

Summary Discussion

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**STDF Seminar on Electronic
Sanitary and Phytosanitary Certification
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eCERTS & PAPERLESS TRADE FACILITATION

E-CERTS - GLOBAL EFFORTS AND INITIATIVES

E-Certs in Trade Finance

- eL/C (ICC UCP 500/600)
- eB/L (Bolero, essDoc)
- e-Negotiation (Korea)
- e-Invoice (Japan)
- e-COO (Non-Pref) (ICC)
- Model Law on E-Commerce (UNCITRAL)

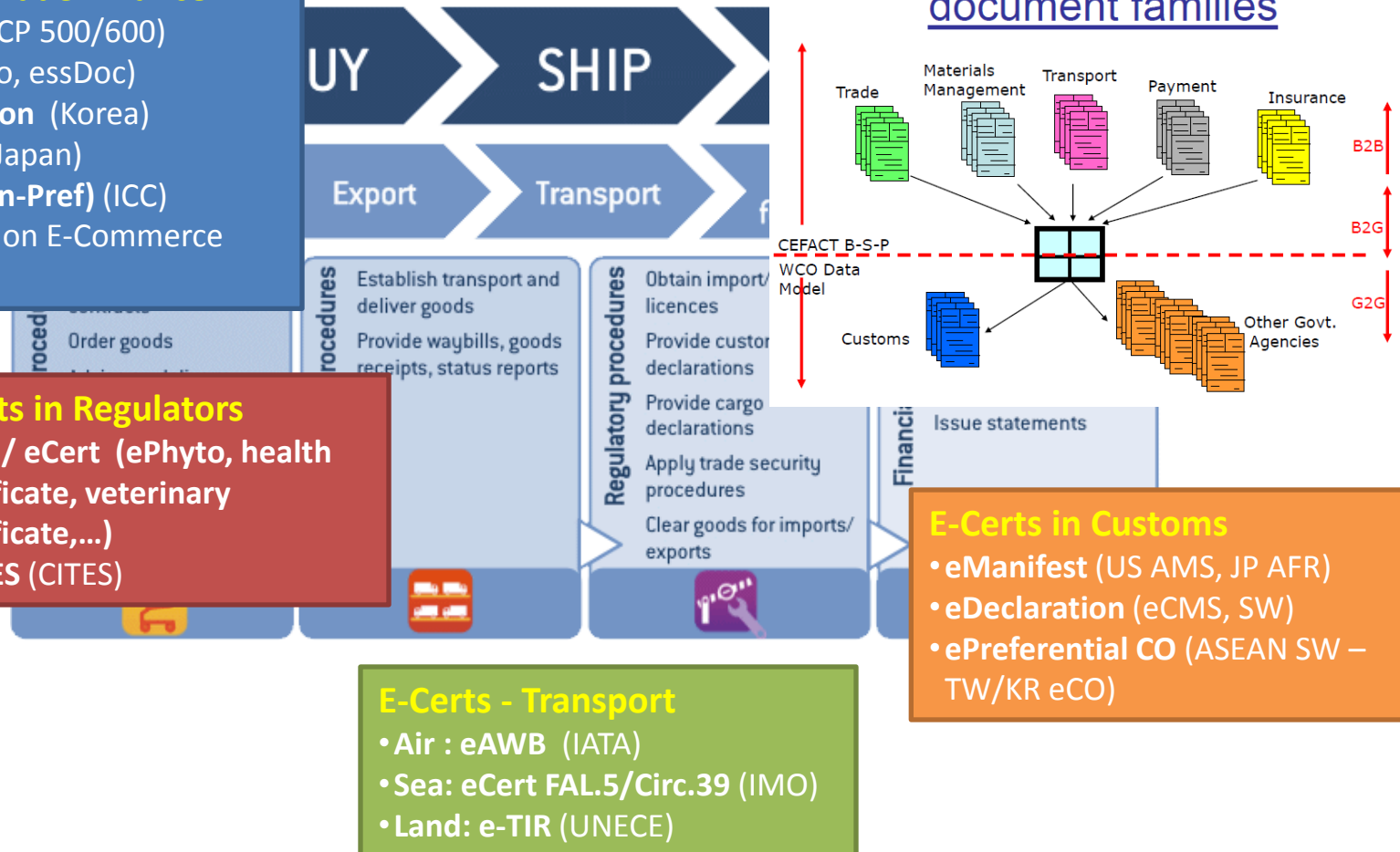
E-Certs in Regulators

- eSPS / eCert (ePhyto, health certificate, veterinary certificate,...)
- eCITES (CITES)

E-Certs - Transport

- Air : eAWB (IATA)
- Sea: eCert FAL.5/Circ.39 (IMO)
- Land: e-TIR (UNECE)

