



Introduction to a Blockchain based trade platform

2 July 2020

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What is TradeWaltz?

Cross-Industry consortium (established 2017) for paperless international trade

	Participating Companies (as of March 2020)
Banks	MUFG Bank, Ltd.
	Sumitomo Mitsui Banking Corporation
	Mizuho Bank, Ltd.
Insurance Companies	Tokio Marine & Nichido Fire Insurance Co., Ltd.
	Sompo Japan Nipponkoa Insurance Inc.
	Mitsui Sumitomo Insurance Company, Limited
Cargo Owners	SUMITOMO CORPORATION
	Mitsubishi Corporation
	Sojitz Corporation
	Toyota Tsusho Corporation
	Marubeni Corporation
	ITOCHU Corporation
	KANEMATSU CORPORATION
	MITSUI & CO., LTD.
Carriers / Logistics Companies	Kawasaki Kisen Kaisha, Ltd.
	NIPPON EXPRESS CO., LTD.
	Nippon Yusen Kabushiki Kaisha
	Ocean Network Express Pte. Ltd.
Secretariat	NTT DATA

Activities (2017)

- Identification and sharing of cross industrial business issues
- 55 features, 83 API builds
- Proof of concept with NTP Singapore

Activities (2018)

- Research on AI and semantic technology for L/C document check
- Proof of concept in Japan and Thailand
- Research on relevant laws (MLETR (*)) and submission of written request to government agencies

Activities (2019)

- Release of pilot version
- Trial deployment in Thailand involving 24 companies

Activities (2020)

- Exposure at World Economic Forum 2020 sideline event
- Preparation for full commercialization

(*) MLTER (The Model Law on Electronic Transferable Records) is approved as one of the model law for e-commerce by United Nations General Assembly.

Goals of TradeWaltz : Create an ideal digital trade platform

1 Cross Industry Platform

Players:



