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TRAD+ELENIS

Overview

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

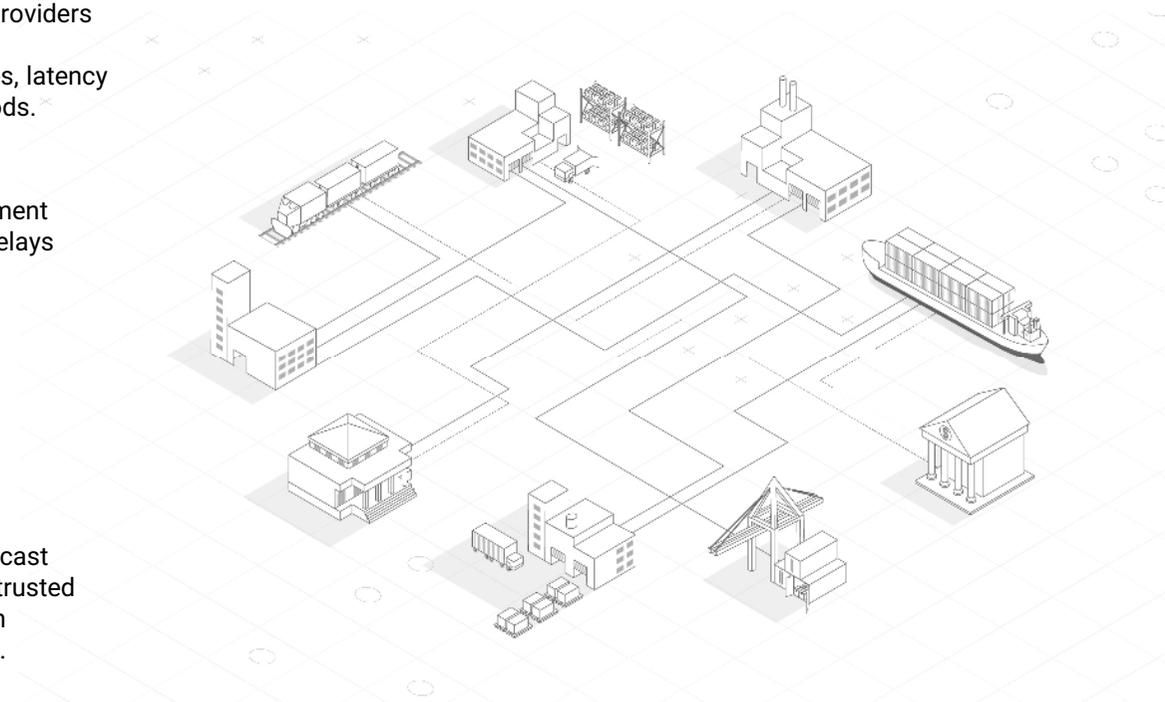
The collection and processing of up-to-date data, as well as inefficient trade document exchange, requires manual checks and frequent follow-ups and results in errors, delays and high compliance costs. Late filings are common due to missing information.

+ 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.



OUR MISSION

+ Connect the ecosystem

Bring together all parties in the supply chain - including shippers, freight forwarders, intermodal operators, ports and terminals, ocean carriers, customs and other government authorities, and others - onto a blockchain-based platform with a secure permission and identity framework.

