



**Asia-Pacific
Economic Cooperation**

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Session 2b

Single Windows Interoperability

Submitted by: Singapore



**Utilizing Digital Technology in the Field of
Trade Facilitation Under the Current
COVID-19 Pandemic and Beyond: Best-
Practices Sharing Workshop -
Interoperability and Data Security for
Single Windows
3 August 2021**

Single Window Interoperability

Ms Teo Angie
3 Aug 2021



**SINGAPORE
CUSTOMS**

We Protect Revenue, and Make Trade Easy, Fair and Secure

Today's Trade Processes are Fraught with Challenges

International trade typically involves up to:

25

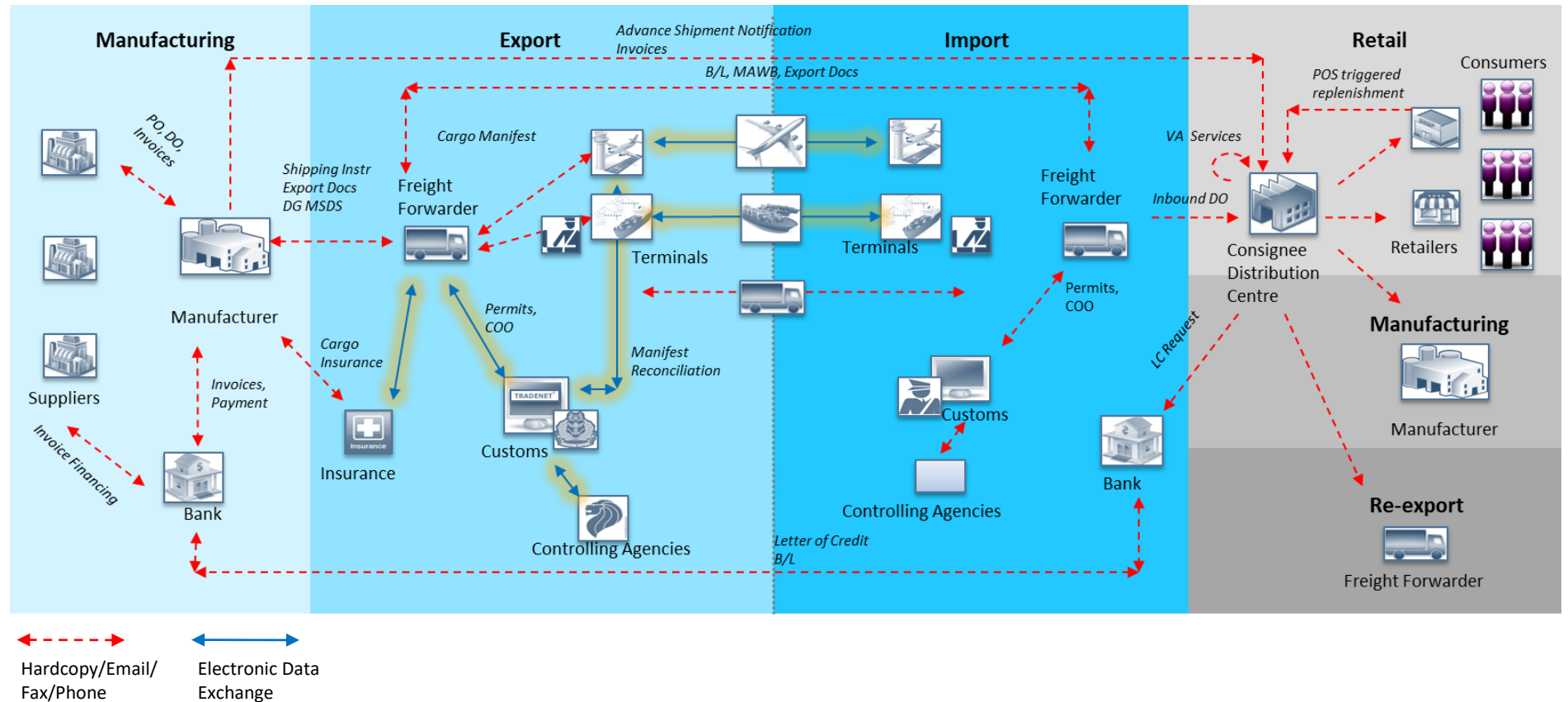
parties with at least

30-40

trade documents generated and

60-70%

of information manually re-entered at least once



On 26 September 2018, the Networked Trade Platform was officially launched by the Minister for Finance



The NTP is a **transformational platform**, which will take us from a traditional single window which gives traders a one-stop interface for all trade related regulatory transactions, to a **one-stop interface that will enable them to interact with all business partners, stakeholders and regulators on trade related transactions**. This will help companies raise productivity, boost competitiveness, and uncover new opportunities...

...Going forward, we must work towards greater connectivity, especially with our trading partners around the world. **Our vision is for this to be a truly global network**, to enable the efficient flow of goods and services, linked to a secure flow of financing, facilitated by a swift exchange of data, so that all parties, including regulatory and Customs authorities, can work together to facilitate trade.