Exporter



Negotiation Bank



Issuing Bank



Importer



Insurance Company



Forwarder



Carrier



C/O provider

2 Wide coverage of documents

Structured documents **(NOT PDF)** on the platform



Letter of Credit



Invoice



Sea Way Bill



Packing list



Shipping Instruction



Export Permit



Certificate of Origin



Bill of Exchange



Insurance Policy

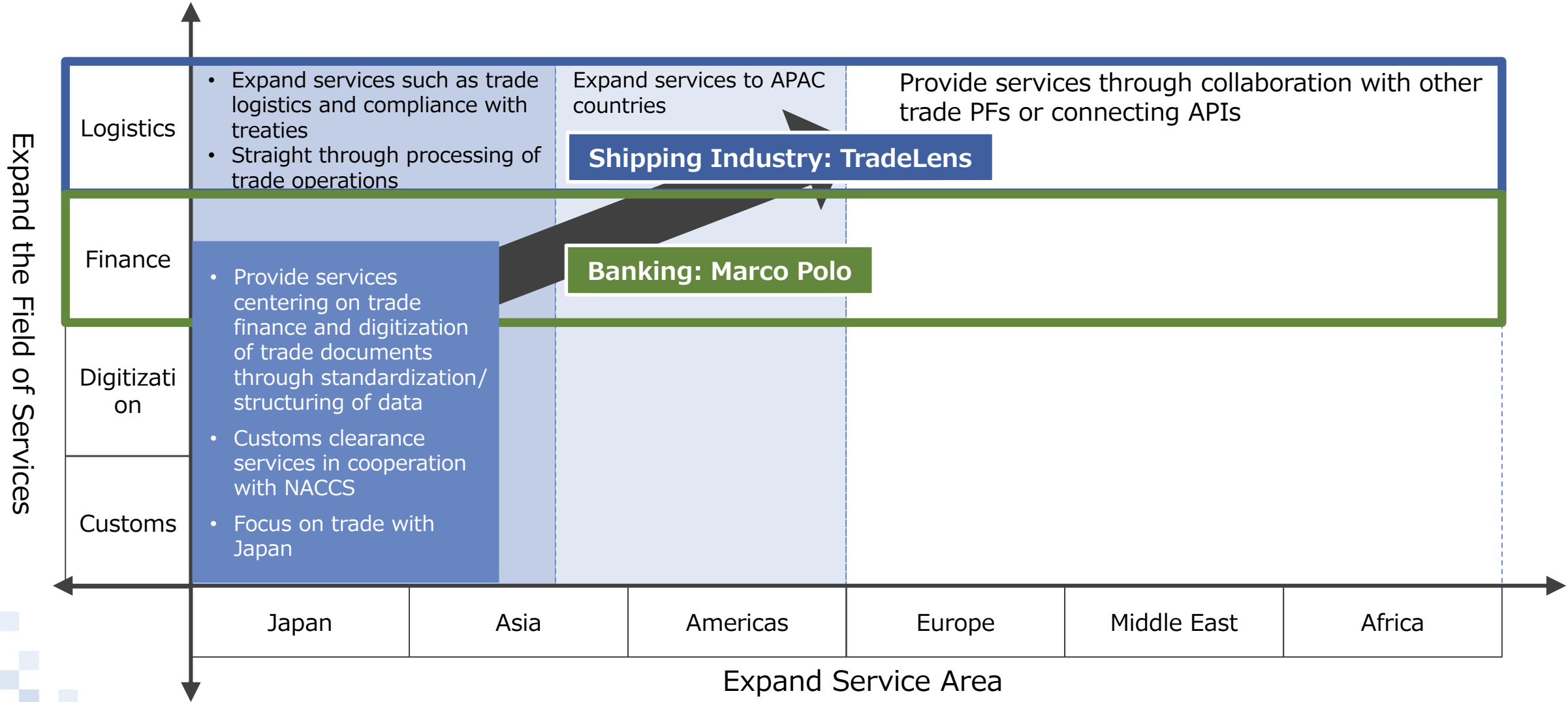
And attachment files (PDF etc.)

3 Creation of ecosystem

Utilize the accumulated data stored in the trade platform to create new business ecosystem.

Positioning of "TradeWaltz™"

- First, focus on trade with Japan to establish a one-stop system as soon as possible.
- Start services in Asia (APAC countries). Alliances with other PFs to expand services in other regions.