+ Driving true information sharing

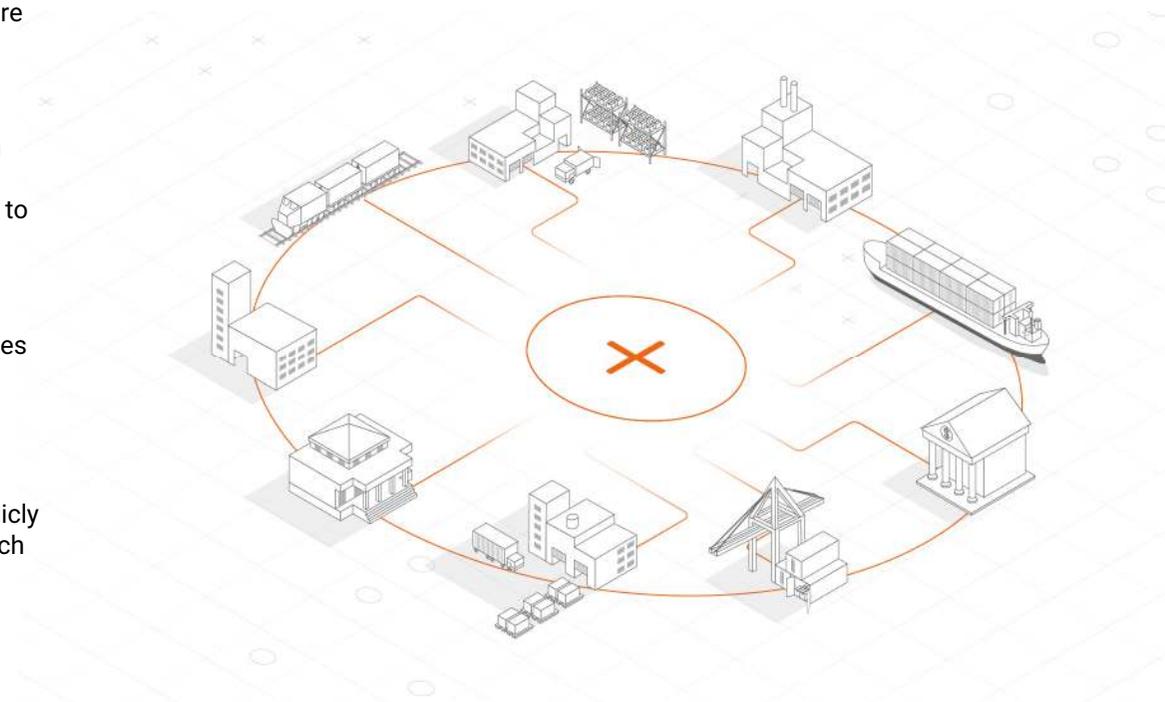
TradeLens provides seamless, secure sharing of real-time, actionable supply chain information across all parties – encompassing shipping milestones, cargo details, trade documents, sensor readings and more—thereby empowering the consumers to mitigate problems through predictability and exception handling.

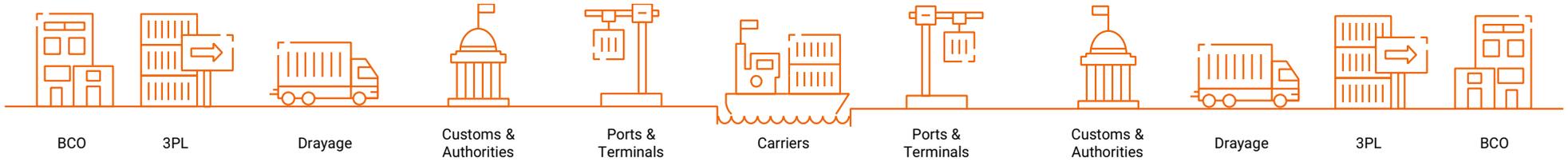
+ Foster collaboration and trust

Enable the digitization and automation of the cross-organization business processes integral to global trade, including import and export clearance, with blockchain ensuring secure, auditable, and non-repudiable transactions.

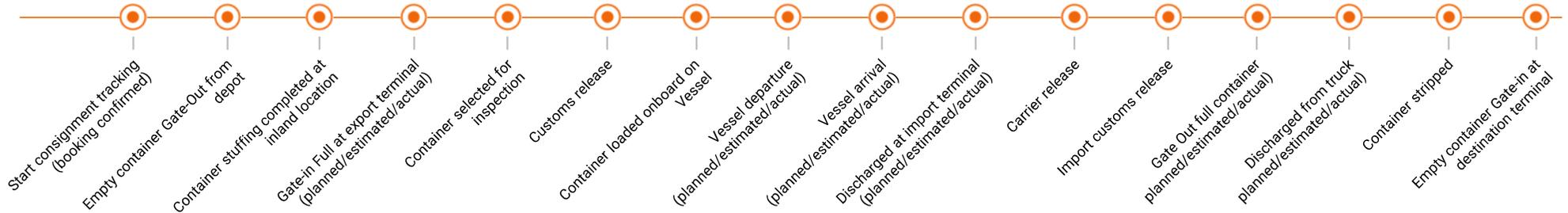
+ Spur innovation

Lay the foundation for ongoing improvement and innovation through an open, publicly-available API, the use of standards and promotion of interoperability, and the launch of an Application Marketplace that parties can use to build and deploy TradeLens-powered applications for themselves, their partners, and their customers