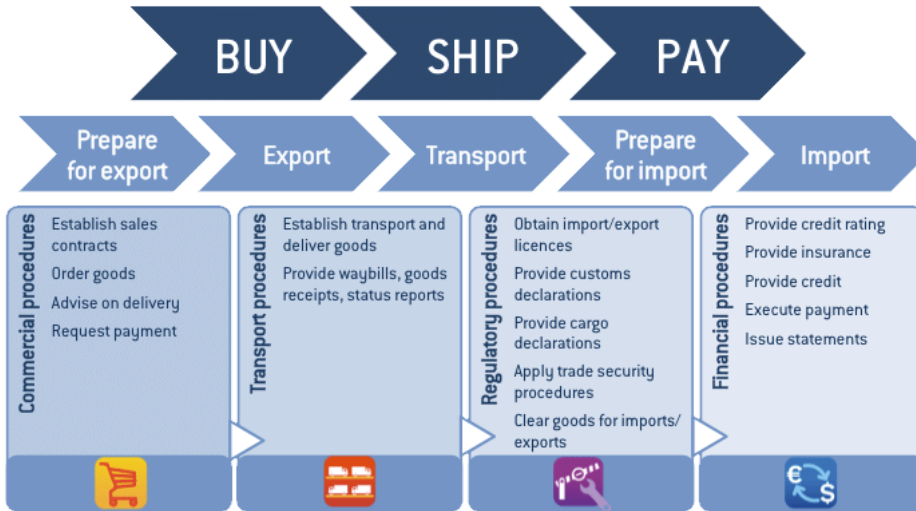
Single Windows document families



E-Certs in Customs

- eManifest (US AMS, JP AFR)
- eDeclaration (eCMS, SW)
- ePreferential CO (ASEAN SW – TW/KR eCO)

