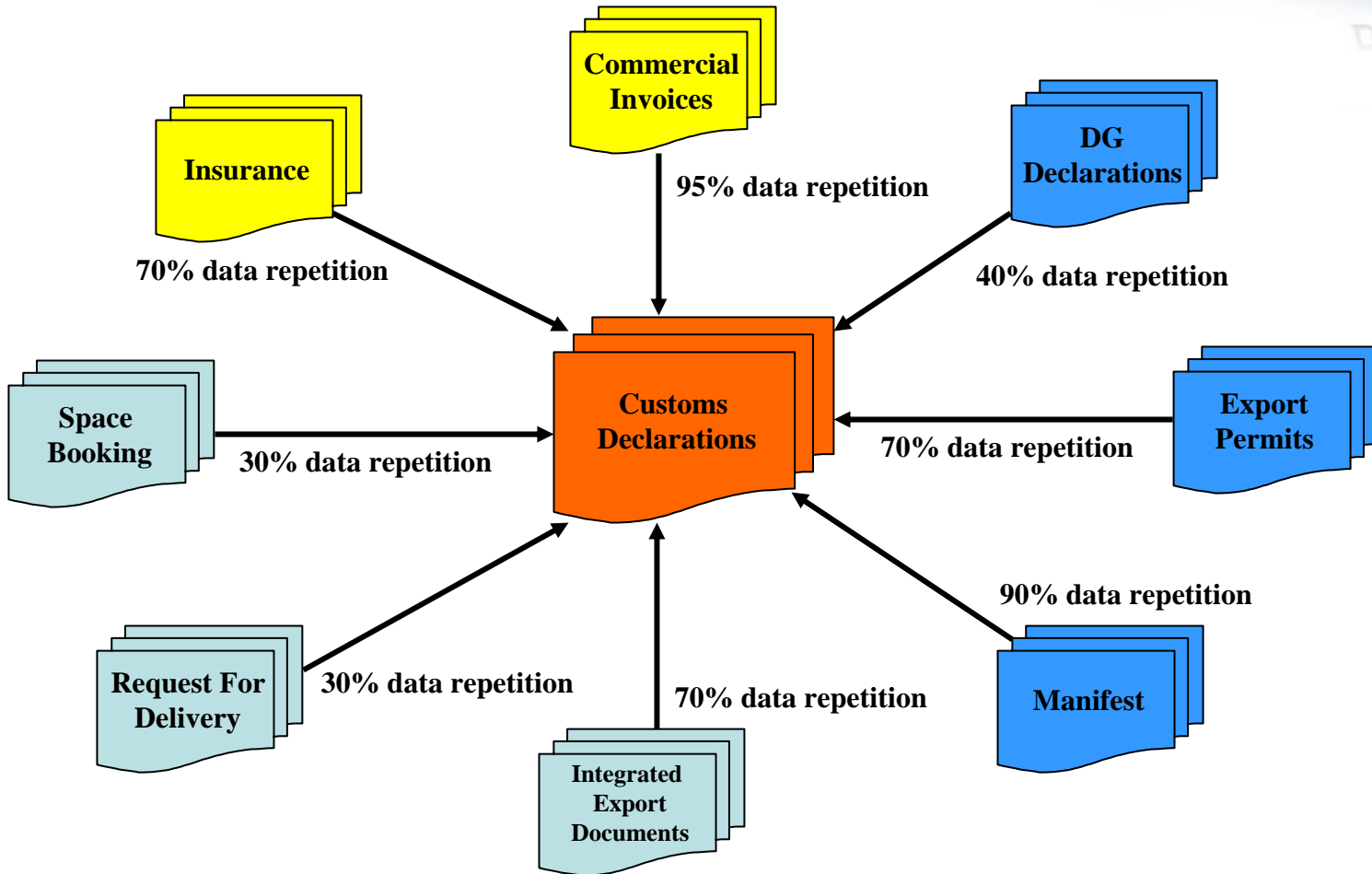


Cross-Border Declaration Exchange Project