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
- + 140+ ports and terminals directly integrated in to TradeLens



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

ECOSYSTEM PARTICIPANTS

NETWORK MEMBERS



Ocean Carriers

Provide the transportation plan, information about the status of shipments across the ocean leg, and critical documents such as the BoL; access end-to-end supply chain data in near real-time including events directly from shipper, intermodal, customs and 3PLs



Ports / Terminal Operators

Provide information about the disposition of cargo within the boundaries of the port/terminal; access near real-time information to enrich port collaboration and improve terminal planning



Intermodal Operators

Provide transportation plans and information on the disposition of shipments carried on trucks, rail, barges, etc.; improve planning and utilization of assets given near real-time access to end-to-end supply chain events for shipments



Government Authorities

Provide information about the export and import clearance status for shipments into and out of the country; access end-to-end supply chain information for improved customs clearance and risk assessments

TRADELENS CLIENTS



Shippers/BCOs

Engage with the platform as a consumer of shipping information to improve supply chain management, as a means to collaborate with supply chain partners, and as a way to streamline clearance



Freight Forwarders / 3PLs

Engage with the platform as a consumer of shipping information, a means to collaborate with customers and supply chain partners, and a way to improve customs brokerage capabilities



Financial Services

Engage with the platform as a consumer of supply chain information for a variety of trade finance, insurance, and other purposes to reduce the risk of fraud and increase speed and flexibility to customers

TRADELENS USE CASE | LOGISTICS MANAGEMENT

STAY AHEAD OF YOUR DELIVERIES AND OFFER REAL-TIME SALES SUPPORT

Managing logistics for your business means keeping your sales and other in-house teams updated on the status of stock deliveries and expected timelines.

Today, your available information may not always be current, requiring you to make calls, send emails and search for answers with your various supply-chain partners. The process of answering a simple question for your sales team can be cumbersome and time-consuming.

