the insider’s guide towards frictionless trade
areas of improvement

the way we work in international trade

- visibility in goods movement and shipment location
- trustworthiness and security of data - control over what data is shared and how
- persistence of paper - inefficient manual processes and lack of automation
what is the problem?

limited transparency in supply chains leads to

risks, disruptions and waste (costs)
what can we do?

adopt a new

infrastructure
to digitalise and revolutionise international trade
what will it bring?

inclusive ecosystem
  data owner in control

digital twin
  be agile and make smart decisions

innovative services
  encourage new opportunities
ecosystem

network or technology

business value (use case)

participants
geography
inclusive ecosystem

- blockchain enabling
- the missing link in supply chains

- business value (use case)
- network or technology
- participants
- geography
Blockchain enabling interoperability

interoperability is the missing link in supply chains.

**Immutability of transactions**
Blockchain’s cryptographic hash functions and distributed nature ensure that information is time-stamped and tamper-proof.

**Disintermediation**
Makes seamless data sharing across platforms and supply chain participants possible.

**Validation**
Transactions are validated through a consensus mechanism; the network itself ensures that the transactions being added to the chain are genuine and authentic.

**Removal of single point of failure**
The shared and replicated nature of blockchain ensures there is no central authority that manages the data, mitigating the possibility of hacking attacks and improving the supply chain’s security.
network of networks

community network

infrastructure

data

store for value-adding services
formalising relations and trust using verified data

LOGISTIC SERVICE PROVIDERS
BANKS AND FINANCIAL INSTITUTIONS
INSURERS

SINGLE WINDOW
LOGISTICS PLATFORM
PROVENANCE PLATFORM
INSURANCE PLATFORM
FINANCE PLATFORM
REGULATOR PLATFORM

IMPORTERS
EXPORTERS
MULTINATIONALS
MANUFACTURERS
REGULATORS

OTHERS
OTHERS
OTHERS
reimagine
the way we’ll work in international trade
being able to track the shipment in real time
the ability to quickly react to any unexpected disruptions
single source of truth – all supply chain participants see the same information to which they have access
solving reconciliation while reducing errors and the accumulation of unreconciled items

what are value drivers for organisations?

AUDIBILITY
DATA SECURITY
TRACK AND TRACE
RECONCILIATION

COMPLIANCE
OWNERSHIP
PROCESS AUTOMATION
TRANSPARENCY

DATA MANAGEMENT
TRUST
STANDARDISATION
DATA SHARING
digital twin
raising performance and enabling agility
digital twin
raising performance and enabling agility
innovative services
payment against proven performance
achievements

proof of concept

shipment visibility enhanced with real-time IoT, oracles data and electronic documents
achievements

proof of concept
achievements

proof of concept
vision

“make international trade accessible, efficient and transparent”

the DELIVER platform exists to help supply chain participants pursue the perfect way to run their organisation they seem to crave

1. improving productivity and quality
2. increasing transparency among parties
3. reinventing products and processes

connect once, connect to all

trade logistics, supply-chain management, customs and border regulatory processes, insurance, cross-border payments and trade finance
# roadmap

- Finalise our «grand vision» and make the business case for stakeholders
- Experiment in pilots and iterate to improve outcomes
- Define and test future state architecture
- Create governance structure
- Approach authorities to endorse and partner
- Standardise, standardise, standardise
empower and connect to DELIVER
engage in dialogues
accelerate standards
permit the use of digital ‘documents’
contact
information

DELIVER is an initiative by

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