## Pharmaceutical shipment pilot – ONE Record

Pilot Description

- Ensure current data model allows for proper shipment data sharing of Pharmaceutical shipments (done)
- Enhance the data model to incorporate IoT devices and enrich data available to all parties (in progress, to be completed by year end. Enriching data includes incorporating CargolQ care protocols)



Pilot Project Tag Line

"ONE Pharma – Uncompromising Excellence. Commitment to Care"

## **Pharmaceuticals**

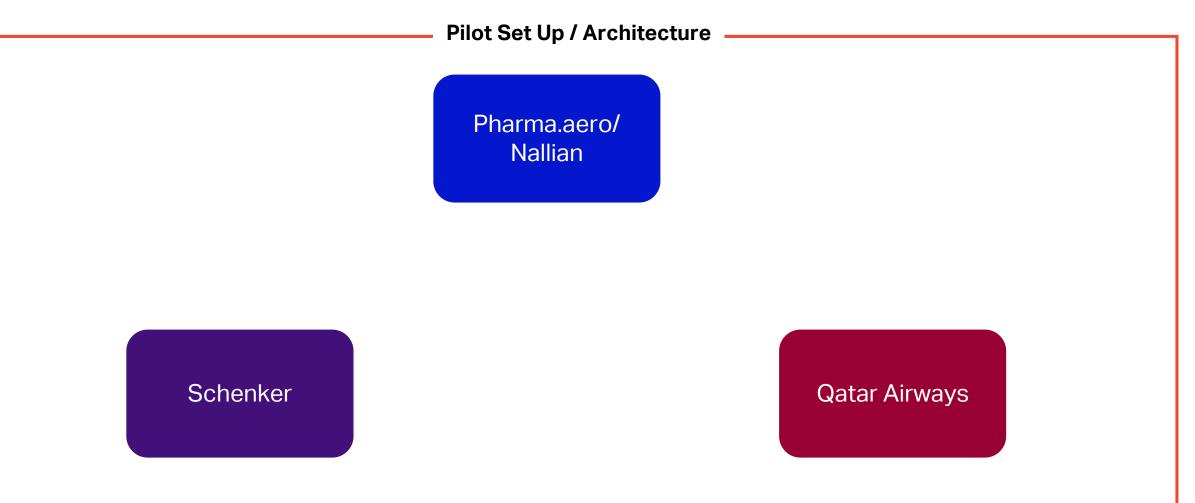


Airline Core Ontology	Interactive Cargo (IoT)	PUB/SUB	Access Control
Shipper's .etter of Instruction	Dangerous Goods	LO update	Cascading status update - Pub/sub in multi-chain
Cargo Distribution	Pharmaceutical	Access delegation	Data integrity / non repudiation with RDF
:02 mission	Customs (PLACI, ICS2)	Security	SHACL shapes
-CMR	Ground Handling	Events	loT updates
LD racking		Audit trail / Versioning	Rich data

Timeline work in progress

## **Pharmaceuticals**





## Note:

- Data flow plan to be established
- Scope includes standard AWB and HAWB data elements
- Also includes Rich data, Status messages including the shipment rest times