

# TRADELENS

*'Transparency wins'*

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# Data Pipeline Concept

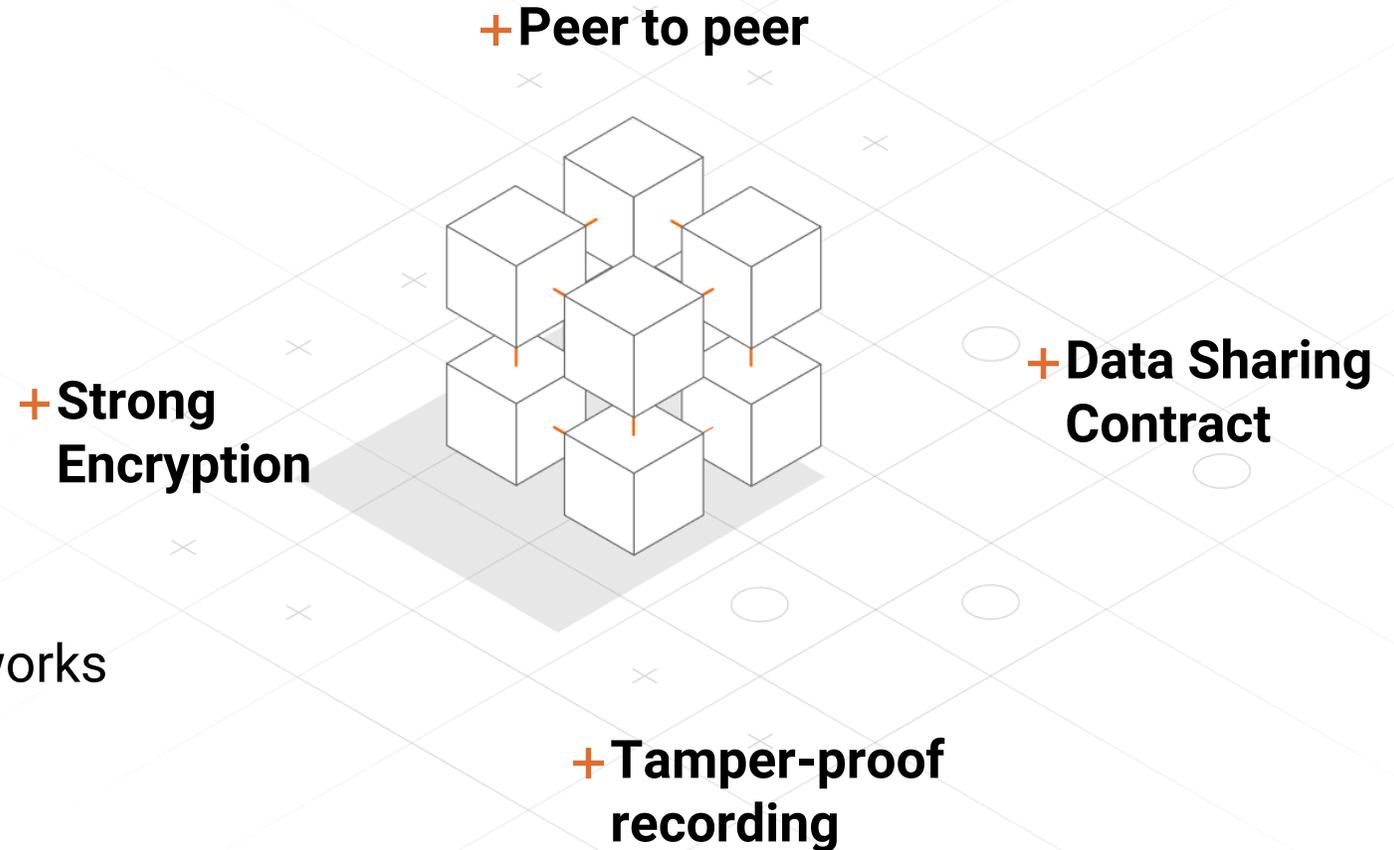
The benefits of transparency were clear to all,  
but .....

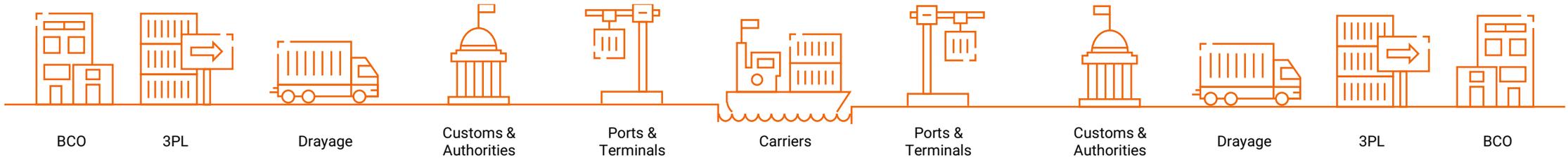
- + I will jump on your train, but will not be the locomotive
- + Who owns this central database?
- + Who will be allowed to see my data?
- + Are my data safe and protected?
- + How do I know the data and documents are not modified during transport?



