Interactive Cargo

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Challenges

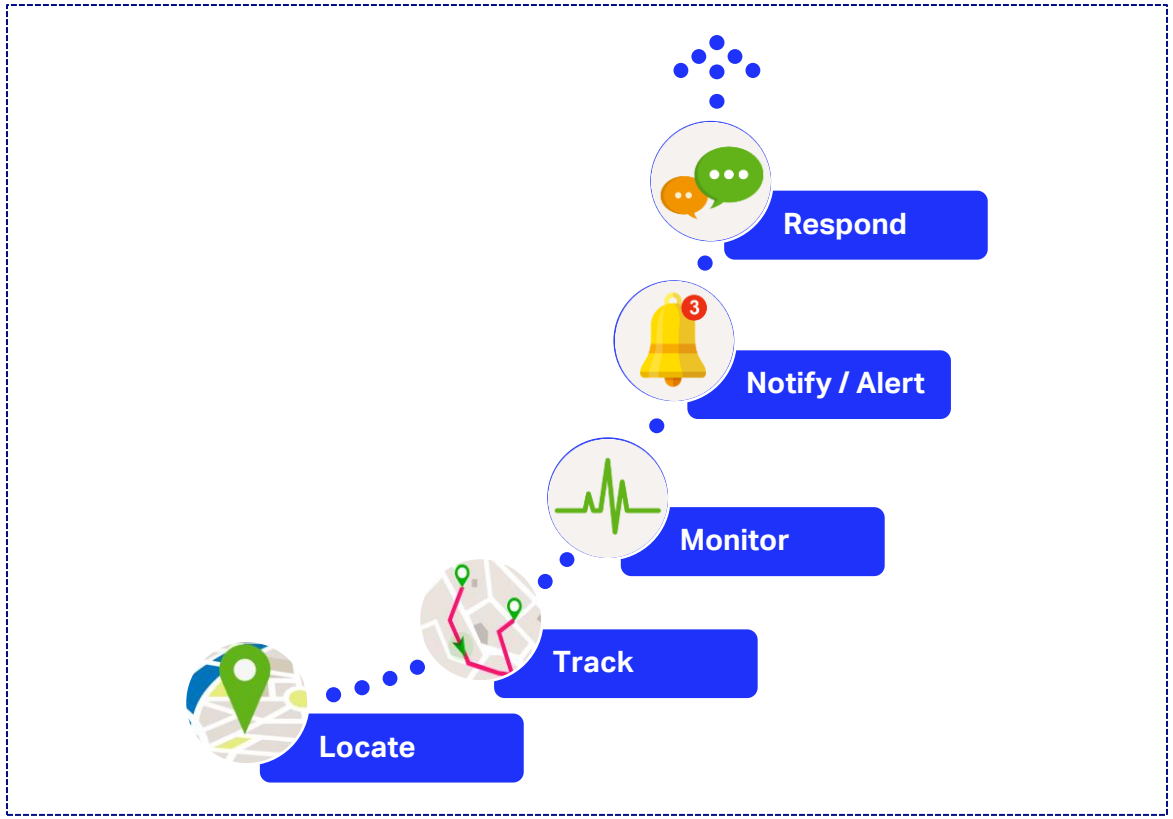
The air cargo supply chain encounters several challenges, let's focus on the ones that could be addressed by digital solutions.

