

# Enriching commercial documents



## Pilot Description

- The use case will focus on incorporating commercial documents into ONE Record. To decide if the data model needs to expand or to upload documents and work on rich data.
- The secondary focus is to work on case study/benefit guide for customs around the world to use ONE Record

## Pilot Participants



## Pilot Project Tag Line



**" Just what you need"**

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## Data Model

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

February

March

April

May

June

July

August

September

October

November

December

*Air Waybill API development completed in Dec19 and waiting for pilot.*

*House Waybill, Invoice and Packing List APIs development planned to be completed in Q12020.*

*Advance access checking and authentication planned in Q12020.*

*Full Internal and external systems interface, data exchange and integration with other stakeholders is planned in 3-4Q2020.*

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## Pilot Set Up / Architecture