EXCERPT FROM KEYNOTE SPEECH BY DEPUTY
PRIME MINISTER & THEN-MINISTER FOR
FINANCE, HENG SWEE KEAT

NTP's Key Focus Areas and Future Developments

#1: Enhance trade efficiency by going digital with document digitisation and data reuse



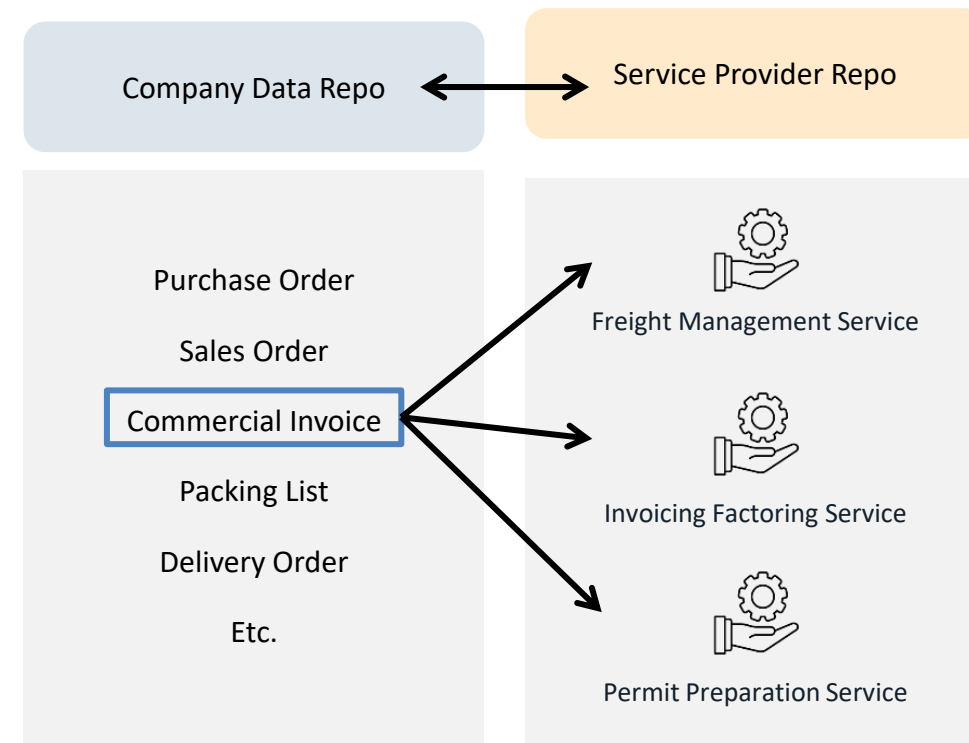
DIGITALISE

- **Store and manage** trade documents and data easily and securely
- **Save time on data re-entry** and **improve data accuracy** by reusing and sharing trade documents and data from source with business partners and for government applications
- **Collect digital data** across trade ecosystems for ease of analysis and planning

An example of how data can be reused on NTP

A commercial invoice and other data/documents can be shared with service providers to:

- 1 Fulfill Customers' orders faster and accurately by sharing order information with Freight Forwarders.
- 2 Improve cash flow by receiving advance payments through the invoice factoring service.
- 3 Re-use invoice information for new permit declarations, by leveraging a Permit Prep service.