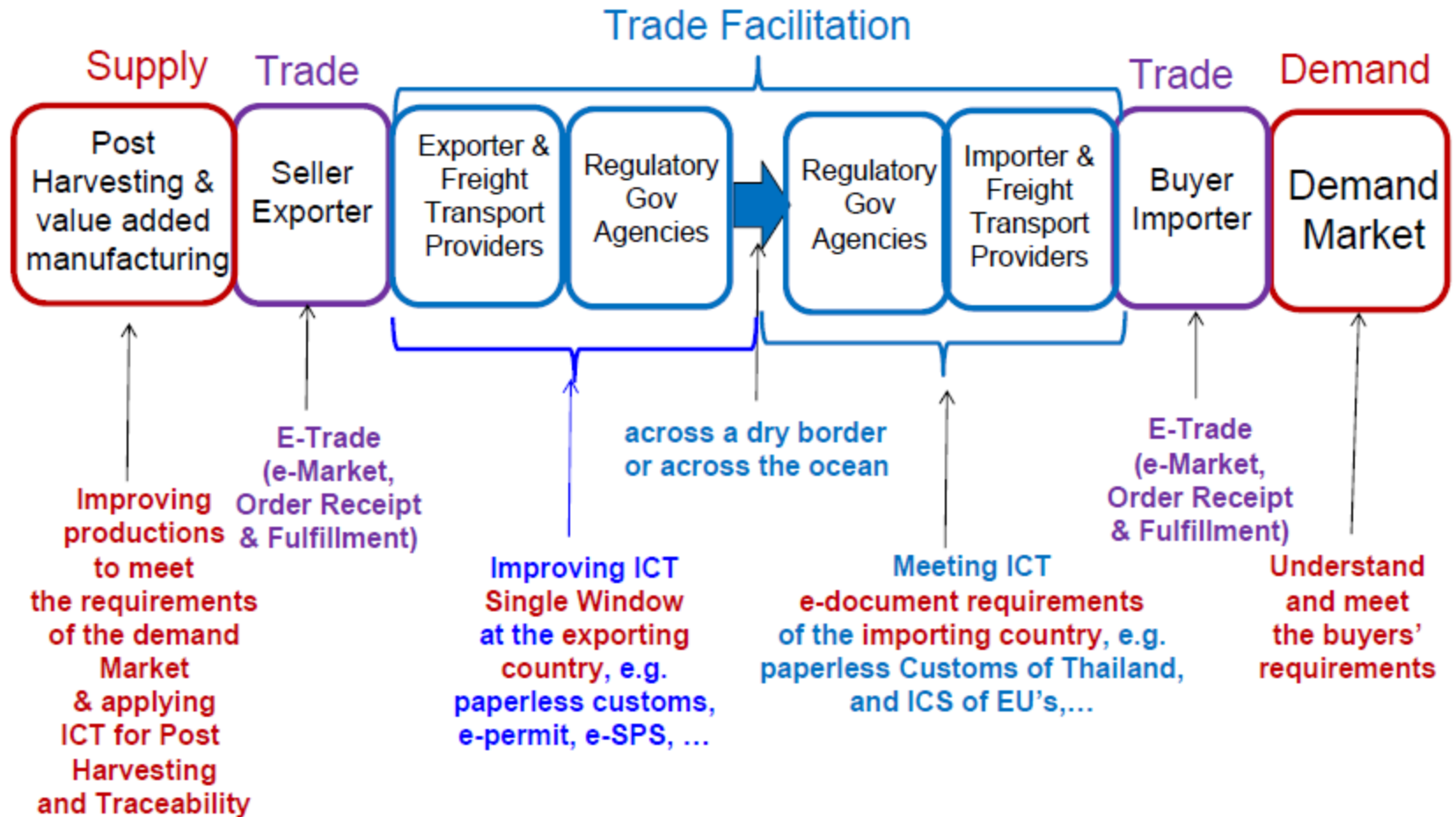
TYPICAL TRADING REQUIREMENTS



Trading Requirements For Agricultural Products



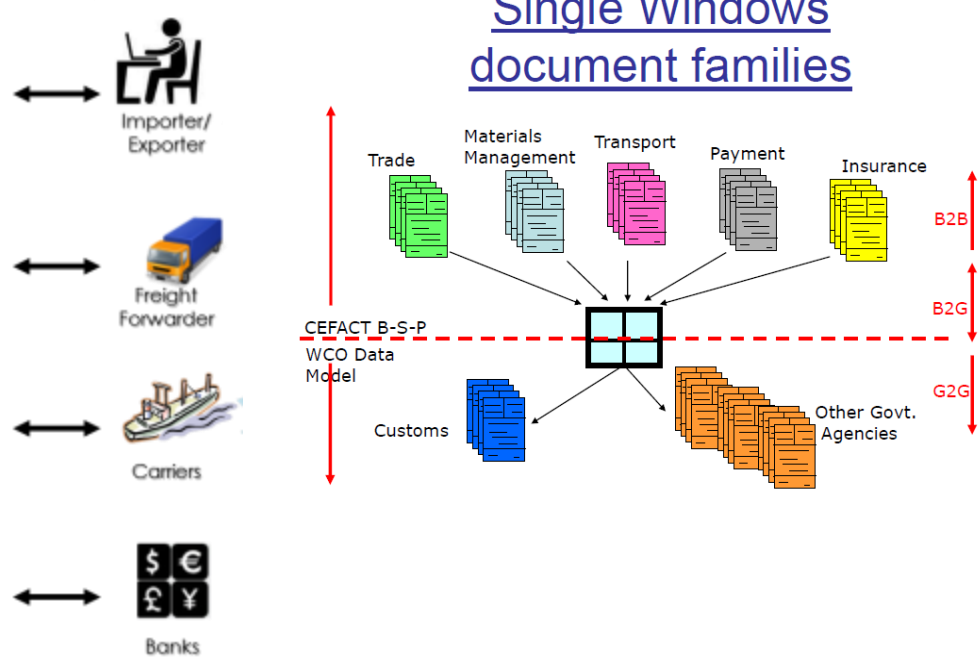
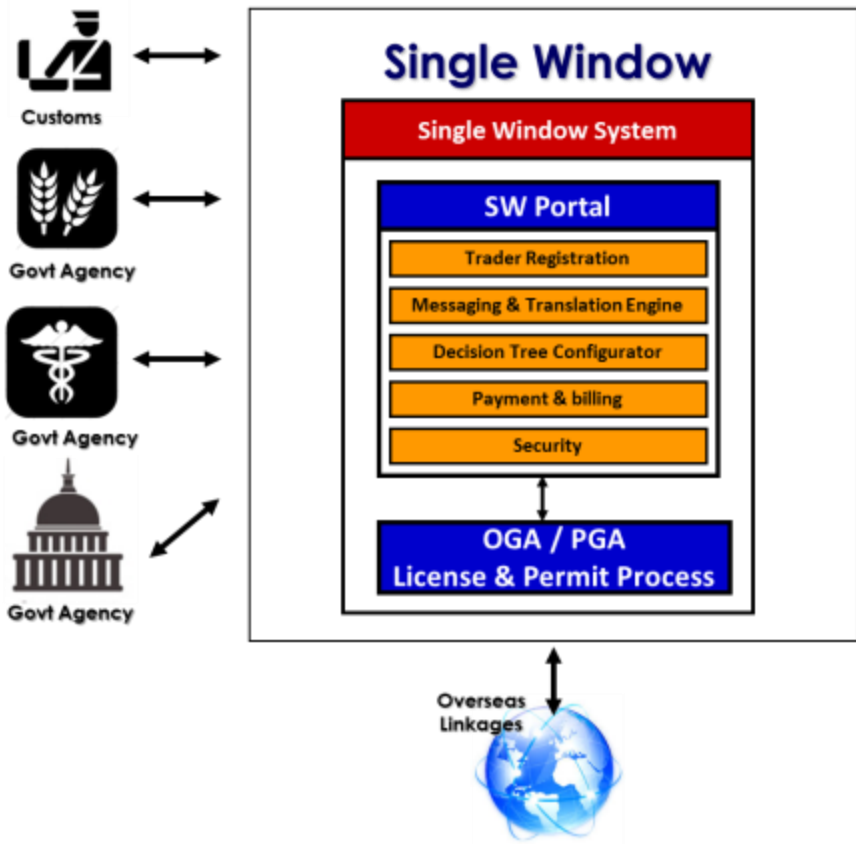
LEVERAGING ICT FOR TRADE FACILITATION OF AGRICULTURAL PRODUCTS



