# Cargo distribution

## Pilot Description

- Implementation of Cargo Distribution Data model in existing booking API
- Perform test-runs with selected customers

## Pilot Participants

**Lufthansa Cargo** + Freight Forwarder partners

## Pilot Project Tag Line

**"Strive for progress, not perfection"**

# Cargo distribution

Airline Core Ontology

Shipper's
Letter of Instruction

Cargo
Distribution

CO2
Emission

e-CMR

ULD
Tracking

Interactive
Cargo (IoT)

Dangerous
Goods

Pharmaceutical

Customs
(PLACI, ICS2)

Ground
Handling

## API / Security

PUB/SUB

LO update

Access delegation

Security

Events

Audit trail / Versioning

Access Control

Cascading status update
- Pub/sub  in multi-chain

Data integrity / non
repudiation with RDF

SHACL shapes

IoT updates

Rich data

## Implementation roadmap

*Test setting to be implemented in 2020*

# Cargo distribution

**Pilot Set Up / Architecture**

LH Cargo server using ONE Record data catalogue

Forwarder´s server using ONE Record data catalogue

IATA Sandbox systems

Lufthansa Cargo