ONE Record – Cargo pre-advise for trucking

Pilot Description

• The use case aims to enable forwarders / truckers to use truck pre-advice features via a ONE Record API with FRA local community platform Fair@Link

Pilot Participants

ibso software
DAKOSY
Fraport
Lufthansa Cargo

Pilot Project Tag Line

“Strive for progress, not perfection”
ONE Record – Cargo pre-advice for trucking

Data Model
- Airline Core Ontology
- Interactive Cargo (IoT)
- Shipper’s Letter of Instruction
- Dangerous Goods
- Cargo Distribution
- Pharmaceutical
- CO2 Emission
- Customs (PLACI, ICS2)
- e-CMR
- Ground Handling
- ULD Tracking

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

Timeline work in progress
Architecture work in progress