Single Windows & Regional Interoperability – Latest Developments and Considerations for CAREC

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Central Asia Regional Economic Cooperation Program
Joint Customs Cooperation Committee and
CAREC Federation of Carrier and Forwarder Associations Meeting

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AGENDA

1. Connectivity is the Next Step

2. Examples of Regional Interoperability

3. Considerations for Regional Interoperability

Introduction

ABOUT CRIMSONLOGIC

CrimsonLogic is a trusted partner to governments worldwide.

We help governments design and run innovative and sustainable services to collaborate more seamlessly with their citizens and ecosystem.

We work closely with our customers to continuously enhance the e-services, to drive adoption and usage of the e-services.

Shareholders

International Enterprise Singapore
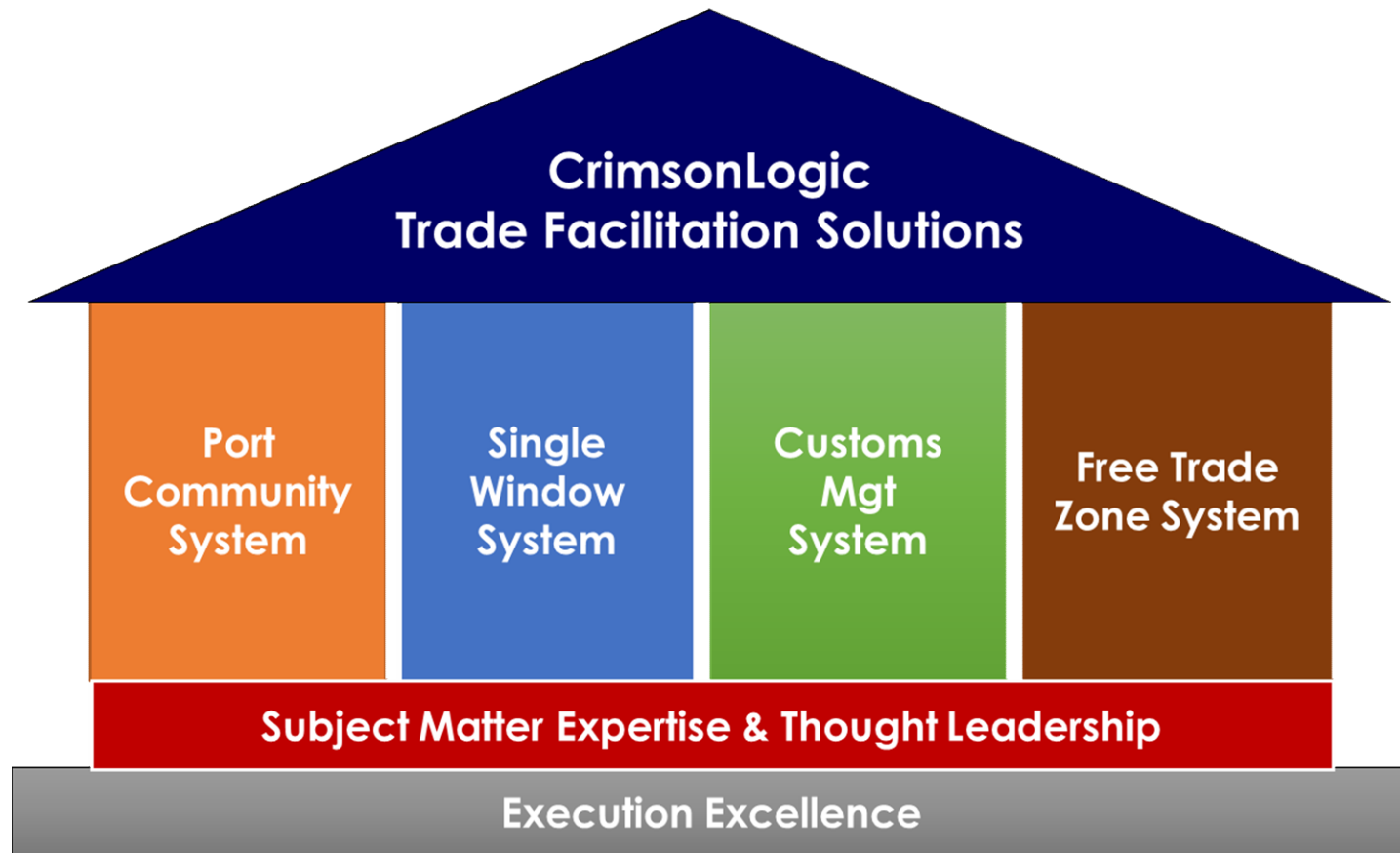
PSA International