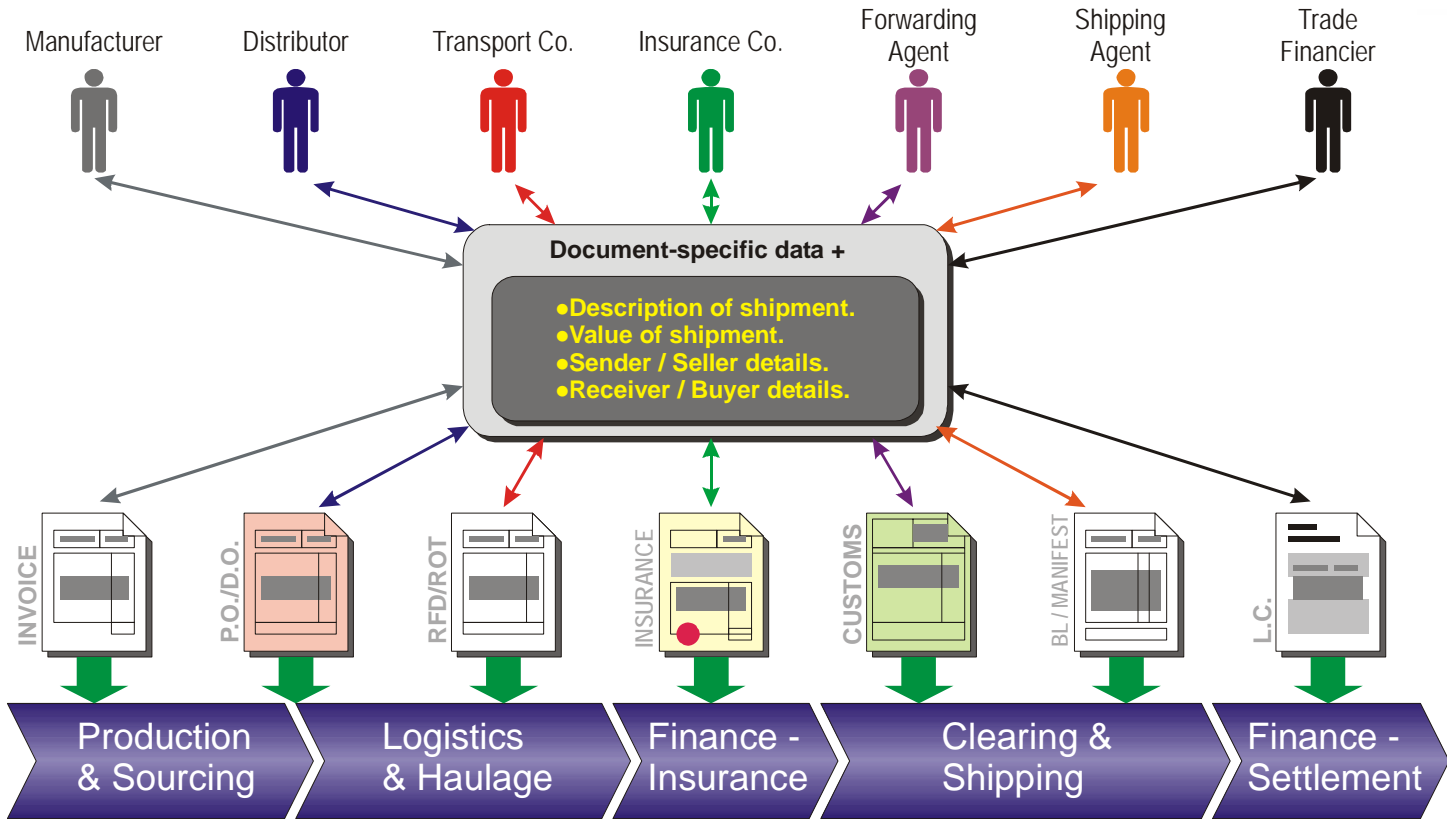
Between TNL, UK and Dagang Net, Malaysia