Illustrative Diagram



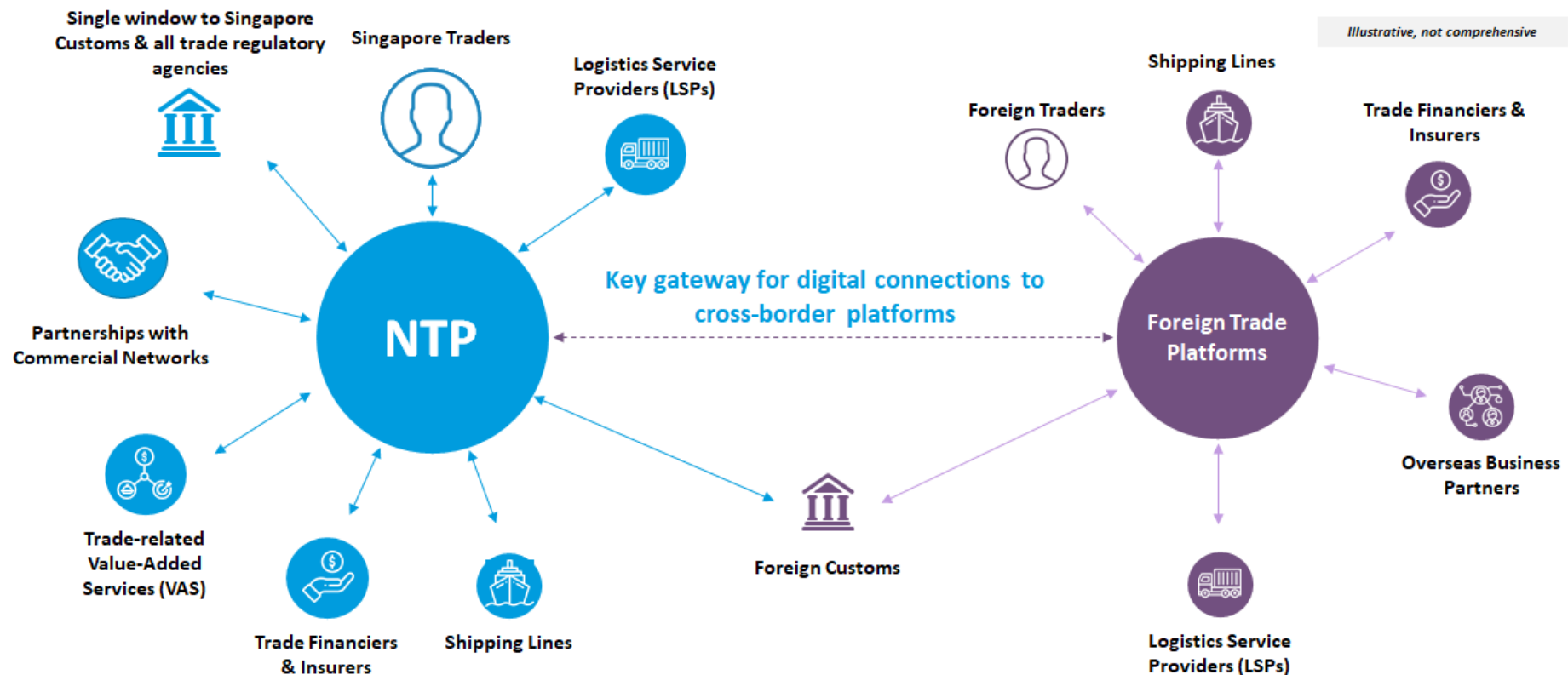
NTP's Key Focus Areas and Future Developments

#2: Be connected across the wider trade ecosystem seamlessly



CONNECT

- Minimise the cost and effort to connect with trade partners
- Connect and collaborate locally and overseas with new and existing partners
- Apply for trade-related e-services directly with Singapore Customs



Government to Government Cross-Border International Connectivity – Regulatory Trade Documents

Four trade documents/data prioritised based on volume exchanged, with each document having its own approach for establishing connectivity

Import / Export Declarations

Data mapping and referencing allows data from export declaration to be reused in the import declaration, reducing the need for repeated, manual data entry. This **improves processing efficiency** and **improves accuracy of trade declarations**

G-to-G Connectivity
Direct NTP-to-Single Window
(SW) Connection

E-Sanitary/Phyto-Sanitary Certificates (E-SPS)

Exchange of product certificates allows import control authorities to **reduce processing checks**, and **lowers the risk of fraudulent certificates and import control failure**

G-to-G Connectivity
Direct NTP-to-Single Window
(SW) Connection

- Competent authorities required to recognise each other's standards (MRA) and ensuring Certificates from SWs are interoperable

E-Preferential Certificate of Origin (eCO)

Exchange of approved COs will **improve security**, enable **faster verification and matching of preferential CO information** when according preferential tariff treatment

G-to-G Connectivity
Direct NTP-to-Single Window
(SW) Connection

- Competent authority required to certify requirements are met.

E-Certificate of Non- Manipulation (eCNM)

Exchange of approved CNMs will **improve security**, enable **faster facilitation and verification** when goods are transhipped through Singapore from FTA-partners

G-to-G Connectivity
Direct NTP-to-Single Window
(SW) Connection

- Competent authority required to certify requirements are met.



Snapshot of Government to Government Connectivity

| | |
|--------------------------------|---|
| ASEAN Members | <ul style="list-style-type: none"> • Live exchange of ATIGA Form D via the ASEAN Single Window since Dec 2019 • Live exchange of Customs Declaration Document (ACDD) via ASEAN Single Window (ASW) gateway for ready ASEAN Member States since Dec 2020 • Live Operation of ASEAN Customs Transit System (ACTS) since Nov 2020 |
| Australia | Exploring import/export permit data and e-SPS certs under SG-AU DEA |
| Chile & New Zealand | <ul style="list-style-type: none"> • Exploring potentials of exchanging export declaration data under DEPA |
| China | <ul style="list-style-type: none"> • Implementation of the Electronic Origin Data Exchange System (EODES) on 1 Nov 2019 – allows for digital transmission of Certificate of Origin (PCO) and Certificate of Non-Manipulation (CNM). • Working on two-way exchange of export declaration data |
| Indonesia | Working on two-way exchange of export declaration data |
| The Netherlands | Working on two-way exchange of export declaration data |
| United States | Signed Letter of Intent in Nov 20 to explore Single Window Connectivity |



Conclusion: The Evolution of Customs' Role

- Customs' role shifted fundamentally from traditional revenue protector to a global trade facilitator, that is interconnected with the rest of the world.
- Customs has to adapt to evolving industry needs, given the trend of digitalisation and automation in the supply chain ecosystem
- This is accelerated by the COVID-19 crisis, where the global community has seen an unprecedented take-up of electronic measures



THANK YOU



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