Civil Aviation Authority of Singapore

Singapore Telecoms (SingTel)

TRADE FACILITATION SOLUTIONS

Since 1988, CrimsonLogic has successfully delivered trade facilitation solutions to more than 20 countries. We offer a comprehensive range of trade facilitation solutions, from designing and building systems that provide a high degree of agility, to operating these systems.

CrimsonLogic
Trade Facilitation Solutions

| Port Community System | Single Window System | Customs Mgt System | Free Trade Zone System |

Subject Matter Expertise & Thought Leadership

Execution Excellence

TRADE TRACK RECORD

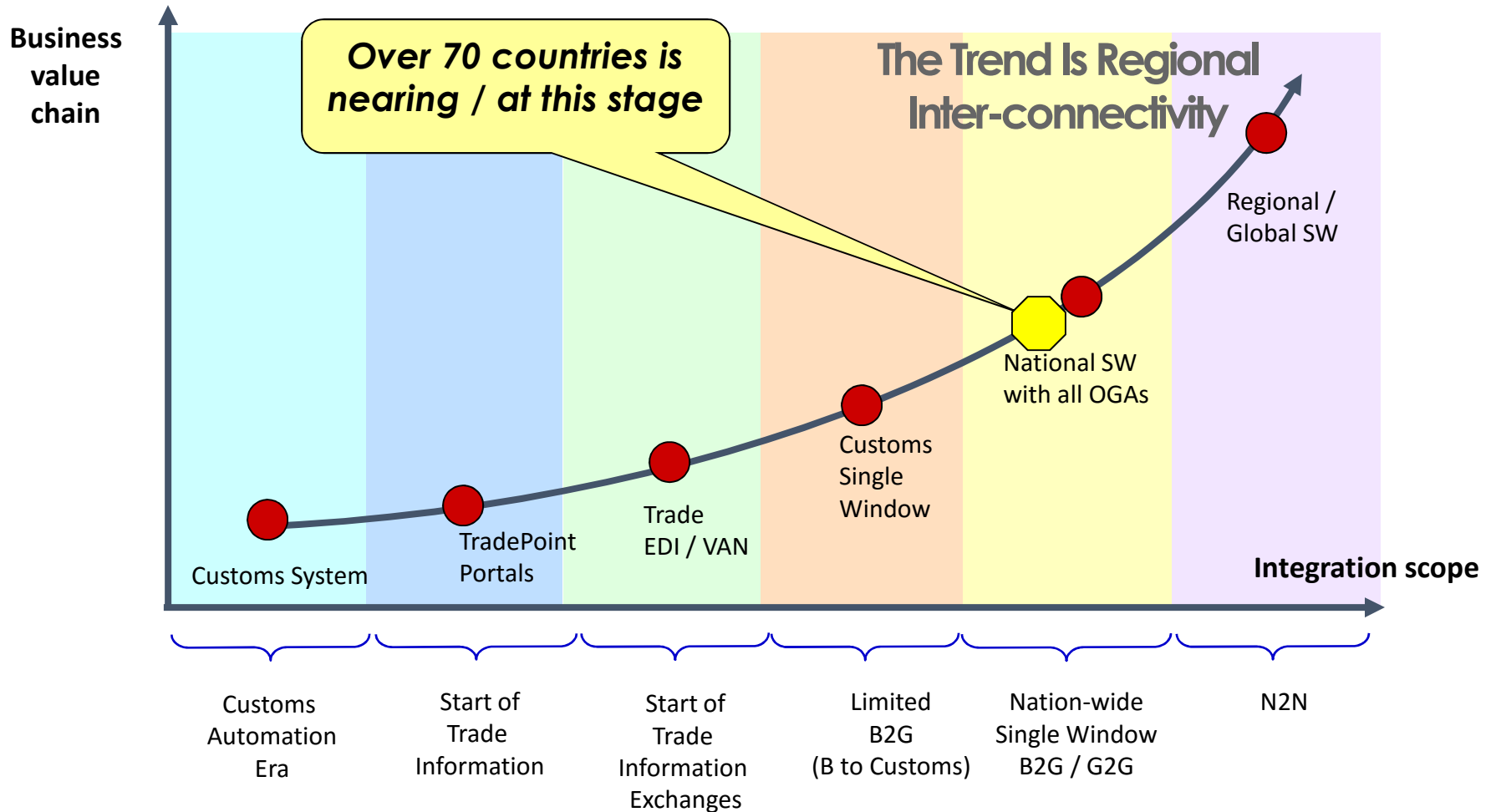|	Country		Project	Year	Business Model
1	Singapore		TradeNet® / TradeXchange	1989	PPP
2	Mauritius		Mauritius TradeNet	1994	PPP
3	Ghana		Ghana Community Network	2002	PPP
4	Saudi Arabia		SaudiEDI	2002	PPP
5	Panama		Panama Canal Authority	2004	Self Funded
6			Colon Free Trade Zone	2008	Self Funded
7			Panama Customs	2009	IDB Funded
8			Panama Single Window	2013	IDB Funded
9	Madagascar		Madagascar (GASYNET)	2007	PPP
10	India		Port Community System	2007	Self Funded
11	Ivory Coast		Ivory Coast TradeNet	2008	PPP
12	Qatar		Qatar Customs Clearance Single Window	2008	Self Funded
13	Trinidad & Tobago		Trinidad & Tobago Single Electronic Window	2010	Self Funded
14	Mozambique		Mozambique TradeNet	2010	PPP
15	Chile		Chile Single Window	2012	IDB Funded
16	Brunei		Brunei National Single Window	2012	Self Funded
17	Kenya		Kenya Electronic Single Window	2012	Self Funded
18	UAE		UAE Circulars and Permits	2012	Self Funded
19	Oman		Integrated Customs Management System & Single Electronic Window	2013	Self Funded