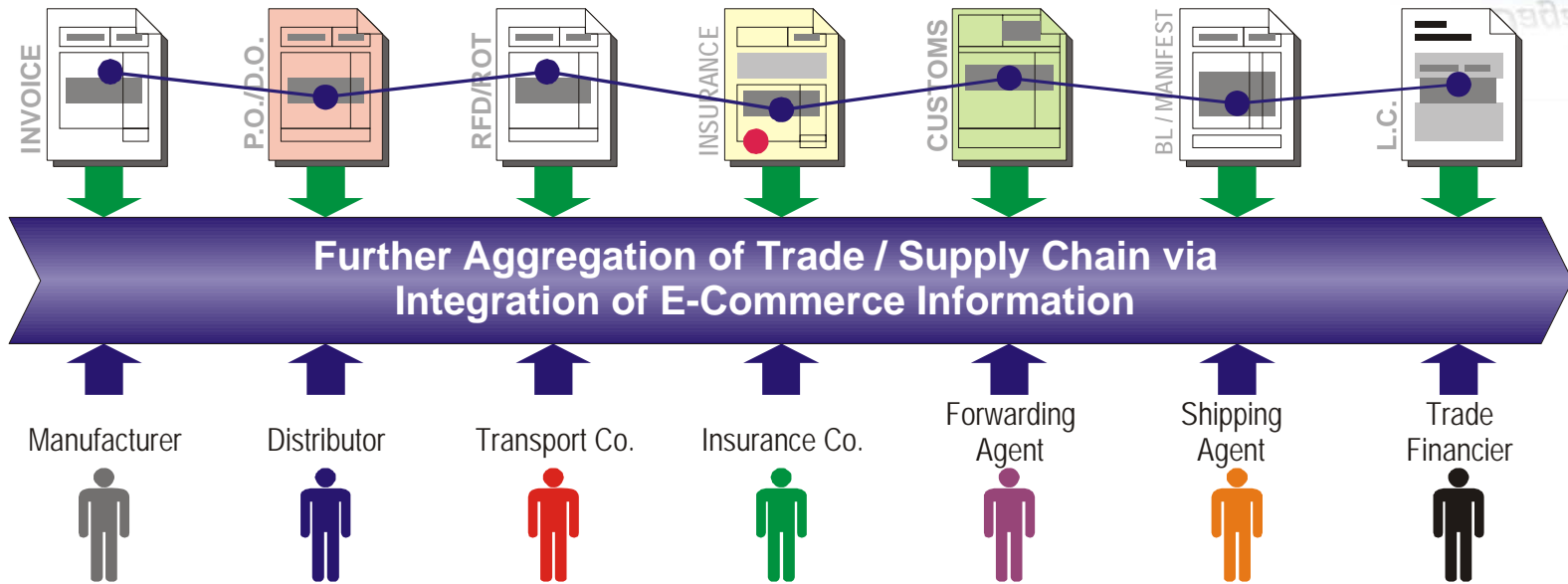


Common Data ⇔ Many Entities

Various / Different Controlling Govt. Agencies