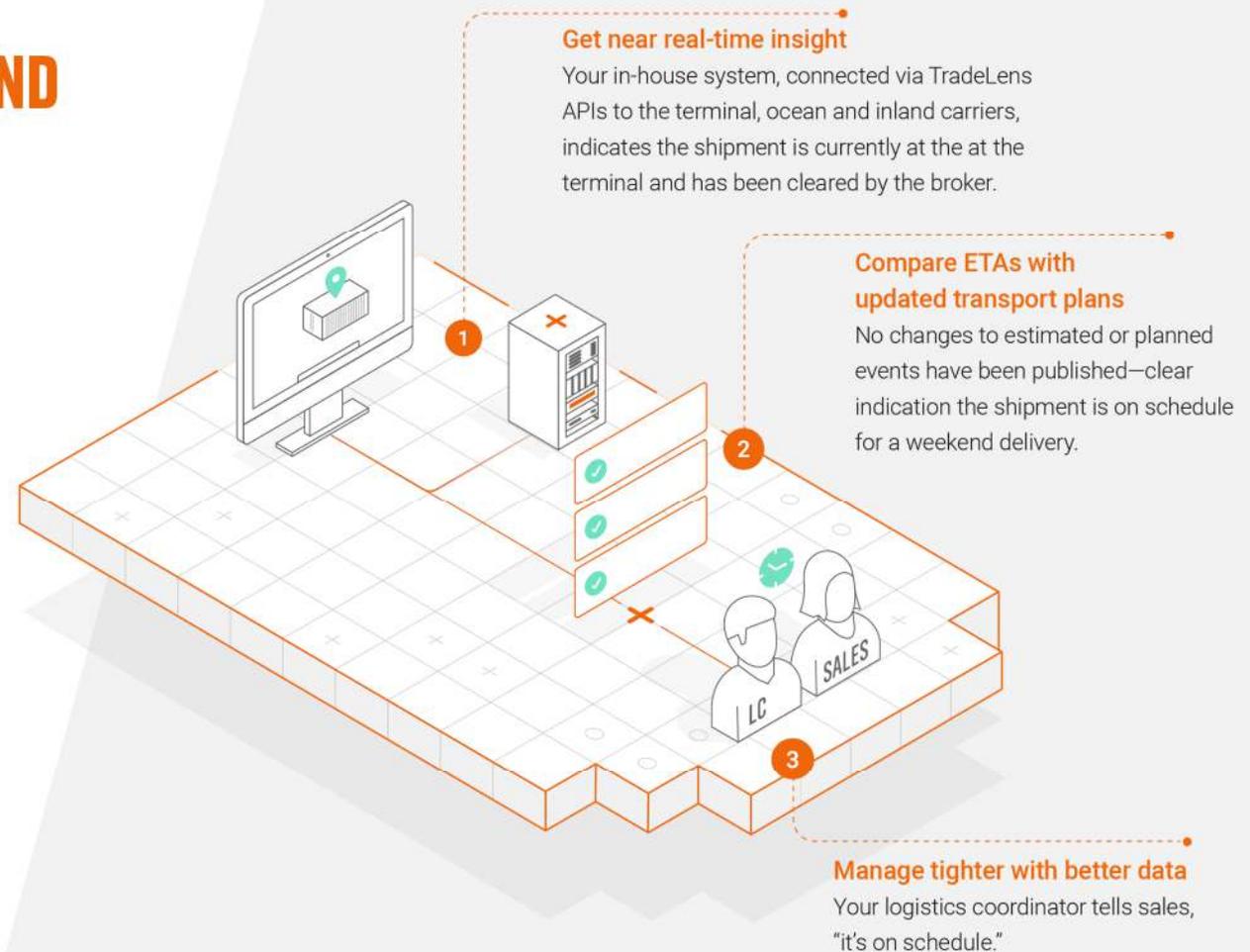
TradeLens enables collaboration and data-sharing between you, your logistics partners and entities handling your cargo, so you have near real-time updates on your shipment from end-to-end of the supply-chain

\$95.6
BILLION

Total logistics expenditures by supply chain services organizations in 2017.

PennState Smeal; Penske Logistics; Infosys; Korn/Ferry, 2018

[Download the full use case here](#)



TRADELENS USE CASE | OPERATIONS

INCREASE PRODUCTIVITY WITH SECURE, PERMISSIONED DOCUMENT HANDLING

To deliver your customers' cargo, your operations teams need to handle hundreds or thousands of shipping documents every day.

Today, document-handling errors can include sending shipping documents to the wrong customer. This and other mistakes can compromise your relationship with your customers because of resulting delays and the appearance of poor handling of sensitive commercial data.

