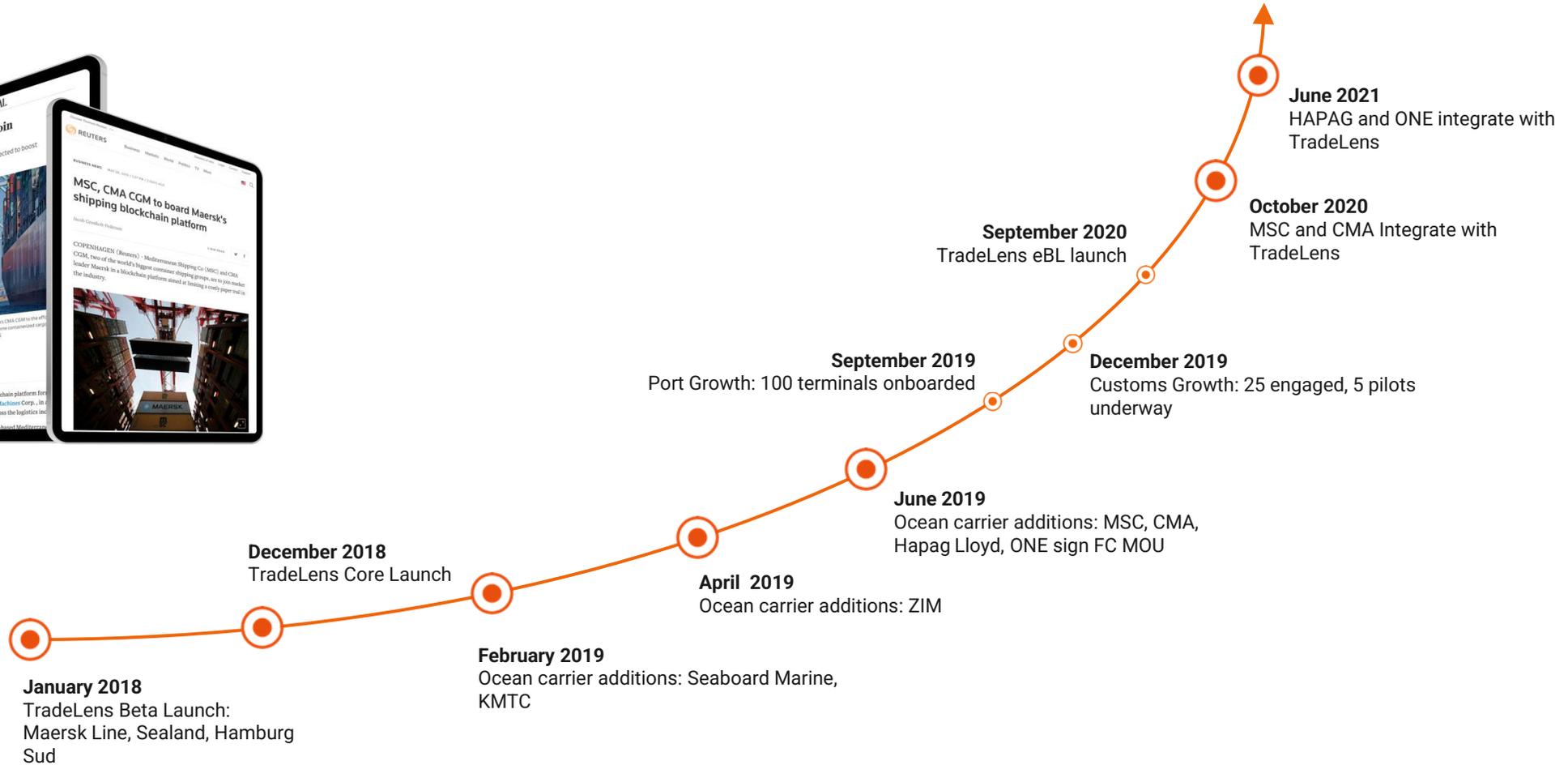
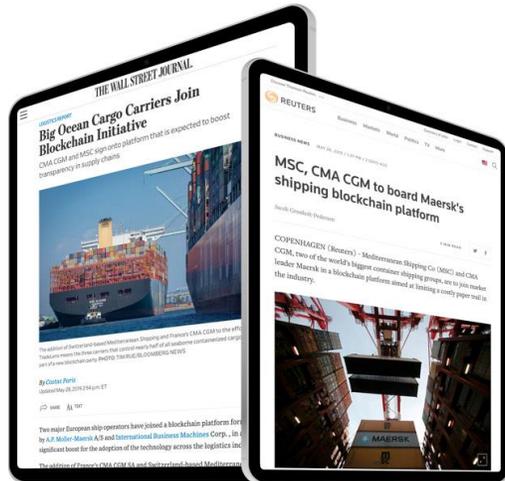