Benefits of Trade Digitalization

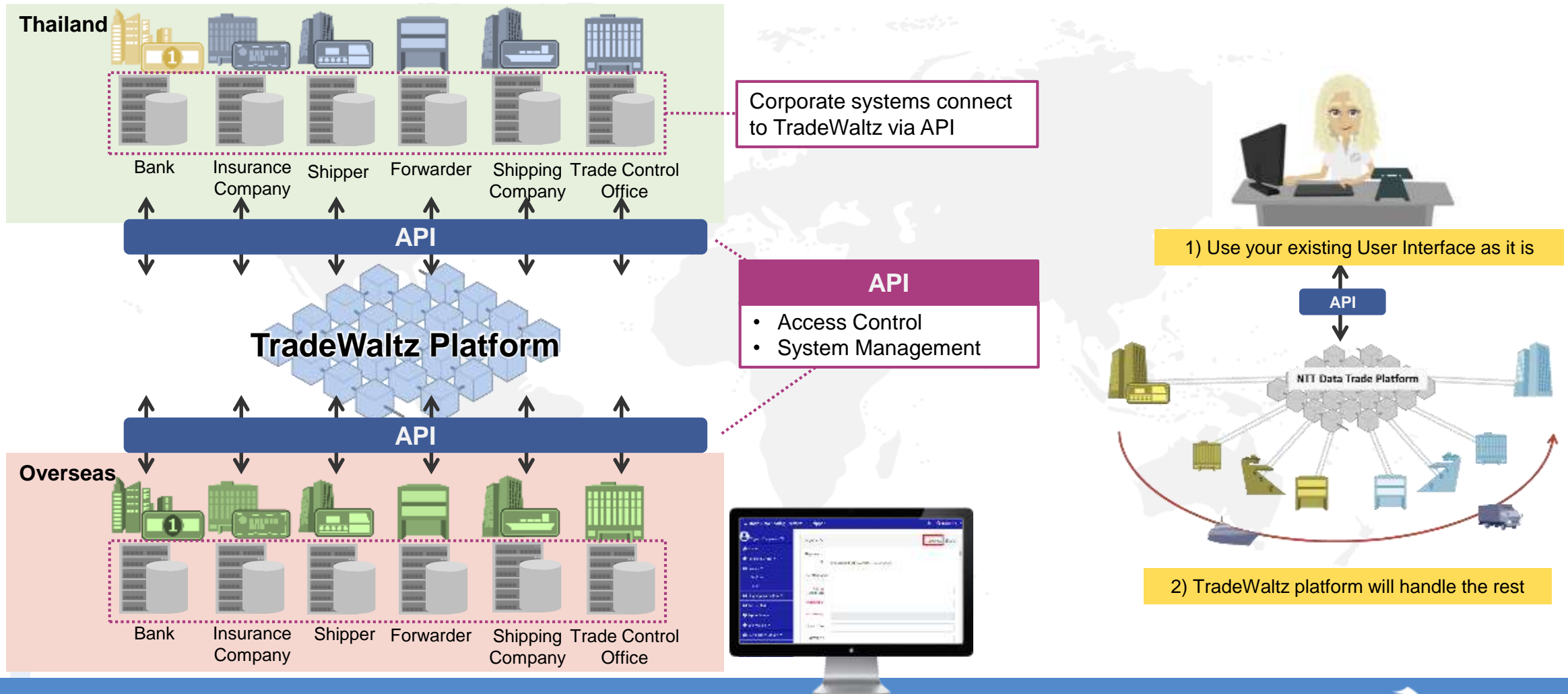
Based on the result of the cross-industrial POC in Japan, TradeWaltz confirmed that it contributes to the improvement of operational efficiency and cost reduction.

Industries	Procedures	Contribute to Cost Saving
Cargo owners	C/O application	60+% Time saving by creating documents with I/V data
	Apply for negotiation of documentary bill	60+% Time saving by confirming integrity of documents with check function
Banks	Negotiate documentary bill	60+% Time saving by confirming integrity of documents with check function
	Deliver documentary bill	30 to 60% Time saving by delivering documents to customers 30 to 60% Cost saving by managing original documents
Insurance Companies	Issue insurance policy	60+% Time saving by creating I/P with L/C data 60+% Cost saving by paperless policy delivery/management and collection cost saving when revising I/P
Carriers/ Logistic Companies	Issue SWB (B/L)	60+% Reduction of B/L operation by paperless SWB(B/L)

Involvement of Small and Medium-sized Enterprises (SMEs)

TradeWaltz enables API connectivity with the companies' existing system.

Small and medium-sized enterprises can also connect to TradeWaltz through the 3rd party vendor or direct access to web interface.