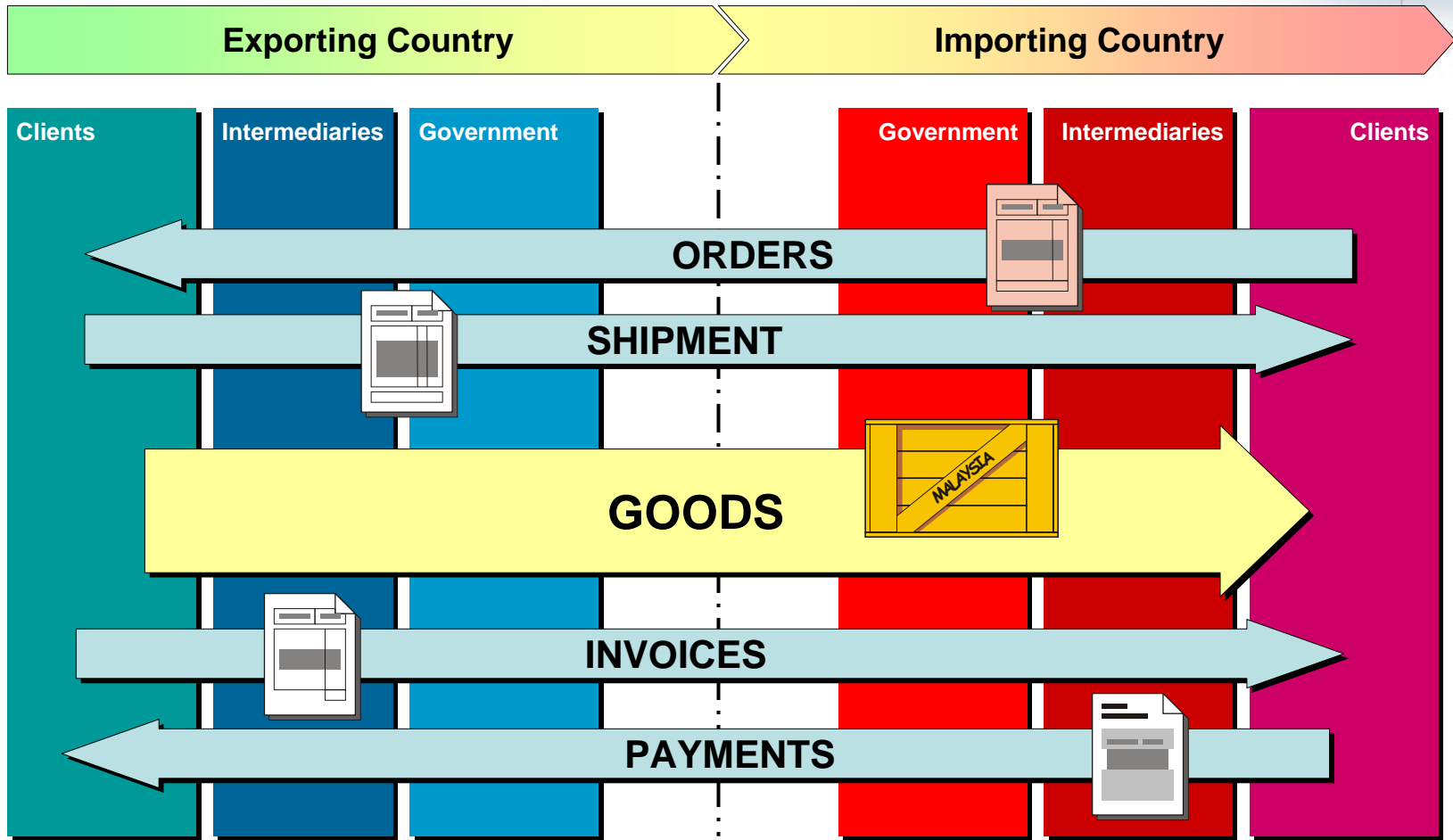
Service Provider's Role in Trade / Supply Chain Aggregation