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



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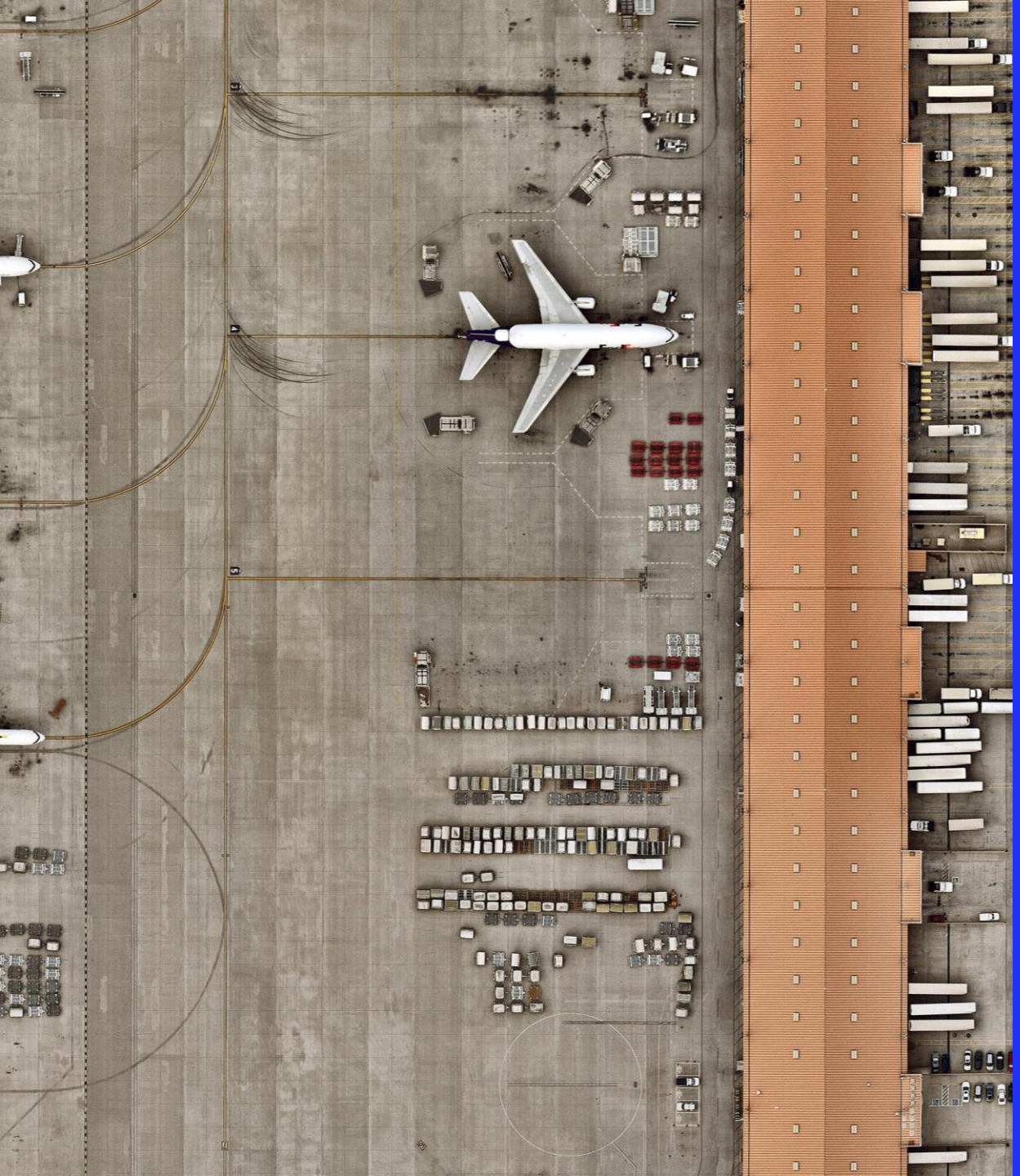

Objectives

The goal is to provide the stakeholders of the air cargo supply chain with a set of standards and guidance documents to enable, facilitate and ease the use of IoT devices for **interaction with cargo** to:

- Increase visibility
- Improve processes
- Capitalize on resources
- Lessen spoilage
- Shorten reaction time

Interactive cargo - IATA Air Cargo Device Assessment

Industry cooperation

- Air Cargo supply chain stakeholders (airlines, airports, device manufacturers, shippers, forwarders, GHAs, IT solution providers)
- Governmental authorities (FAA, EASA)

Need for standardization

Standards

- RP 1693: Device Approval for Air Cargo
- RP 1692 - IoT Device Data Sharing in Air Cargo
- SOP on Device handling
- SOP on IoT data sharing
- SOP on Device Circularity

Need for solutions

Solutions

- **Centralized database for airline approved tracking devices -** Comprehensive directory of approved devices in ONE Source
- **IATA Air Cargo Device Assessment –** New IATA validation program to speedup and streamline device manufacturer approval process

Available soon

VISION

- Equip air cargo supply chain with responsive air cargo services based on intelligent systems
- Provide stakeholders with a set of standards and guidance documents to enable, facilitate and ease the use of IoT devices for interaction with cargo to:
  - increase visibility
  - advance processes
  - improve safety
  - lessen shortage
  - shorten reaction time

BENEFICIARIES

- All players of the air cargo supply chain - airlines, airports, device manufacturers, shippers, forwarders, GHAs, IT solution providers

VALUE ADDED

- Global safer use of air cargo devices
- Streamlined and standardized approval process
- Access to information via a centralized repository
- Support to damage prevention for special cargo shipments