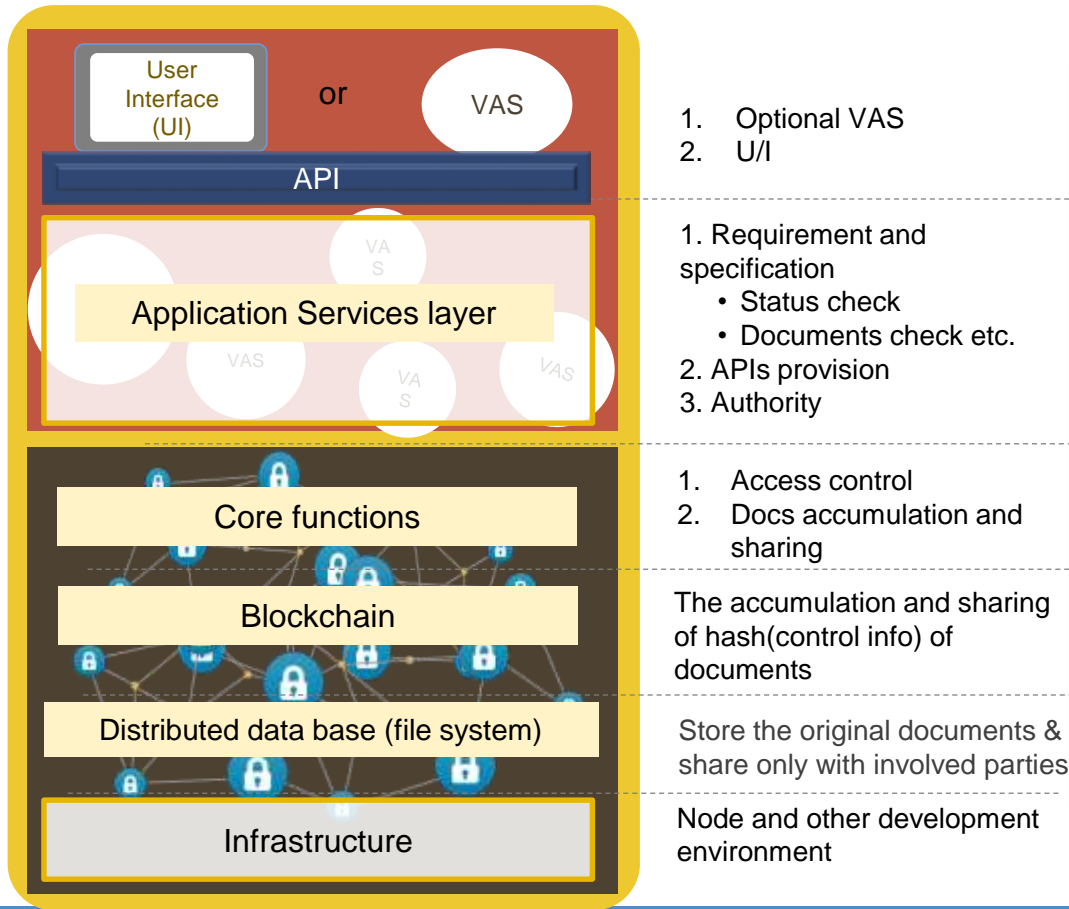


Independent operation for every participating country and ensure fairness in data governance