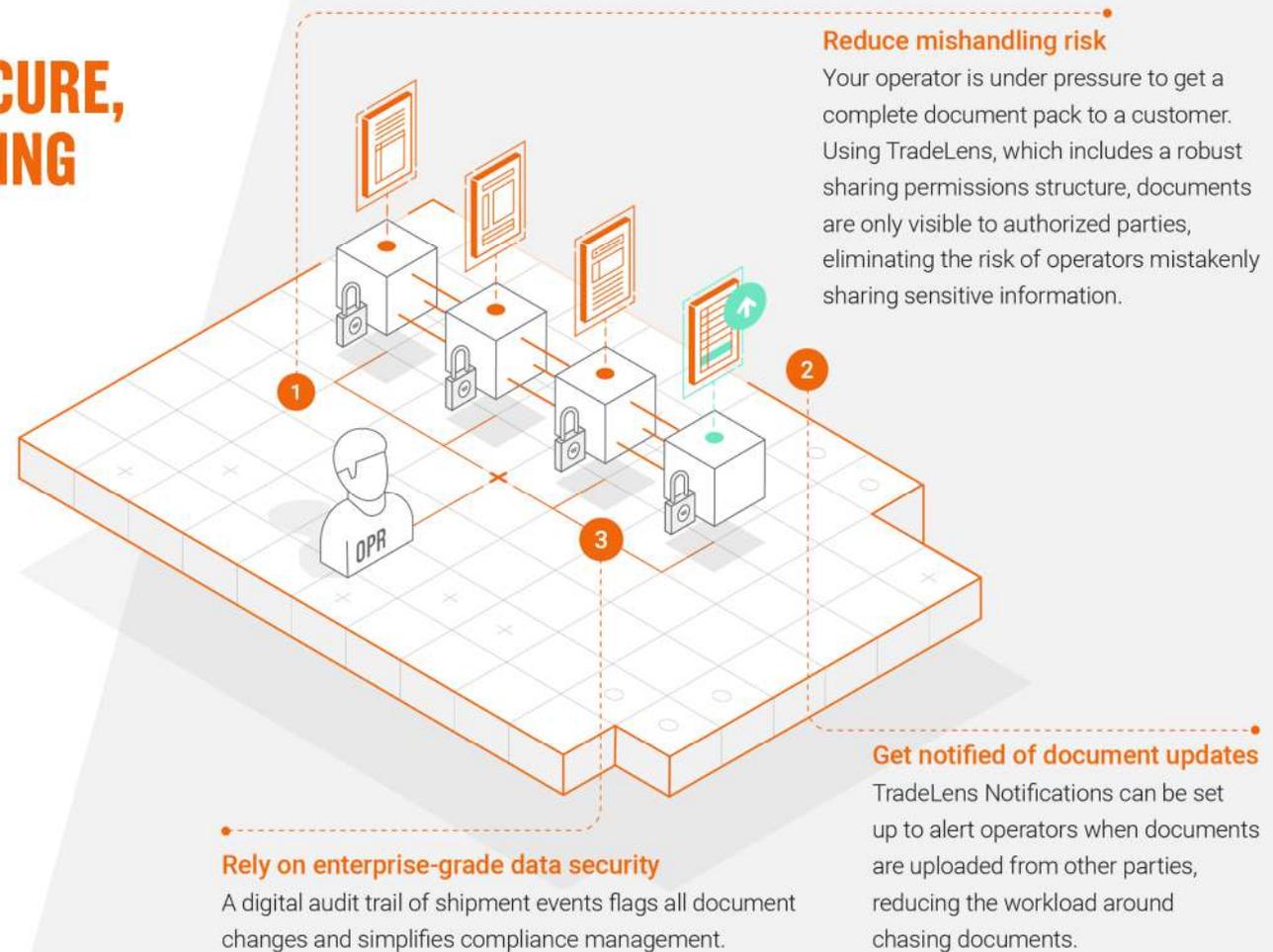
Using TradeLens, digitized documents are securely shared using an advanced data permissioning model that minimizes costly mistakes and improves workflow processes.

81%

of 3PLs say collaborating with other companies, even competitors, can achieve logistics cost and customer service improvements.

Material Handling and Logistics, 2019; The State of Logistics Outsourcing, 2019

[Download the full use case here](#)



TRADELENS USE CASE | API INTEGRATION

EASILY AND QUICKLY INTEGRATE WITH YOUR SUPPLY CHAIN PARTNERS

When you onboard a new service provider after completing a tender process designed to find transport savings, you need to get your data-sharing up and running quickly and cost-effectively.