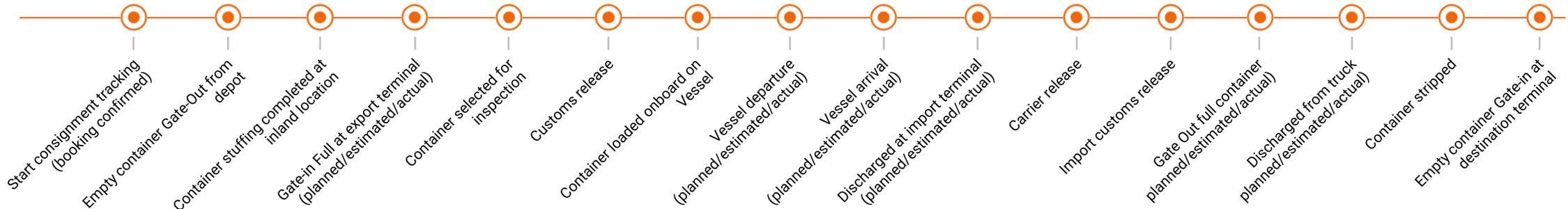
# BLOCKCHAIN-ENABLED PLATFORM

- Locomotive: Maersk and IBM
- Hyperledger Fabric
- Open-source
- Permissioned blockchain/ID and role
- Multiple nodes
- Open , Industry platform
- Neutral
- APIs
- Connecting to existing platforms/networks





SHIPPING EVENT AND SHIPMENT DATA\*



STRUCTURED AND UNSTRUCTURED DOCUMENTS\*



TRADELENS BLOCKCHAIN BUSINESS NETWORK



\* Note: representative sample only of the data on the platform

# THE TRADELENS ECOSYSTEM TODAY

## AUTHORITIES

Working with authorities from 10+ countries to deliver better information sharing, less manual paperwork, and easier connections to national single window platforms



## CARRIERS

Partnerships with >15 global ocean carriers representing data on 60% of global container shipping volume



## INTERMODAL + RAIL

Maximizing the value of logistics firms (3PL and Intermodal) by improving collaboration via open global standards around commercial, documentary, and operational elements



## PORTS AND TERMINALS

- + Coverage across 6 continents
- + Data from up to 600 ports and terminals captured by existing TradeLens members
- + 100+ ports and terminals directly integrated in to TradeLens



**+1.5B**  
EVENTS TRACKED  
(SINCE LAUNCH)

**+13M**  
DOCUMENTS PUBLISHED  
(SINCE LAUNCH)

**+30M**  
CONTAINERS PROCESSED  
(SINCE LAUNCH)

# TRADELENS eBL

The bill of lading (BL) is used on as many as 40% of containerized shipments and are a vital instrument in international trade, serving as receipt of cargo, evidence of a contract of carriage, and title.

But the manual, paper-based processes used today are ripe with inefficiencies and risk. The issuance, transfer, and surrender of the BL require the handling and physical transfer of documents by multiple parties at origin and destination, resulting in a lack of visibility, unnecessary costs and delays.

The TradeLens eBL, underpinned by blockchain, will fully digitize and streamline the BL process, eliminating frictions and reducing costs.



## + Increase security and transparency

The risks of using paper original BLs (lost documents, forgeries, delays in receipt and charges resulting in the delays) are eliminated, as documents are immediately available to all parties and any changes audited and fully traceable.

## + Streamline processes

With the TradeLens eBL, participants can electronically issue, transfer and surrender BLs via the TradeLens shipment manager and/or API connections, increasing process efficiency while assuring business requirements are met for original BLs.

## + Eliminate Cost

The TradeLens eBL in combination with TradeLens Core, allows the full shipping document pack to be shared across permissioned parties, eliminating the need to print and courier documents. Furthermore, streamlining the BL process with TradeLens enables all parties to redeploy resources to more value-added activities.

# MORE INFORMATION

## JOINING TRADELENS

- + TradeLens is available today for both TradeLens Clients and Network Members

## TRADELENS ONLINE

- + Visit us at [www.tradelens.com](http://www.tradelens.com) for more information
- + If you would like to get in contact, please provide your details [here](#)