Connectivity is the Next Step

EVOLUTION OF SINGLE WINDOW DEVELOPMENT

Business value chain

Over 70 countries is nearing / at this stage

The Trend Is Regional Inter-connectivity

Regional / Global SW

National SW with all OGAs

Customs Single Window

Trade EDI / VAN

TradePoint Portals

Customs System

Integration scope

Customs Automation Era

Start of Trade Information

Start of Trade Information Exchanges

Limited B2G (B to Customs)

Nation-wide Single Window B2G / G2G

N2N

Regional Interoperability –
ASEAN SINGLE WINDOW
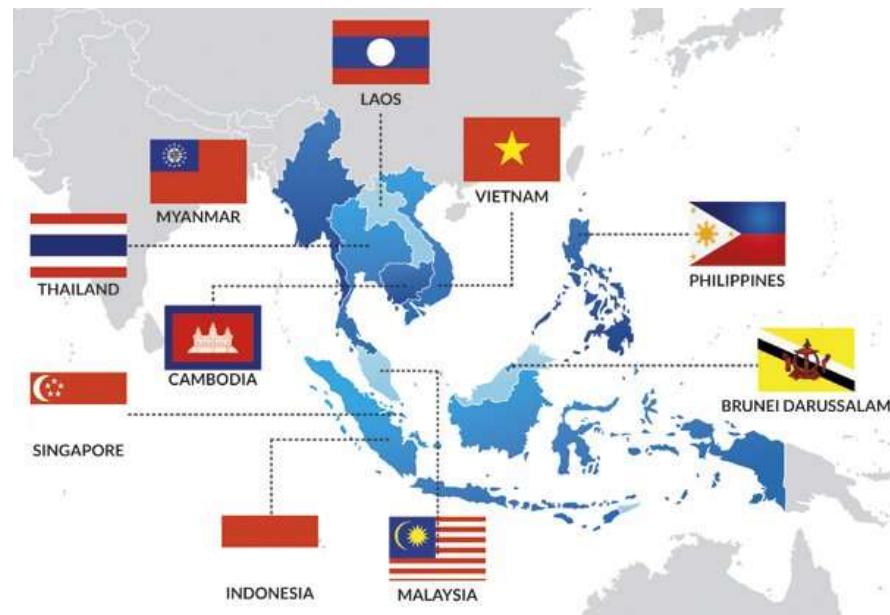
ASEAN SINGLE WINDOW DEFINITION

9th Dec 2005, the Agreement signed to Establish and Implement the ASEAN Single Window:

*" The ASW is the **secured environment where National Single Windows (NSWs) integrate and operate**. The ASW constitutes a regional facility to enable a seamless, standardized and harmonized routing and communication of trade and customs-related information and data for customs clearance and release from and to NSWs. **Trade and related customs data and information will stay within, and belong to respective Member States**."*

where;

*"The **National Single Window** is a system which enables:*
- *a **single submission of data and information**;*
- *a **single and synchronous processing of data and information**; and*
- *a **single decision-making for customs release and clearance**.*
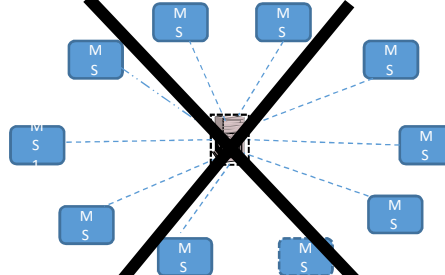
CONNECTIVITY OPTIONS

Virtual Network (Https, IP/VPN)

Bilateral Approach :
Point-to-Point Leased Line
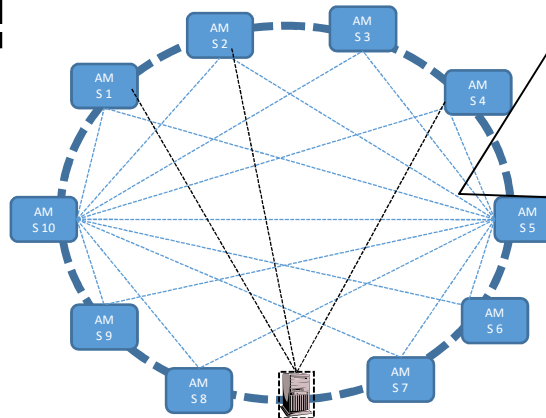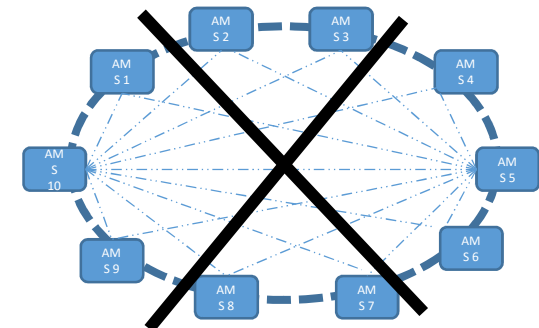Connectivity