Further Aggregation of Trade / Supply Chain via Integration of E-Commerce Information

- Extended Data Re-use
- Accuracy
- Efficiency
- Speed
- Single point-of-reference
- Cost Savings

Overview of Cross-Border Trade Flow



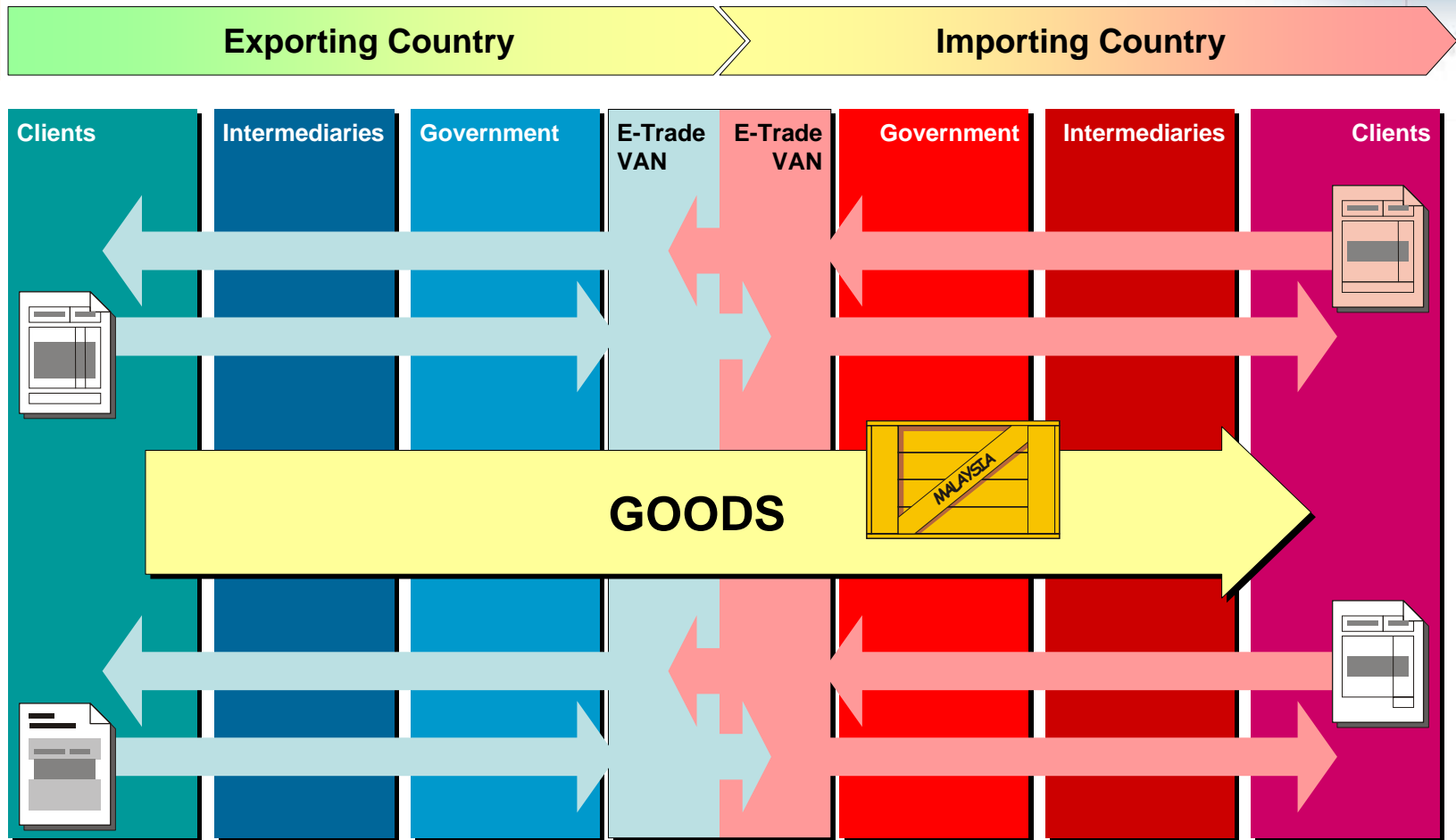
Cross-Border Information Collaboration

TNL

LMF



– *Aggregating the Chain Across Borders*





E-enabling business beyond borders



- Key benefits include data re-usability – such as data population & uploading. Your business partner's export declaration auto populate becomes your import declaration, and vice versa
- Increased efficiency & productivity – by eliminating re-keying in, data entry errors and turnaround time for transactions are significantly reduced.
- Countries in progress for export declaration exchange:
 - [CrimsonLogic, Singapore](#)
 - [Trade-Van, Taiwan](#)
 - [TNL, UK](#)

