and speed & quality of service.
- Enhanced operational safety.
- Enhanced health safety (reduced risk of the spread of communicable diseases).
- Enhanced security (verifiable credentials).
- Reduced carbon footprint.
- To benefit from the advantages on a broader scale (e-commerce, multimodal interface, drones, etc.)



Why Aruba?

- Room for improvement and development.
- Relatively simple cargo supply chain.
- Aruba's air connectivity and geographical location.
- Aruba's experience with passenger digitalization processes.
- Aruba is ideal to set-up a pilot project for testing purposes.



Experience with Health Verifiable Credentials (HVC)

- Pilot-project and Proof of Concept (POC) for Health Verifiable Credentials.
 - April 2021 – HVC Labs and Vendors.
 - December 2021 – HVC Border crossing.
- SITA and Aruba partnership.
- European Identity and Cloud Conference 2022 (award winner).



Steps for Aruba

- Establish working groups (legal, ICT, financial, operational, technical);
- Perform gap analysis (legal, ICT, financial, operational and technical);
- Develop action plan;
- Allocate funds;
- Promote and engage with stakeholders (encourage cooperation rather than competitiveness);
- Set-up pilot project;
- Move towards regional integration of project.



Key Points to Consider

- What needs to be adapted in Aruba's regulations? Some regulatory changes may take years.
- Aruba has not (yet) signed the Montreal Convention...is this a deal breaker?
- What are the financial implications for this project?
- Promotion of cargo 7th freedom bi-multilateral agreements in parallel is essential.
- Cybersecurity.
- Data protection.
- Alignment of the legal framework with the principles captioned in the Model Law on Electronic Transferable Records and in reference to the eAWB.



Outcomes and ICAO's role

1. Upcoming ICAO Assembly (Sep 2022)

- Establish a task force that will develop for ICAO Assembly 41 a strategic document that would guide ICAO's work programme to ensure safety, security, capacity and efficiency, sustainability as well as resilience vis-à-vis air cargo and the broader supply chain.
 - Aruba plans to co-write a working paper with respect to the above and highlighting the importance and benefits of the project.
2. (Continue to) increase awareness amongst stakeholders of ICAO work in digital transformation in reference to digital transport and trade.
 3. Provide assistance/guidance to member States specific to air cargo supply chain digitalization.
 4. ICAO to actively engage with WCO (World Customs Organization).
 5. All states and stakeholders are encouraged to provide additional feedback as to what (additional) role can ICAO play with respect to the topic.



END

