

ONE Record And Existing Messaging Standards



Pilot Description

- To validate the flow of key operational information between One Record ready forwarder and non-One Record ready airline is compatible with current business process.
- Data model to be validated include master air waybill document, house manifest, acknowledgement on the receipt of the document, and shipment status update.

Pilot Participants



Pilot Project Tag Line

"One Global Standard, Many Possibilities"

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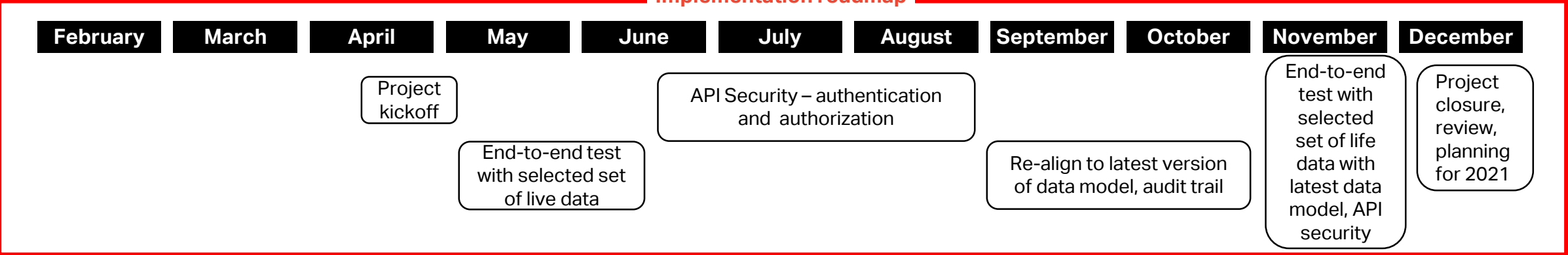
Data Model

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	Access Control
LO update	Cascading status update - Pub/sub in multi-chain
Access delegation	Data integrity / non repudiation with RDF
Security	SHACL shapes
Events	IoT updates
Audit trail / Versioning	Rich data

Implementation roadmap



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Pilot Set Up / Architecture

2020 SIN Pilot Group One Record Architecture (WTG-CCN-SQ)