Phase 1: Export Malaysia, Import UK



Malaysia
FA

1. Export
Declaration



4. Pre-
Declaration
Message



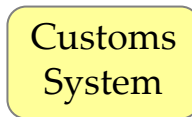
5. Email Notification



UK
Importer

6. Login to system to re-
classify goods to submit
Import Declarations

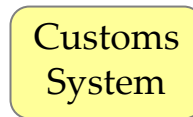
2. Export
Declaration



Customs
Malaysia

3. Customs
Response

6. Import
Declaration

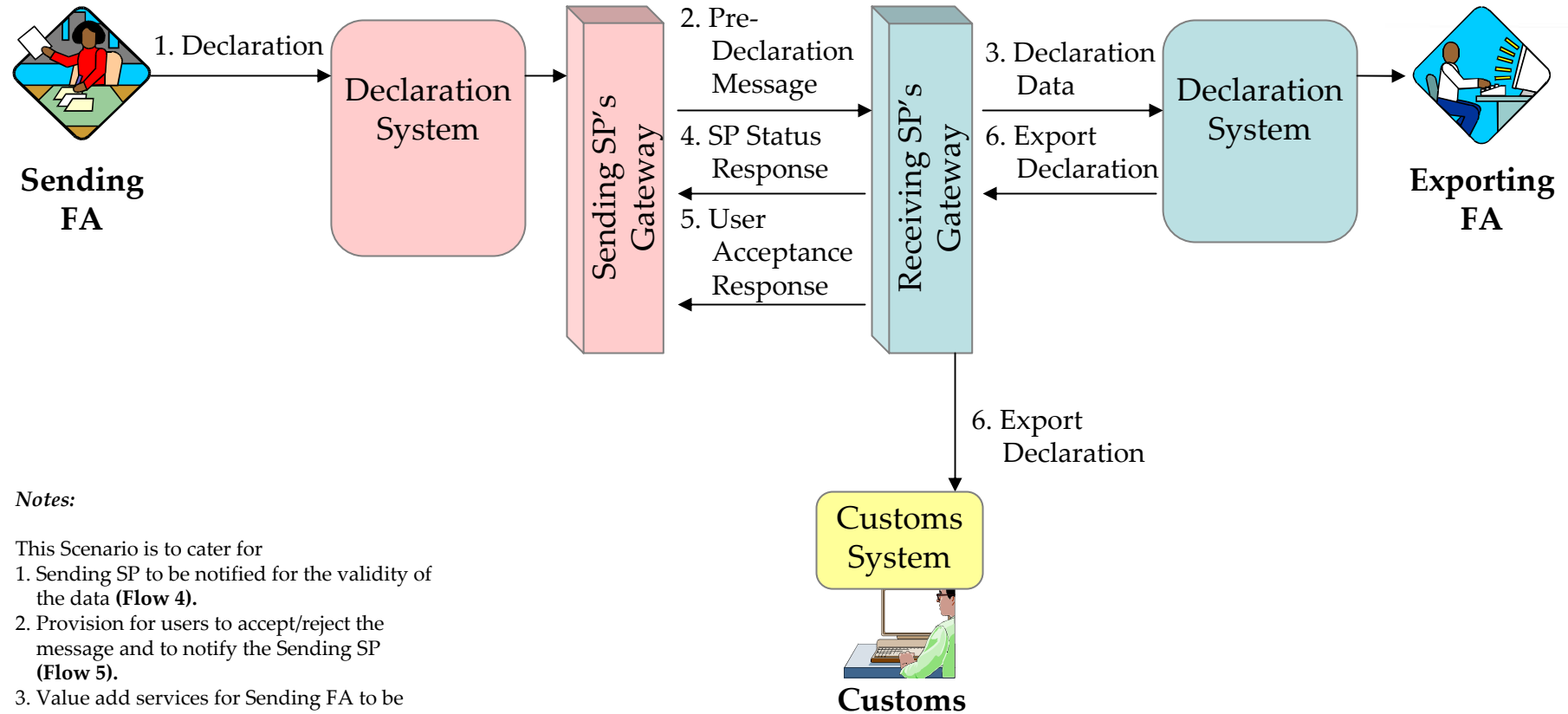


Customs
UK

Notes:

1. Malaysia FA creates export declaration using eDeclare.
2. Submit export declaration to Malaysia Customs.
3. Malaysia Customs send Response.
4. DN generates Pre-Declaration to TNL.
5. TNL's Mercor System populates declaration data into database and send notification to the UK importer.
6. UK importer completes the import declaration for submission to UK Customs.