Centralized system/server

Decentralized System
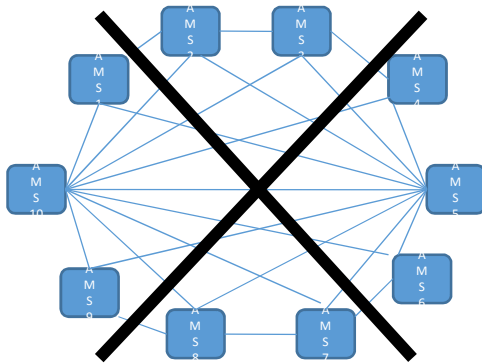
✓ **Data to be routed from country to country without being stored at one place**
✓ **IPVPN enabled secured data exchange between countries in a secured environment**

A **combination of centralization and decentralization whereby sensitive data such as trade data does not go through a centralized gateway residing in a central server .** A central server may be required for hosting non-confidential/non-sensitive data such as common reference code list, ANTH etc and some central facility for general enquiry , transaction volume monitoring etc

ASEAN SINGLE WINDOW CONNECTIVITY
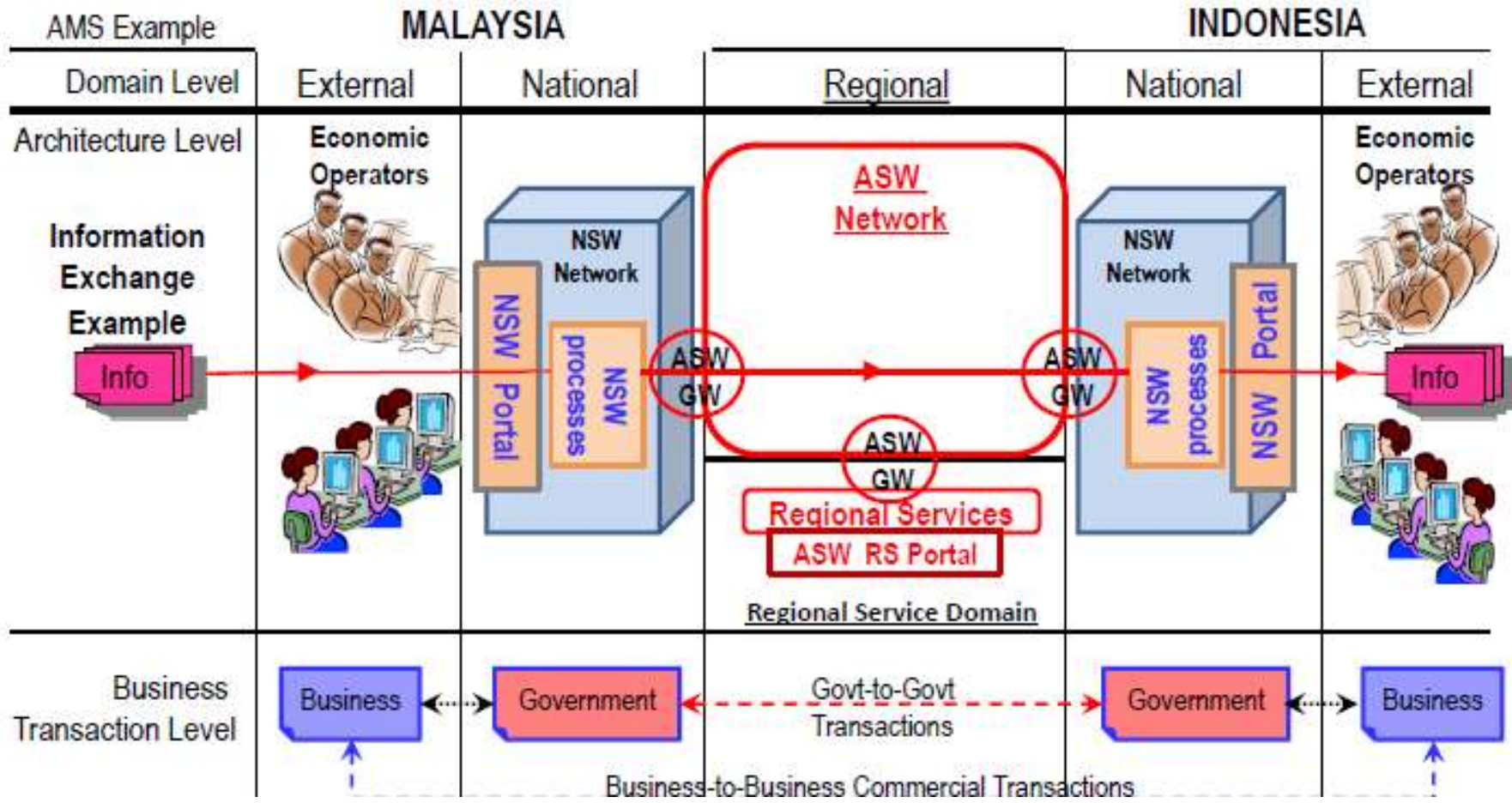
Regional Interoperability –