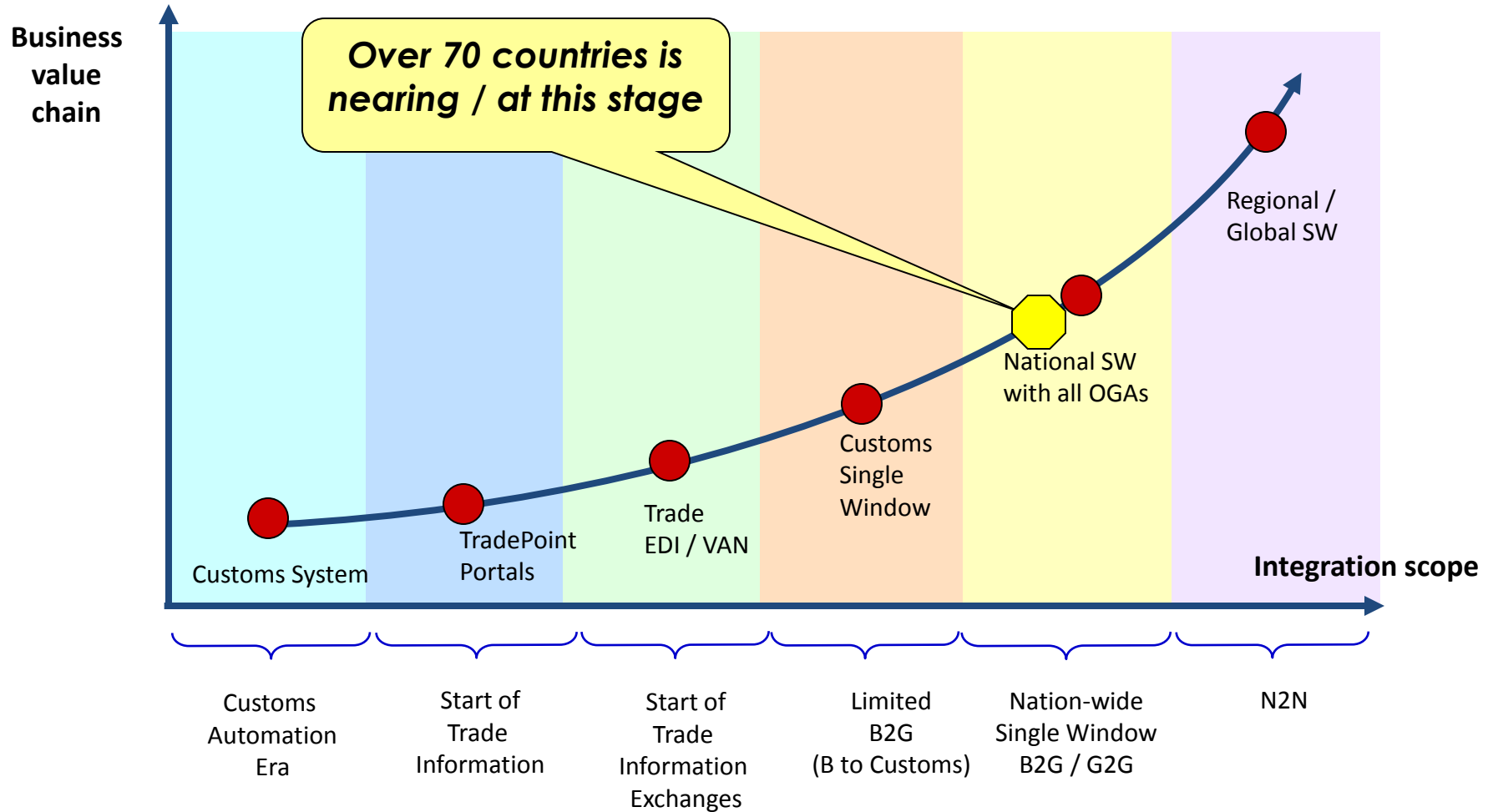
Source: World Economic Forum / Bain – “Enabling Trade From Valuation to Action” 2014 Report

SINGLE WINDOW CONCEPT

A **Single Window** is a **facility** that allows parties involved in trade and transport to lodge standardized information and documents with a **single entry point** to **fulfill all import, export, and transit-related regulatory requirements**. If information is electronic, then **individual data elements** should only be **submitted once**