Phase 2: Exchange of Status Response

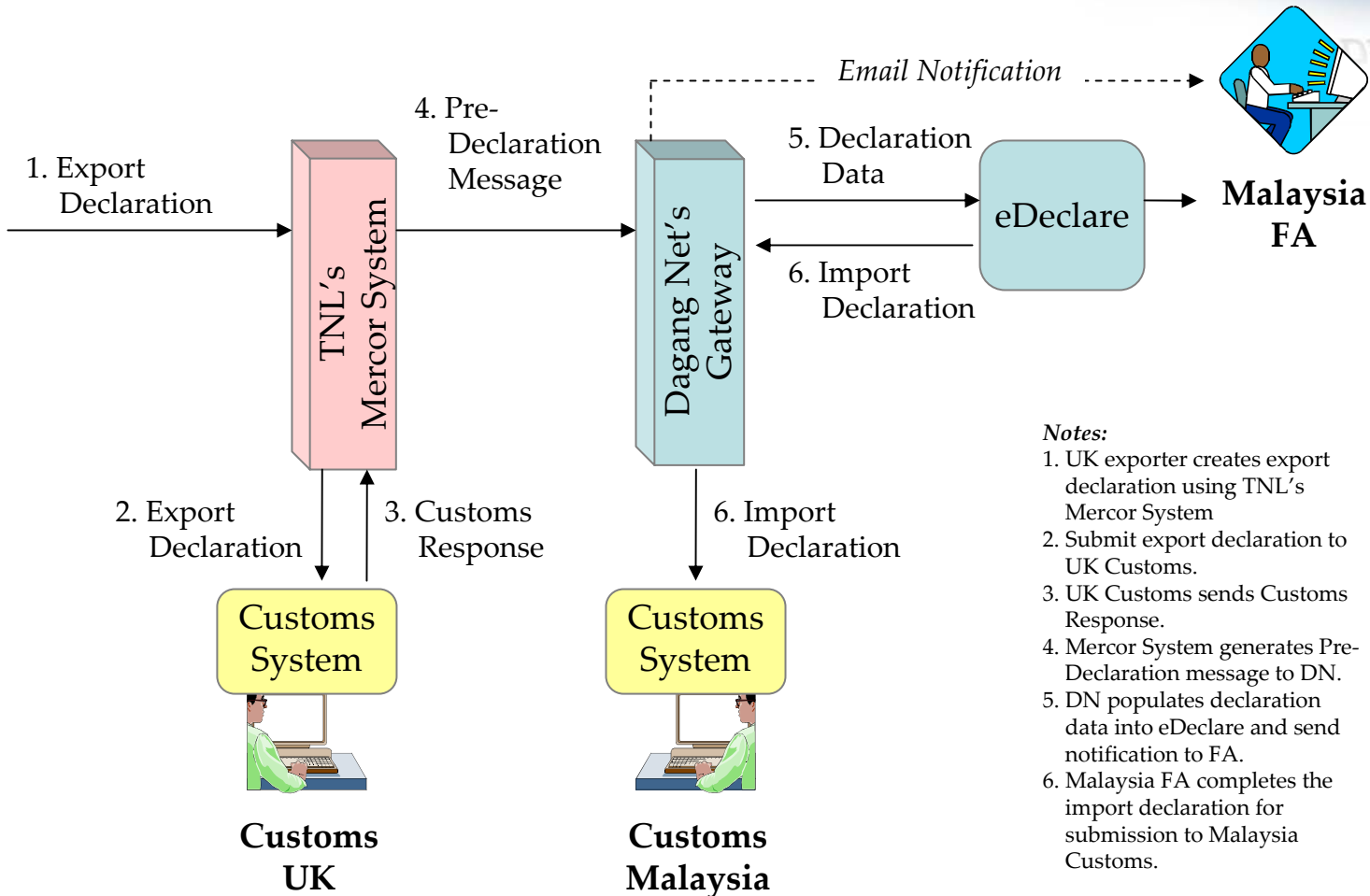


Notes:

- This Scenario is to cater for
- 1. Sending SP to be notified for the validity of the data **(Flow 4)**.
- 2. Provision for users to accept/reject the message and to notify the Sending SP **(Flow 5)**.
- 3. Value add services for Sending FA to be notified about the Customs status of the receiving country **(Flow 9)**.



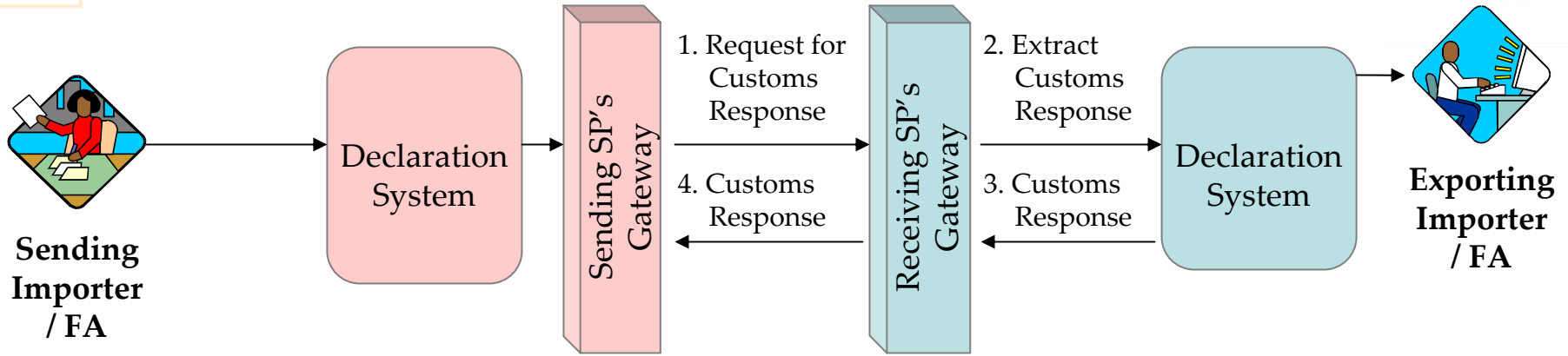
**UK
Exporter**



Notes:

1. UK exporter creates export declaration using TNL's Mercor System
2. Submit export declaration to UK Customs.
3. UK Customs sends Customs Response.
4. Mercor System generates Pre-Declaration message to DN.
5. DN populates declaration data into eDeclare and send notification to FA.
6. Malaysia FA completes the import declaration for submission to Malaysia Customs.