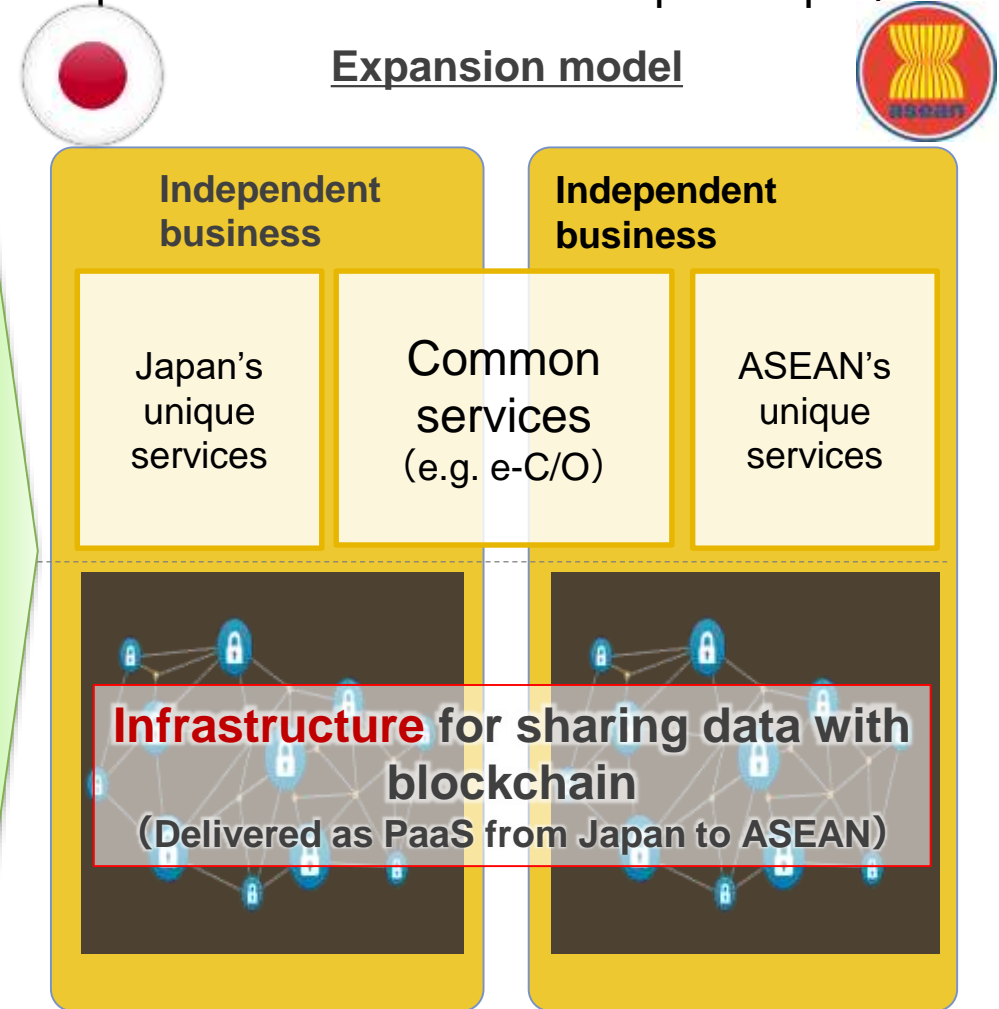
TradeWaltz realizes independent business development and operation which satisfies each country's market needs.