PACIFIC ALLIANCE

PACIFIC ALLIANCE

- The Pacific Alliance is a regional integration initiative formed by Chile, Colombia, Mexico, and Peru on April 28, 2011.

- Its main purpose is for members to form a regional trading bloc and forge stronger economic ties with the Asia-Pacific region.

ARTICLE 5.9: Foreign Trade Single Window.
Parties shall implement and improve their Foreign Trade Single Windows (hereinafter VUCE) to streamline and facilitate trade, **and they shall ensure their interoperability**, in order to exchange information to ease trade and enabling parties to verify information of foreign trade operations.
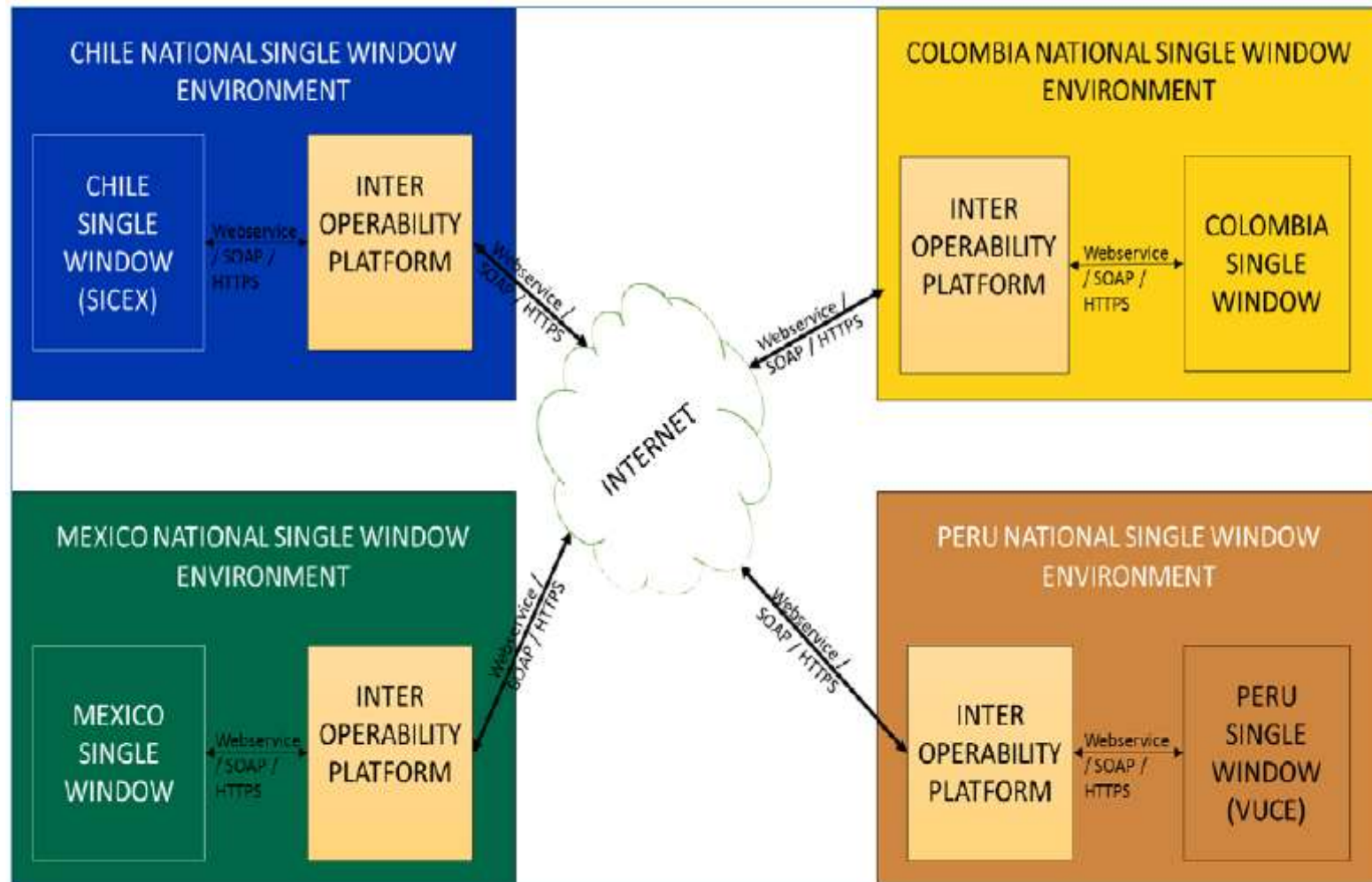
MEXICO