Phase 4: Request for Customs Response



Notes:

- This Scenario is to cater for
- 1. Sending SP to request for Customs Response as and when required.
- 2. Value-add service to Sending FA.

Phase 5: Trade Document Exchange

Exporting
FA



Export Declaration

Declaration System

5. Booking / Shipping Note (FCL) or Integrated Export Doc (LCL)

Document Exchange Service

1. Invoice
2. Packing List
3. Forwarding Instruction
4. COO

Exporting Country Gateway

Pre-Declaration Message

Importing Country Gateway

Declaration Data

Declaration System

Importing
FA



Document Exchange Service

Supporting documents 1,2,3,4,5

Messages for supporting documents 1,2,3,4,5



Exporter



Importer

Notes:

1. The sequential number denotes the priority of the implementation.
2. Exporting FA and exporter to submit electronic Invoice, Packing List, Forwarding Instruction, COO and Booking/Shipping Note (or Integrated Export Doc) to their Service Provider's Document Exchange Service.
3. Exporting SP to route these documents to import SP.
4. Exporter to receive these documents from Exporting country SP's Document Exchange Service.

Work done for TNL-DN Project

- Definition of national data requirement for Customs Declarations and mapped to WCO Data Set 2
- Mapped of Malaysia Export Declaration to UNeDocs Workbase Version 2.0 (“New Delhi Version”)
- Mapped Mercor Response message to UNeDocs Workbase Version 2.0 (“New Delhi Version”)
- Migration to “Stockholm Version” in progress
- Phase 1 System development in progress

Snapshot of the mapping document

| XML Tag | TDED | WCO | Size | Box | Name / Value | Occurs |
|---------------------------------------|------|-----|--------|-----|--|--------|
| userrsm:HeaderDocument | | | | | | 0..1 |
| userram:IdentificationID | 1004 | 002 | an..35 | 11 | Registration Number | 0..1 |
| userram:IssueDateTime | 2007 | 022 | an..19 | 10 | Date and Time of Receipt | 0..1 |
| userram:FirstSignatoryAuthentication | | | | | | 0..1 |
| userram:StatementCode | 4427 | | an..17 | 13 | Proper Officer of Customs – Signature/Code | 0..1 |
| userram:ActualDateTime | 2001 | | an..19 | 13 | Box 13: Date | 0..1 |
| userram:SecondSignatoryAuthentication | | | | | | 0..1 |
| userram:StatementCode | 4427 | | an..17 | 50 | Signature/Code | 0..1 |
| userram:ActualDateTime | 2001 | | an..19 | 50 | Date | 0..1 |
| userram:SignatoryParty | | | | | | 0..1 |
| userram:DefinedContact | | | | | | 0..1 |
| userram:IdentificationID | 1194 | | an..35 | 48 | Passport No. | 0..1 |
| userram:JobTitle | 3480 | | an..17 | 49 | Status | 0..1 |
| userram:PersonName | 3412 | 246 | an..35 | 47 | Name | 0..1 |
| userram:ThirdSignatoryAuthentication | | | | | | 0..1 |
| userram:StatementCode | 4427 | | an..17 | 51 | Date | 0..1 |
| userram:ActualDateTime | 2001 | | an..19 | 51 | Proper Officer of Customs | 0..1 |
| userram:SenderParty | | | | | | 0..1 |
| userram:IdentificationID | 3039 | | an..17 | | Dagang Net Trader ID | 0..1 |

Challenges

- To find value proposition for sender
- Readiness of both service providers
- Business process re-engineering
- User acceptance and justification of the eventual benefits at the initial stage of implementation

Experiences

- Requirement for B2G exchange is more predictable
- Provide value added services



About TNL



- Internet software development business
- Content management
- E-learning
- Member of SITPRO Advisory Council
- Development & maintenance of UNeDocsUK
- Knowledge in International trade
- Participate in ASEAL (The Asia Europe E-commerce Alliance)



Thank you !

The logo consists of the letters 'TNL' in a bold, blue, sans-serif font, enclosed within a thin orange rectangular border.The logo consists of the letters 'IMG' in a blue, sans-serif font, enclosed within a thin orange rectangular border.

Presented by:

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