EVOLUTION OF SINGLE WINDOW DEVELOPMENT

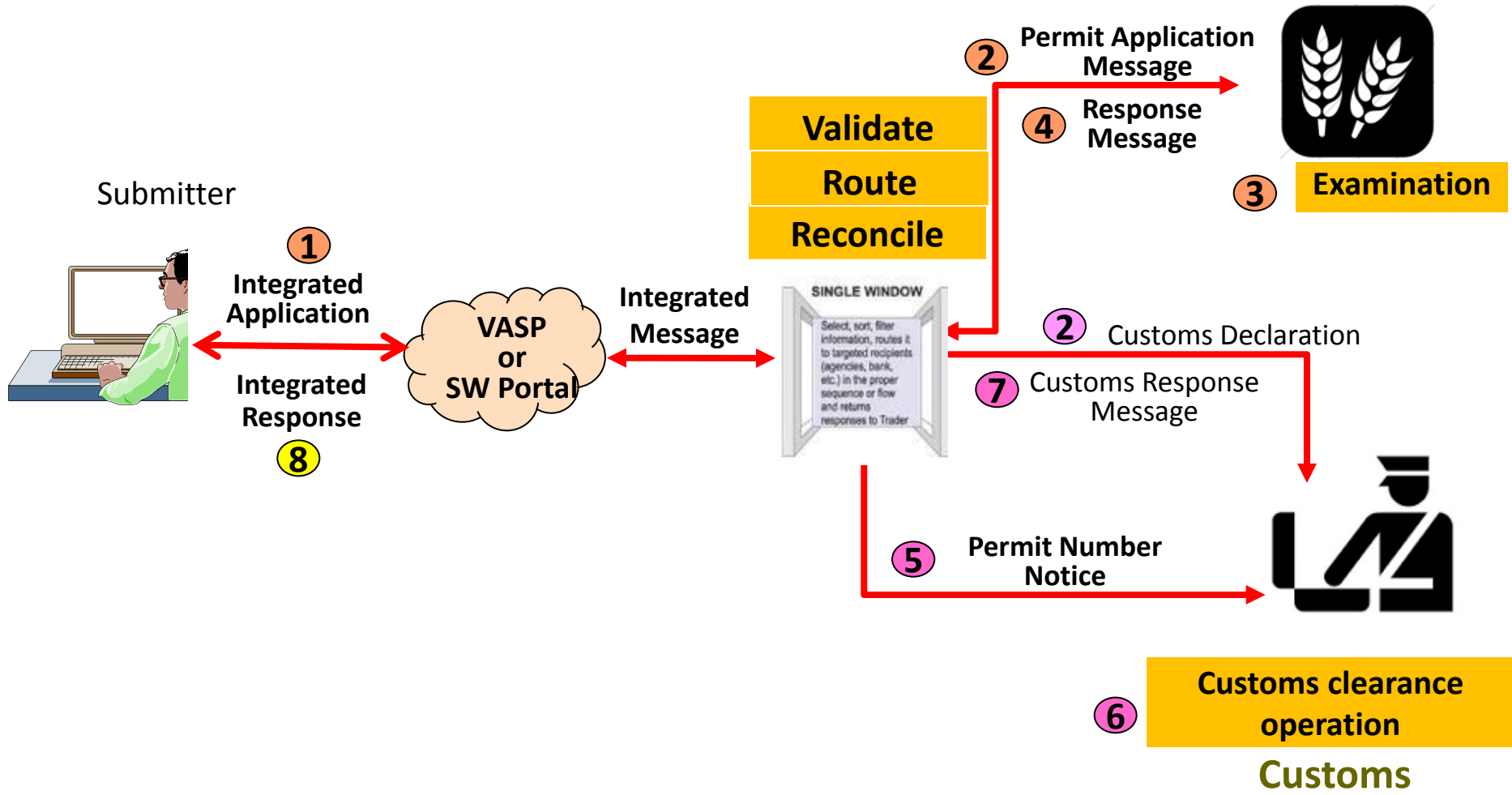


SINGLE WINDOW OPERATIONS

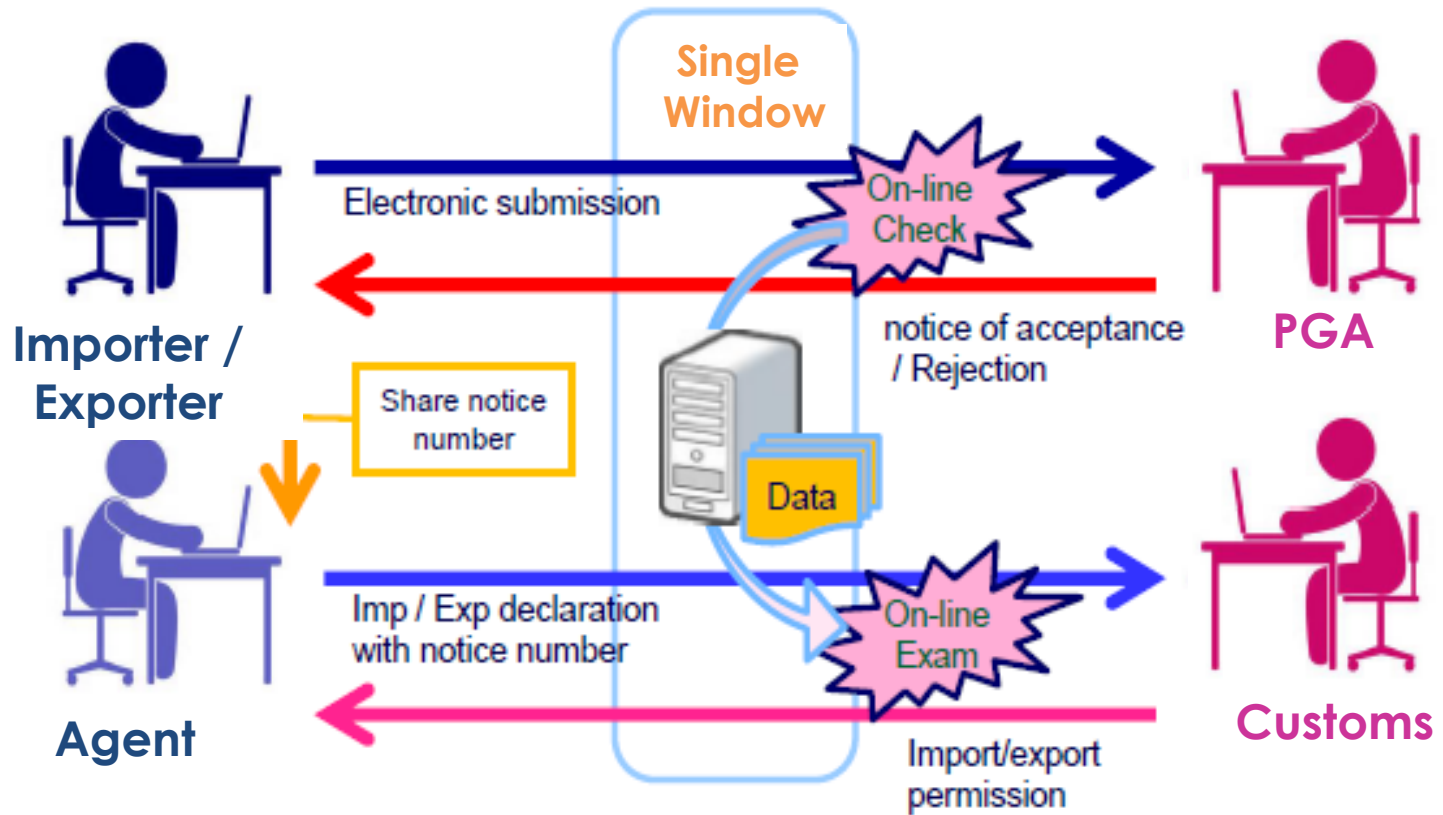
Trading Community

Single Window

Participating Govt Agency



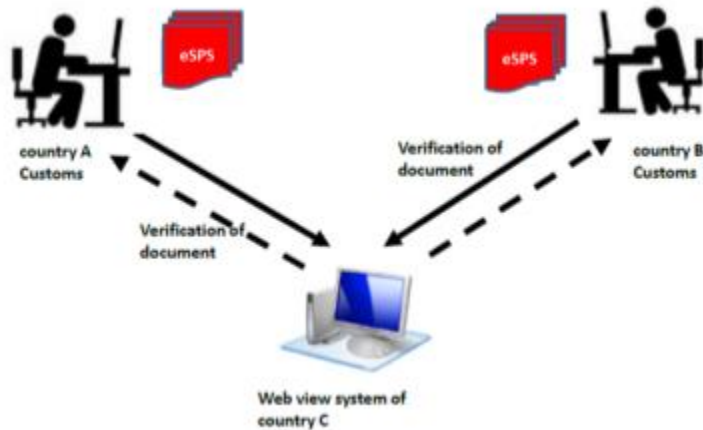
PERMIT APPLICATION IN SINGLE WINDOW



eSPS CERTS - MODELS OF EXCHANGE MECHANISM