It also enables the fairness in data governance where the ownership of data is not limited to specific players.

TradeWaltz Structure

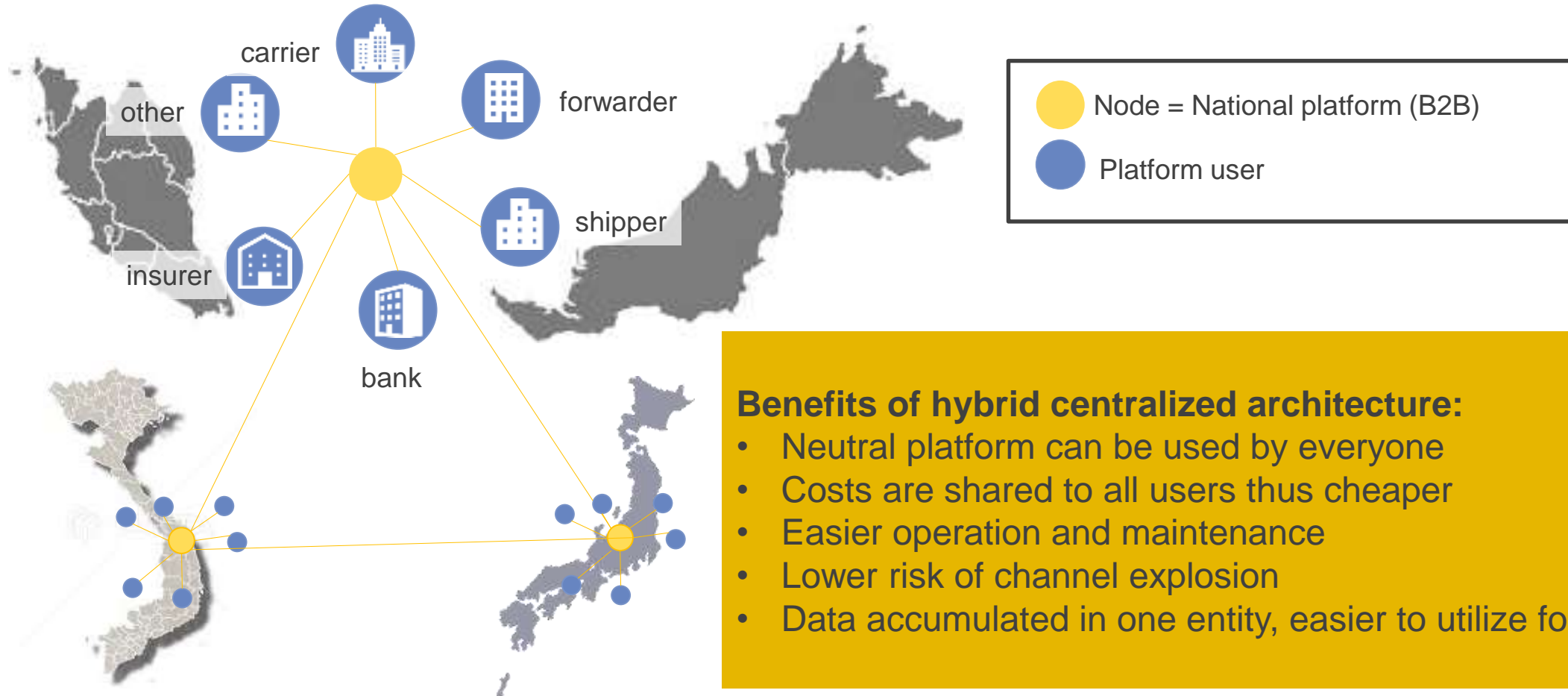


Expansion model



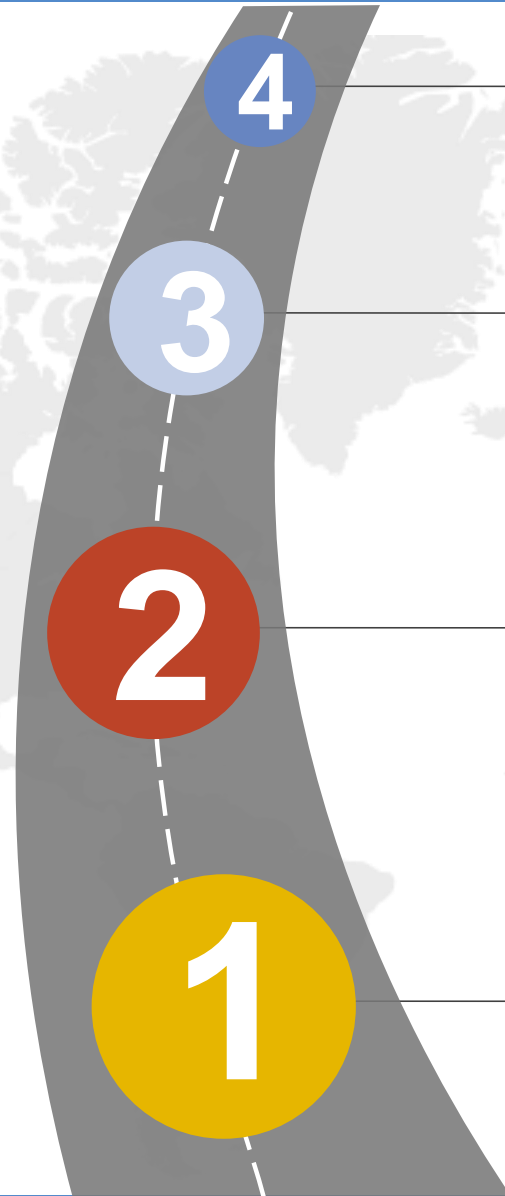
Architecture of Our Platform

One node per country architecture offers the benefits of centralized and decentralized system (blockchain) technology.



Our Roadmap

TradeWaltz will start commercial service in 2020 and gradually expanding its services



100% paperless trade

**Connect to overseas platform
2020~**

ASEAN RDTC, Thailand, Singapore, etc.

**Connect to Japanese Single
Window**

Start service - 2020

Expand users; consortium members, third party, MSME, others.

Expand services; introduce new features gradually



NTT DATA

Trusted Global Innovator

- TradeWaltz web site
<https://www.tradewaltz.com/en/>
- TradeWaltz introduction video
https://www.youtube.com/watch?v=y_-d9DBM0CQ