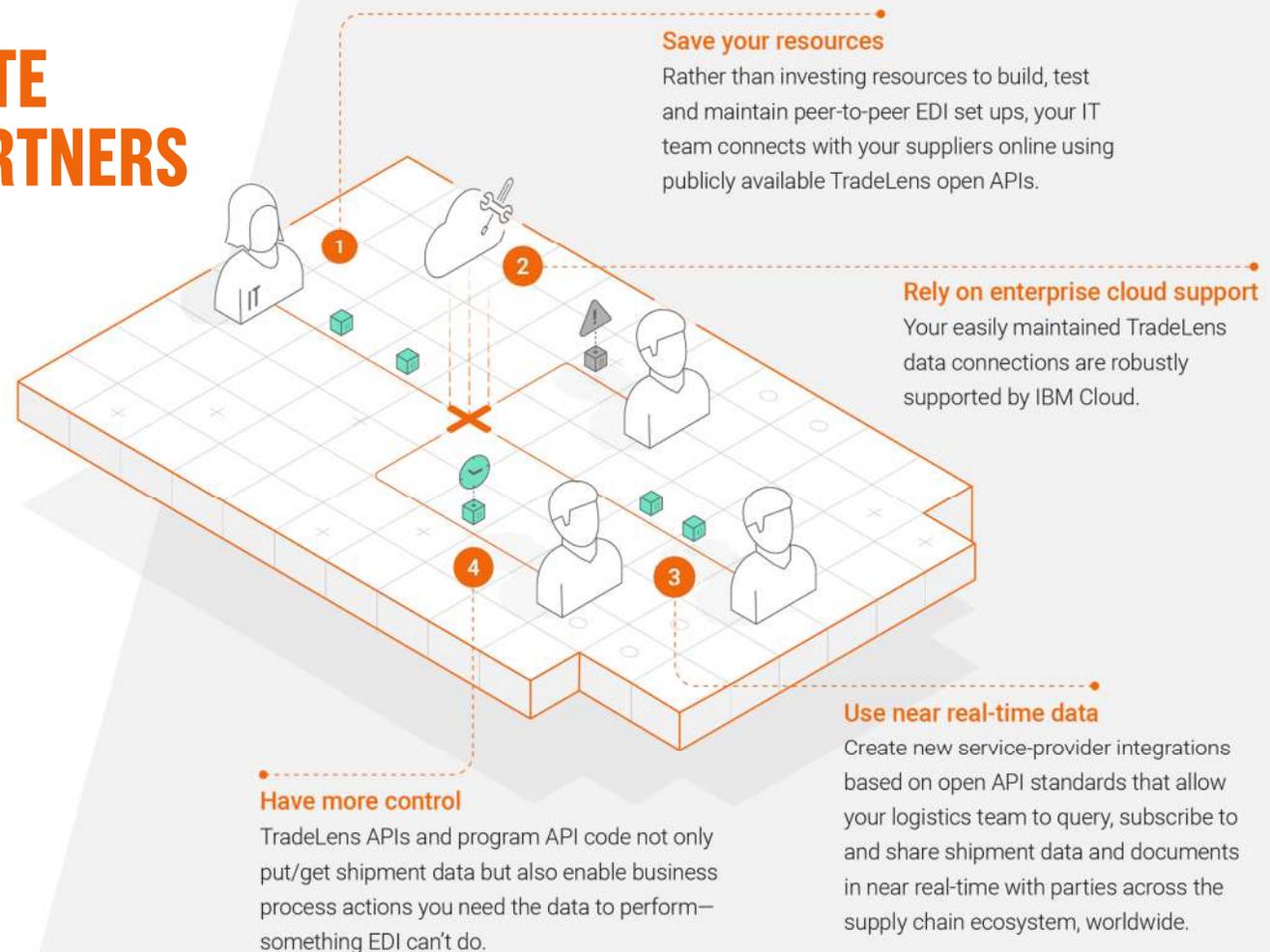
Today, setting up an EDI system is expensive, complex and time-consuming to integrate and maintain. And your return on investment drops as soon as new technologies promise quick solutions.

TradeLens is built from the ground up to leverage the power and flexibility of APIs that let your IT teams integrate workflows and collaborate with any supply-chain partner with relative ease and speed.