MODELS OF EXCHANGE MECHANISM

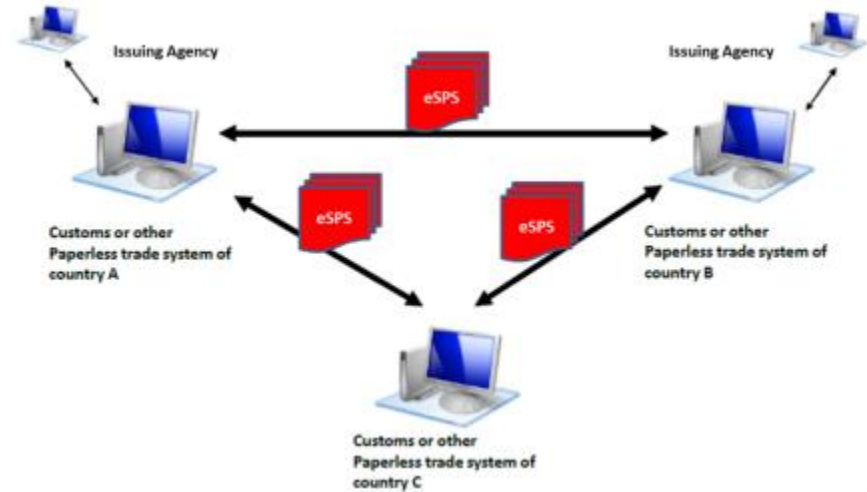
MODEL 1 – PEER TO PEER EXCHANGE



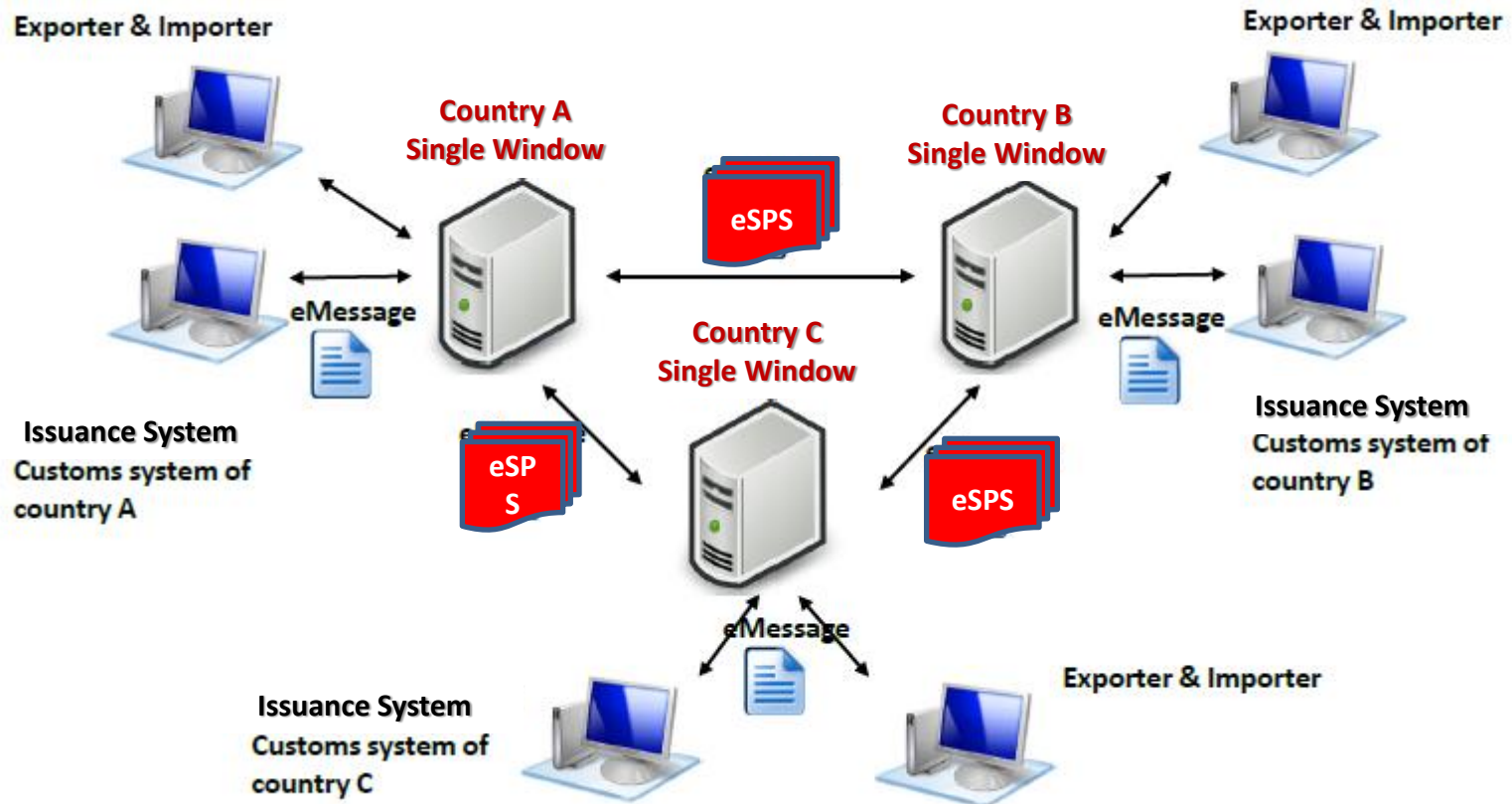
MODEL 2 – CENTRALISED VERIFICATION



















MODEL 3 - G TO G INTERCONNECTION SYSTEM



MODEL 4 - END TO END TRANSACTION MODEL



COMPARISON OF MODELS

