Interactive Cargo

Project Overview
Outline

What is the vision?

What is going to be delivered?

How will the results be delivered?

What are the project timeline and key milestones?

Who takes part in this project?
The Time to Prepare for COVID-19 Vaccine Transport is Now

iata.org/en/pressroom/pr/2020-09-09-01
Air cargo is an essential component of cross-border e-commerce
Our vision

To equip airlines and the air cargo supply chain with responsive air cargo services based on intelligent systems able to:

- **self-monitor**;
- send real-time **alerts**;
- **respond** to deviation to meet customers’ expectations;
- and **report** on the cargo journey to allow data-driven improvements.

Making cargo talk

- **Locate**
- **Track**
- **Monitor**
- **Notify / Alert**
- **Respond**
Objectives and key deliverables

The goal is to provide stakeholders in the air cargo supply chain with a set of standards and guidance documents to enable and ease the use of connected devices for interaction with cargo.

**Interactivity Characterization**
- Vision of Interactive Cargo data capture and sharing
- Data elements required for Interactive Cargo
- Implementation of interactive cargo data capture and sharing

**Device Certification**
- Vision of the use of connected devices in the air cargo industry
- Standard certification process for connected devices
- Adoption and use of connected devices

**Data Use Agreement**
- Data use charter
- Data use agreement part of the conditions of carriage

**Pilots for Operational Validation**
- Development of pilot projects
- Validated and updated SOPs

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**Legend**
- Policy Paper
- Recommended Practice (RP)
- Standard Operating Procedure (SOP)
- Data Use Agreement (DUA)
- Pilots
Interactivity Characterization

How to integrate Interactive Cargo requirements into ONE Record?

- Understand what interactions we want to achieve
- Define what we want to capture/measure
- Identify the data elements required
- Agree on a standard / common language
- Integrate the data elements into the ONE Record data model
- Identify and define business rules as appropriate
Device Certification

How to set a standard certification process?

- Understand the technical constraints
- Understand the regulatory framework (e.g. FAA, EASA)
- Understand the current certification process

- Identify the pain points
- Define the priorities

- Identify commonalities and harmonization potential
- Set standard for connected device certification process

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Data Use Agreement

What are the rules around the use and disclosure of the data?

- Understand risks related to the use of Interactive Cargo Data
- Understand the data legal framework with regard to tracking devices

Mitigation Actions

- Identify the mitigation risks
- Describe the use/disclosure and outlines parameters of specific purpose

Data Use Agreement

- Agree on a Data Use Agreement, as an amendment of the conditions of carriage
Pilots for Operational Validation

How to verify the set of standards are fit for purpose?

- Stakeholders
- Scope (i.e. business process)
- Deliverables
- Timeline

- Project team
- Roles & responsibilities
- Organization structure

- Stage-gate process
- Project committee
- Key Performance Indicators
# Project timeline: Key milestones

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**2020**

- **Interactive Cargo Task Force Kickoff**
- **Interactivity Characterization**
- **Device Certification**
- **Data Use Agreement**

**2021**

- **COVID19 Emergency Response Plan**
- **ONE Record / Interactive Cargo Pilot Projects**
- **Interactive Cargo Pilot Projects**
- **Policy Papers**
- **Recommended Practices**
- **Data Use Agreement**
- **Standard Operating Procedures**

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The Task Force is composed of more than 50 participants representing the whole supply chain:

- Shipper
- Freight Forwarder
- Ground Handler
- Airline
- International or National Organization
- Aircraft Manufacturer
- Device Manufacturer
- ULD Manufacturer
- IT Service Provider
Communication & Engagement

Raising industry awareness and adoption

IATA Website

Digital Cargo Conference 2020
Week of 14-18 Sept.

World Cargo Symposium

Advocacy Campaign

Digital Cargo Conference

IATA World Cargo Symposium
Istanbul, Turkey
9 - 11 March 2021
How to get involved?

Contact us at:
InteractiveCargo@iata.org

Website:
www.iata.org/interactive-cargo