85% of the industry polled is still using EDI

Cerasis and Project 44, 2019

[Download the full use case here](#)



A TRADELENS CORE TIER TO MEET YOUR NEEDS

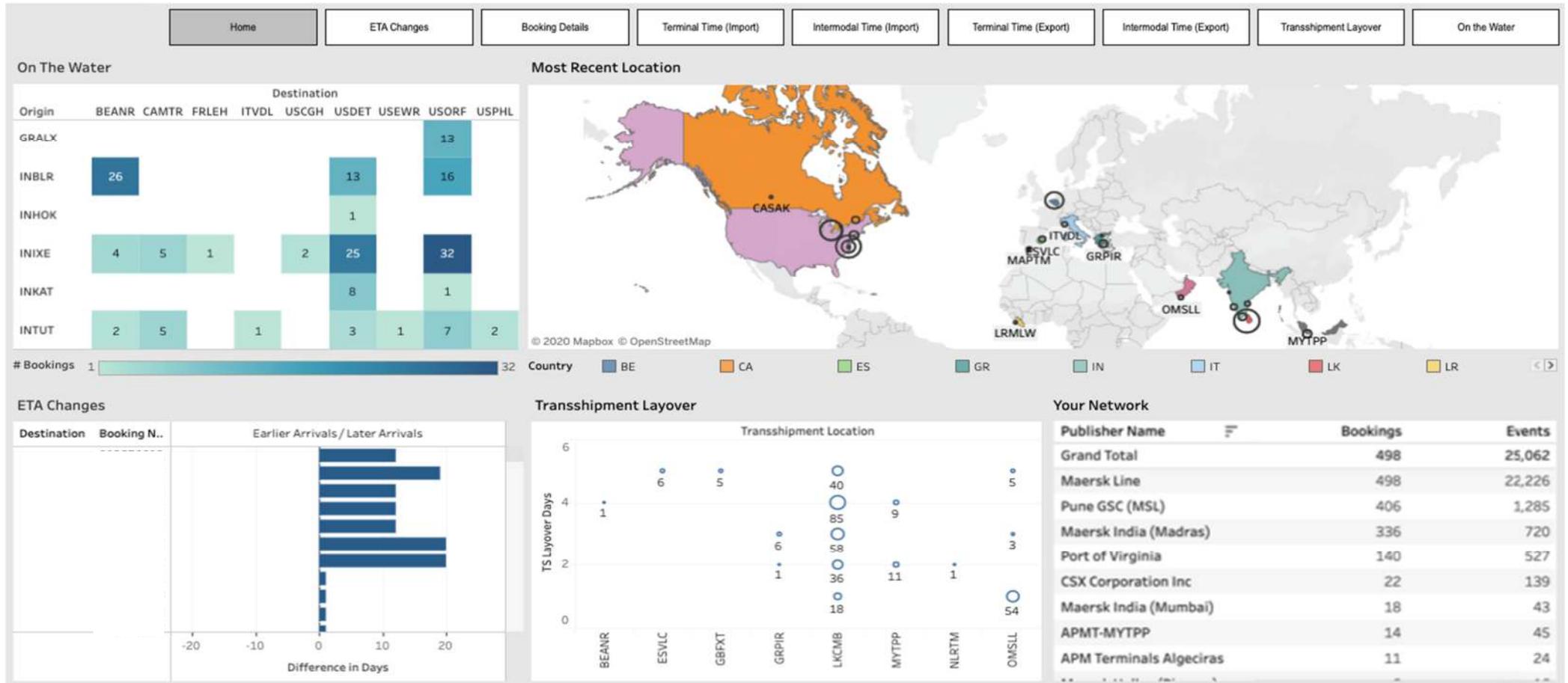
Three packages aligned to specific customer segment and needs

Features	ESSENTIAL	VISIBILITY	COLLABORATION
Shipment Manager	● *	●	●
Transport Insight	●	●	●
Continuous Data Improvement	●	●	●
Notifications		●	●
Dashboards		●	●
Document Sharing			●
SI-BL Automation **			●
Partner Access			●
List price	<i>Available on request</i>	<i>Available on request</i>	<i>Available on request</i>

* Shipment manager is available for account administration and user management purposes only.

** SI-BL Automation is in early release. Ocean carrier participate varies.

High Level view of in-transit shipments, latest location of containers, ETA changes at final destination, layover days at Transshipment location and overall TradeLens contributing network members.



TradeLens Links

+ <https://docs.tradelens.com/>

+ <https://s3.us.cloud-object-storage.appdomain.cloud/tradelens-web-assets/TradeLens-Ecosystem.pdf>

+ In case of questions, feel free to reach out:

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