	Budget	Benefit to traders	Benefit to government	Difficulty in implementation
M1 - Peer To Peer Exchange				
Model2 - Centralised Verification				
Model3 - G to G Interconnection				
Model4 - End to End Transaction Model				

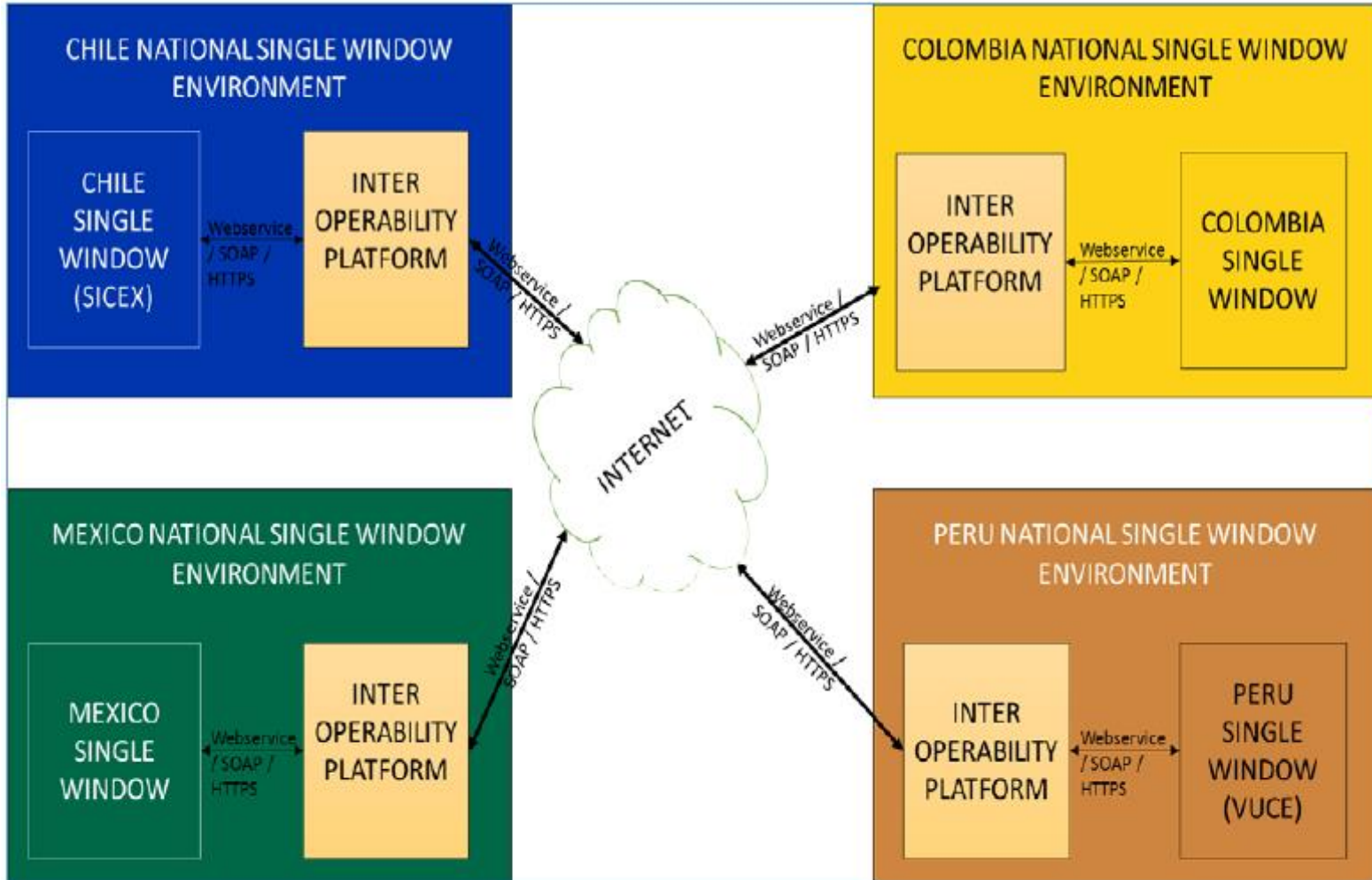
PACIFIC ALLIANCE INTEROPERABILITY PLATFORM (IOP)