TRADELENS OVERVIEW

OUR JOURNEY



GLOBAL TRADE IS HIGHLY INEFFICIENT AND BURDENED BY PAPER-BASED PROCESSES

+ Data trapped in organizational silos

Information is held in paper and various digital formats across dozens of service providers along the supply chain, requiring complex, cumbersome, and costly peer-to-peer messaging. The result is inconsistent information across organizational boundaries, latency in obtaining shipment visibility, and blind spots that hinder the efficient flow of goods.

+ Manual, time-consuming, paper-based processes

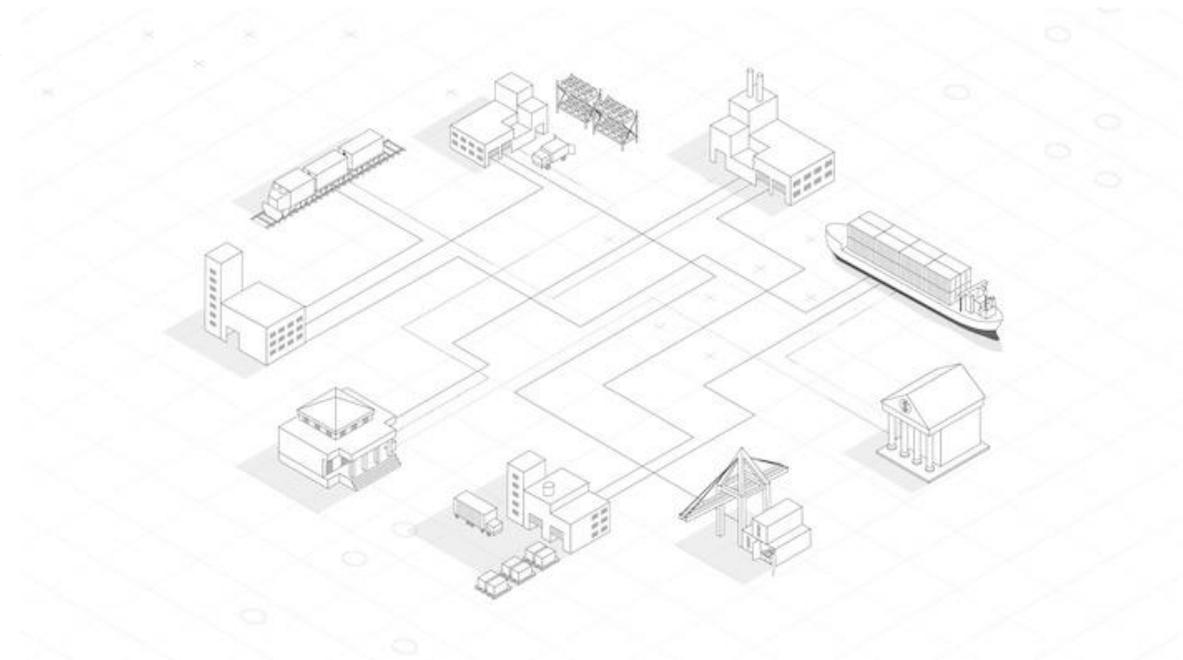
The collection and processing of up-to-date data, as well as inefficient trade document exchange, requires manual checks and frequent follow-ups and results in errors, delays and high compliance costs. Late filings are common due to missing information.

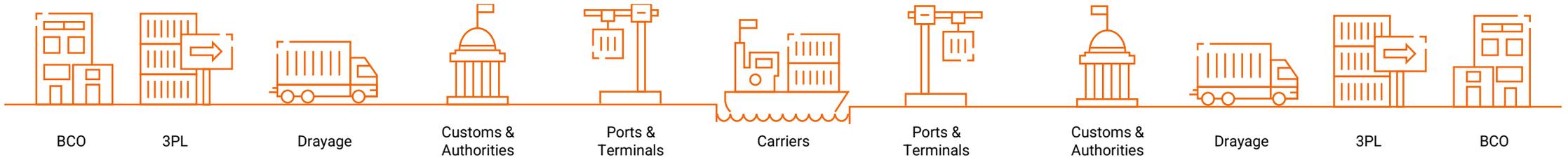
+ Clearance takes too long and is often subject to fraud

Risk assessments by customs authorities lack sufficient and trusted information resulting in high inspection rates, added prevention measures against fraud and forgery, and delayed customs clearance.