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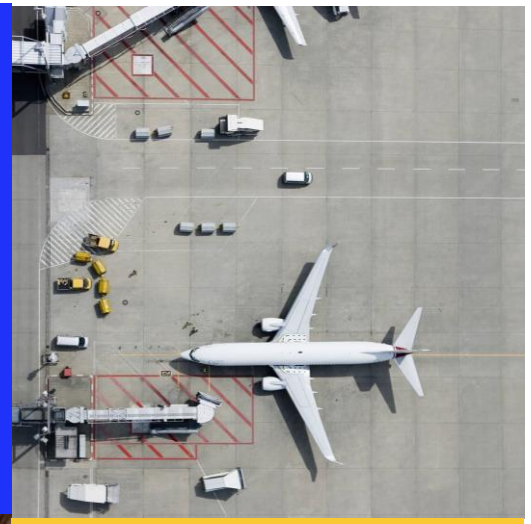
Pilots for operational validation

7 use cases



15+ companies

Objectives

- Test, confirm and adopt the recommended practices
- Trial the use of devices for tracking shipments
- Provide end-to-end visibility of shipments
- Test real time tracking and monitoring
- Assess the use of the ONE Record data model and data sharing in cargo interactivity

Learnings

+ Tangible impact of digitalization on supply chain logistics
  - Location tracking
  - Monitoring circumstances
  - Share information and react

- Challenges identified in three areas
  - Market approach
  - Technical challenges
  - General market conditions

To test your idea please contact us at interactivecargo@iata.org

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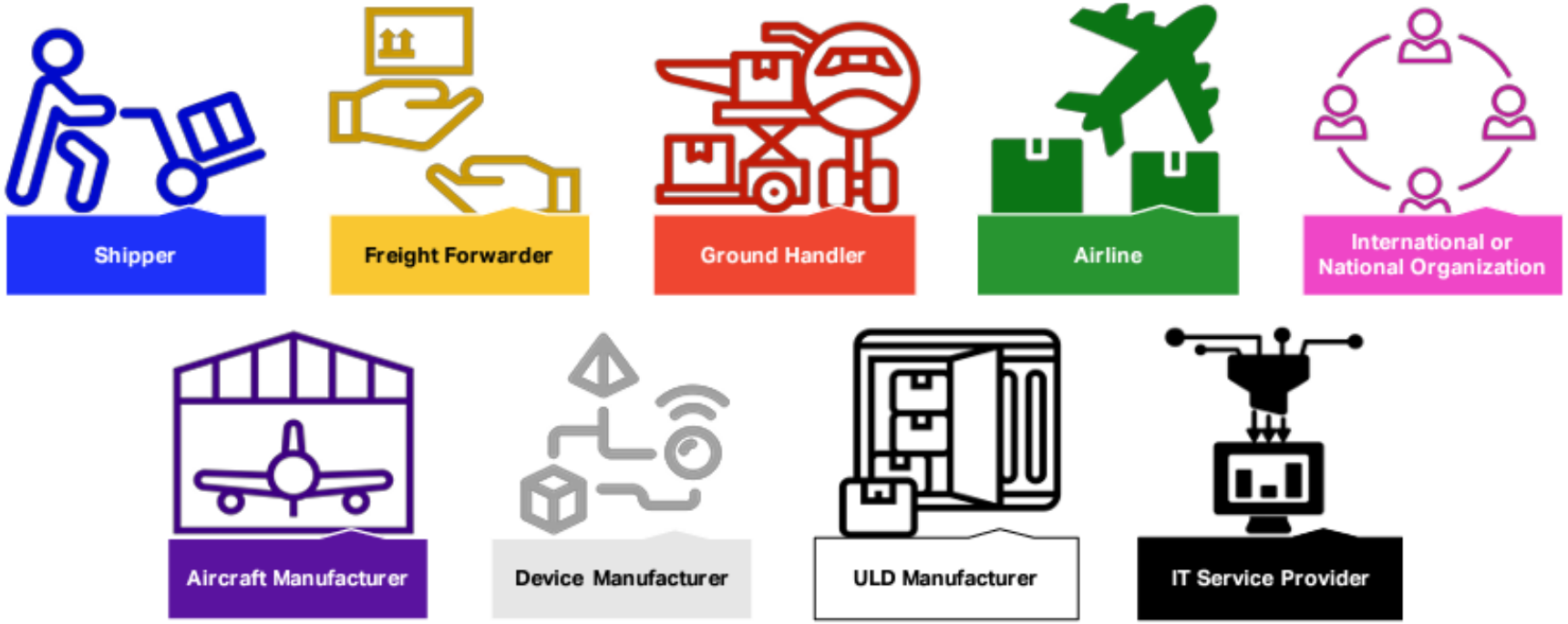
Task Force Participants

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



How to get involved?

Contact:

InteractiveCargo@iata.org

Website:

www.iata.org/interactive-cargo