Pacific Alliance adopted a distributed model to develop the IOP wherein the IOP components are installed in each of the 4 countries' Single Window environments.

- All the **4 Single Window Platforms** communicate with each other using the IOP. The messages sent across the borders are encrypted using the **Public Key Infrastructure (PKI)** including Digital Signature and the messages are designed using industry best practices/standards.
- Once completed, the platform will have capability to **send/receive Phytosanitary Certificates and Certificates of Origin** among the 4 Pacific Alliance countries.
- The platform is also scalable to include new types of certificates and other countries can participate in the information exchange in the future.

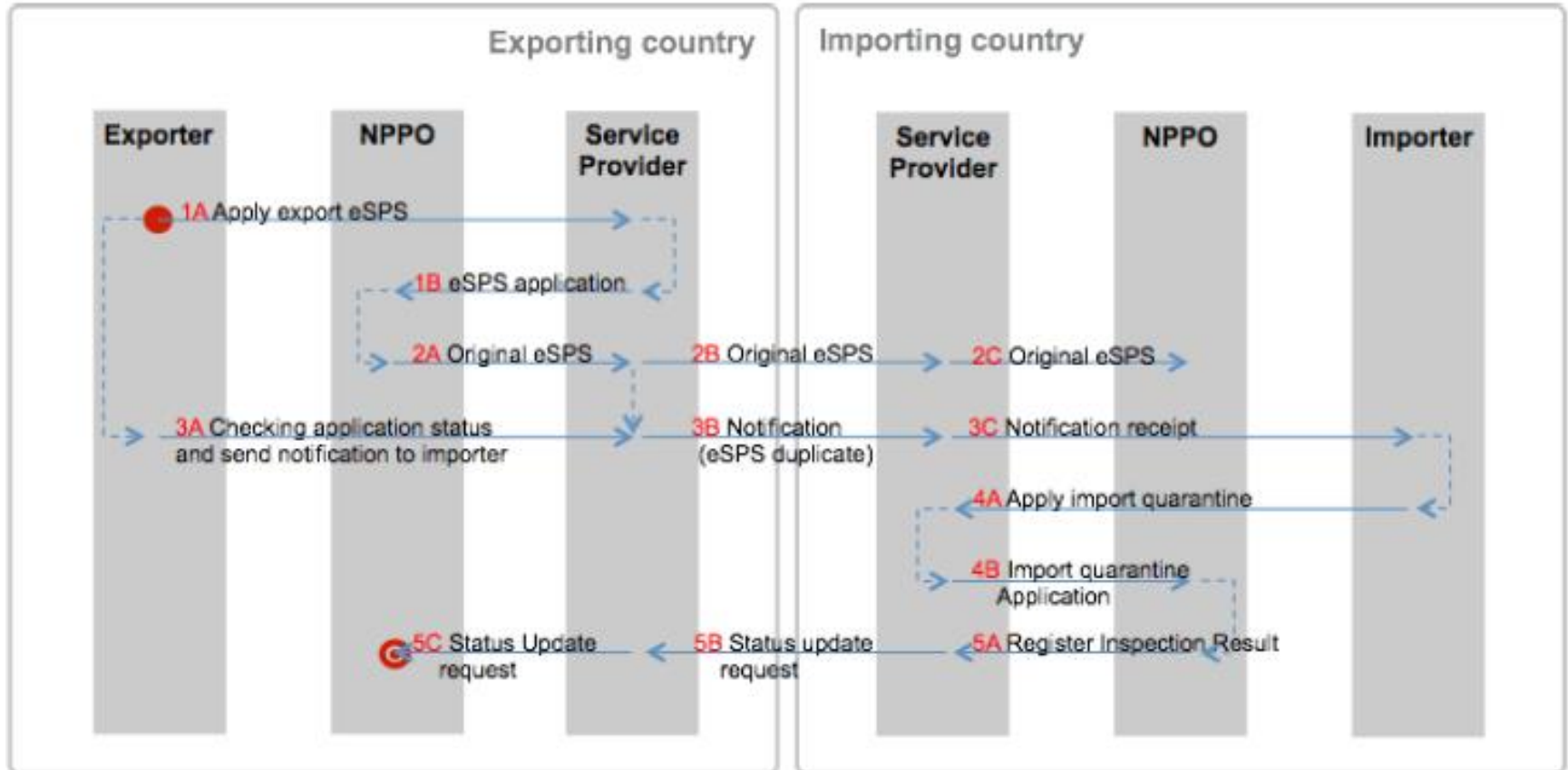


PACIFIC ALLIANCE INTEROPERABILITY PLATFORM (IOP)



MODEL 4 - END TO END TRANSACTION MODEL

PAA e-SPS





Thank You
for your attention

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