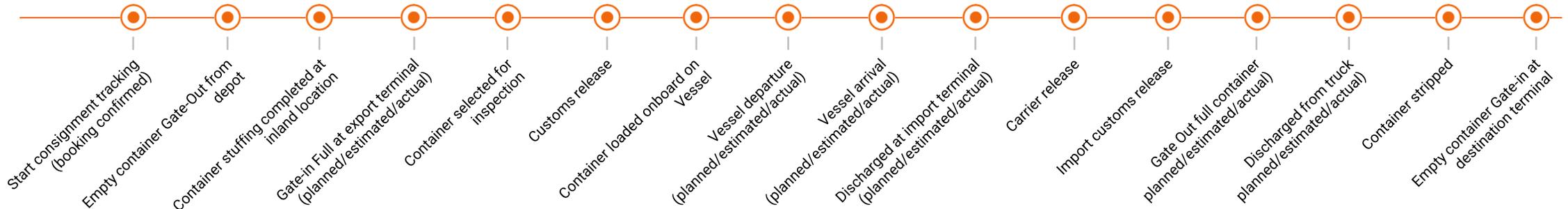
+ High costs and poor customer service

These challenges have significant downstream repercussions. The inability to forecast and plan effectively, address supply chain disruptions in near real-time, and share trusted information across the supply chain leads to excessive safety stock inventory, high administrative costs, operational challenges, and ultimately poor customer service.





SHIPPING EVENT AND SHIPMENT DATA*



STRUCTURED AND UNSTRUCTURED DOCUMENTS*



TRADELENS BLOCKCHAIN BUSINESS NETWORK



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

ECOSYSTEM DATA

Foundational data

The data and documents to track and manage shipments end-to-end

- + More than half of global container shipping volume committed
- + Vast number of trade lanes covered



Enrichment data

Supplements foundational data, in near real-time and direct from the source

- + Rapidly growing network
- + Extensive port/terminal coverage



+2.2B
EVENTS TRACKED
(SINCE LAUNCH)

+20M
DOCUMENTS PUBLISHED
(SINCE LAUNCH)

+42M
CONTAINERS PROCESSED
(SINCE LAUNCH)

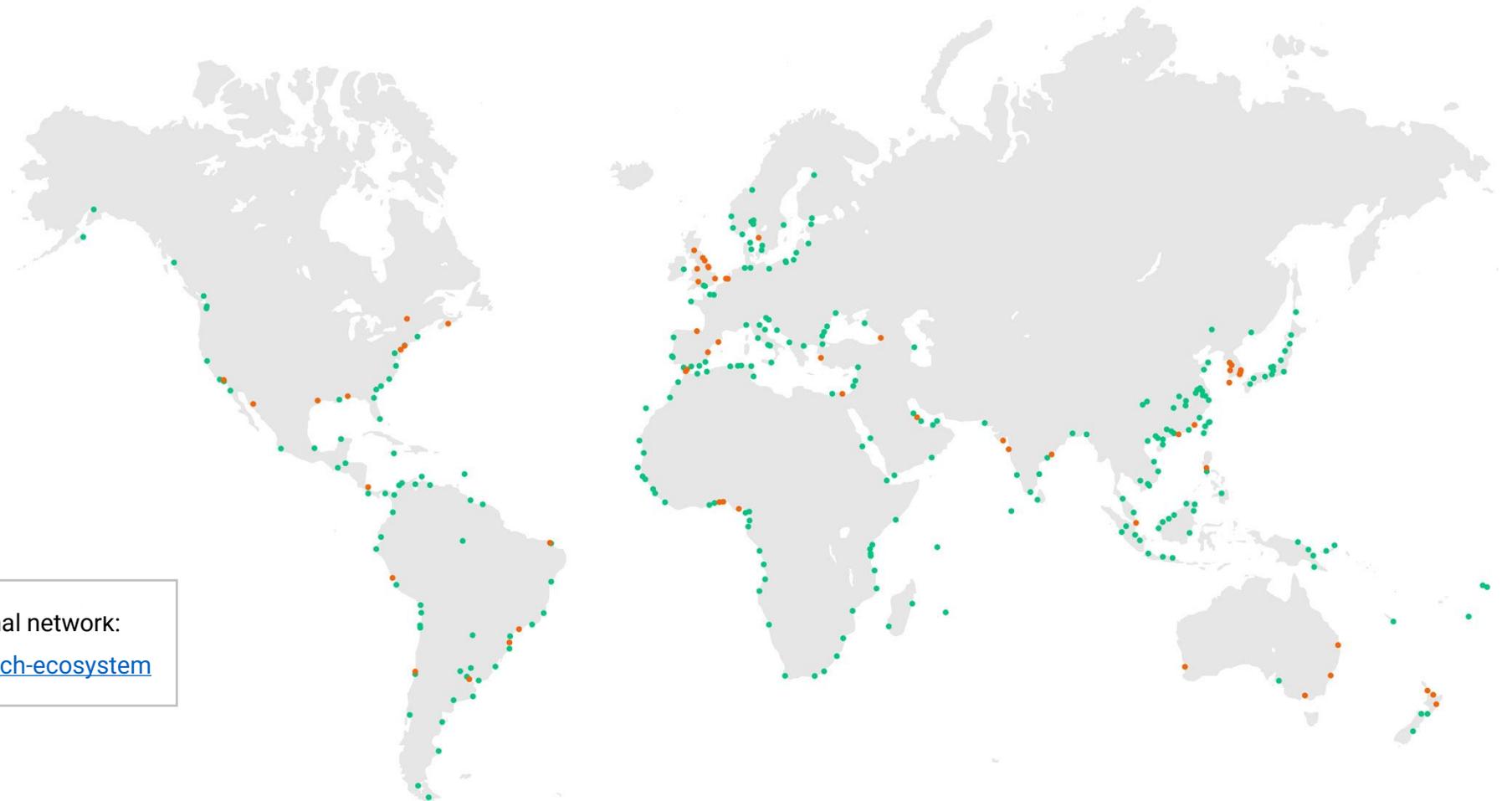
These figures are estimated to double with the recent addition of major ocean carriers to the ecosystem

* Ocean carriers who are not Network Members can provide data as requested by their customers

THE TRADELENS PORT AND TERMINAL NETWORK

- + Coverage across 6 continents
- + More than 180 ports and terminals directly integrated with TradeLens
- + Data from up to 600 ports and terminals captured by existing TradeLens members

- Ports and terminals directly integrated with TradeLens
- Ports and terminals contributing data via carriers to TradeLens



Interactive map of TradeLens port and terminal network:

<https://www.tradelens.com/ecosystem#search-ecosystem>

RAIL OPERATORS

Rail operators are increasingly seen as a cost effective and sustainable transportation option to move containers over long inland distances and even across multiple international borders.

Rail status information for containerized freight is captured via ocean carrier tracking websites, aggregators specializing in rail data and also from the rail providers. Variability in the information provided from secondary feeds or the need to consolidate data from multiple sources can create delays and miscommunication of accurate and timely information.

TradeLens data direct from the source of rail providers provides a new level of accuracy enabling enhanced operational planning for TradeLens users.



OTHER INTERMODAL OPERATORS

Intermodal operators handling their customers' cargo want more visibility up and down the supply chain so they can act fast and lower the cost of every shipment.

TradeLens provides trustworthy data that helps them to predict and optimize equipment utilization, speed up pick-ups and drop-offs and reduce queuing times.



This list of rail and other intermodal operators is not exhaustive. Speak with your TradeLens representative for a complete list, along with current onboarding status.

OCEAN CARRIERS

The ocean leg is at the heart of a container shipment journey, and as such carriers are the linchpin of the end-to-end information model by providing the booking that links all parts of the journey.

The network of TradeLens blockchain nodes are operated by our ocean carrier partners including CMA CGM, Maersk, MSC, Hapag Lloyd, and ONE. Given the central role that carriers play today in safeguarding and distributing key information and documents across parties to a shipment, they are in a unique position to govern the blockchain network that will transform the industry's information-sharing model.



A SUPPLY CHAIN AND LOGISTICS NETWORK WITH DATA COVERAGE OF **OVER 60%** OF GLOBAL CONTAINER SHIPPING VOLUME.