COLOMBIA

PERU

CHILE

Alianza del Pacífico

SINGLE WINDOWS IN PACIFIC ALLIANCE

| SW	COLOMBIA	CHILE	PERU	MEXICO
Date of implementation	2005	2015	2010	2012
Responsible Agency	Ministry of Trade, Industry and Tourism	Ministry of Treasury (Hacienda)	Ministry of Foreign Trade and Tourism	Tax Administration Service (SAT)
Scope/services	• Exports • Imports • Registry of domestic producers. • Certificates of domestic production. • joint inspection module – SIIS	• Exports • Imports • Transit.	• Exports • Imports • Port Services • Certificates of Origin	• Exports • Imports • Certificates of Origin
Number of agencies	21	5	28	12

PACIFIC ALLIANCE INTEROPERABILITY PLATFORM (IOP)

List of documents or certificates to be exchanged	
Phyto Sanitary	Manufactured Food & Beverages
Zoosanitary and Hydrobiological	Solid wastes
CITES	Medicines
Certificates of Origin	Medical devices
Pesticides	Cosmetics and sanitizers

PACIFIC ALLIANCE INTEROPERABILITY PLATFORM (IOP)
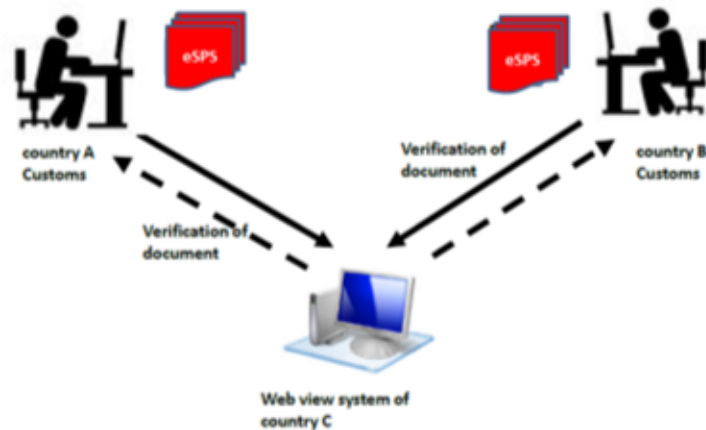
INTEROPERABILITY OF PACIFIC ALLIANCE

1st Phase

Certifícate of Origin / Sanitary & Phytosanitary (SPS) Certificates

2nd Phase

Import / Export Declarations
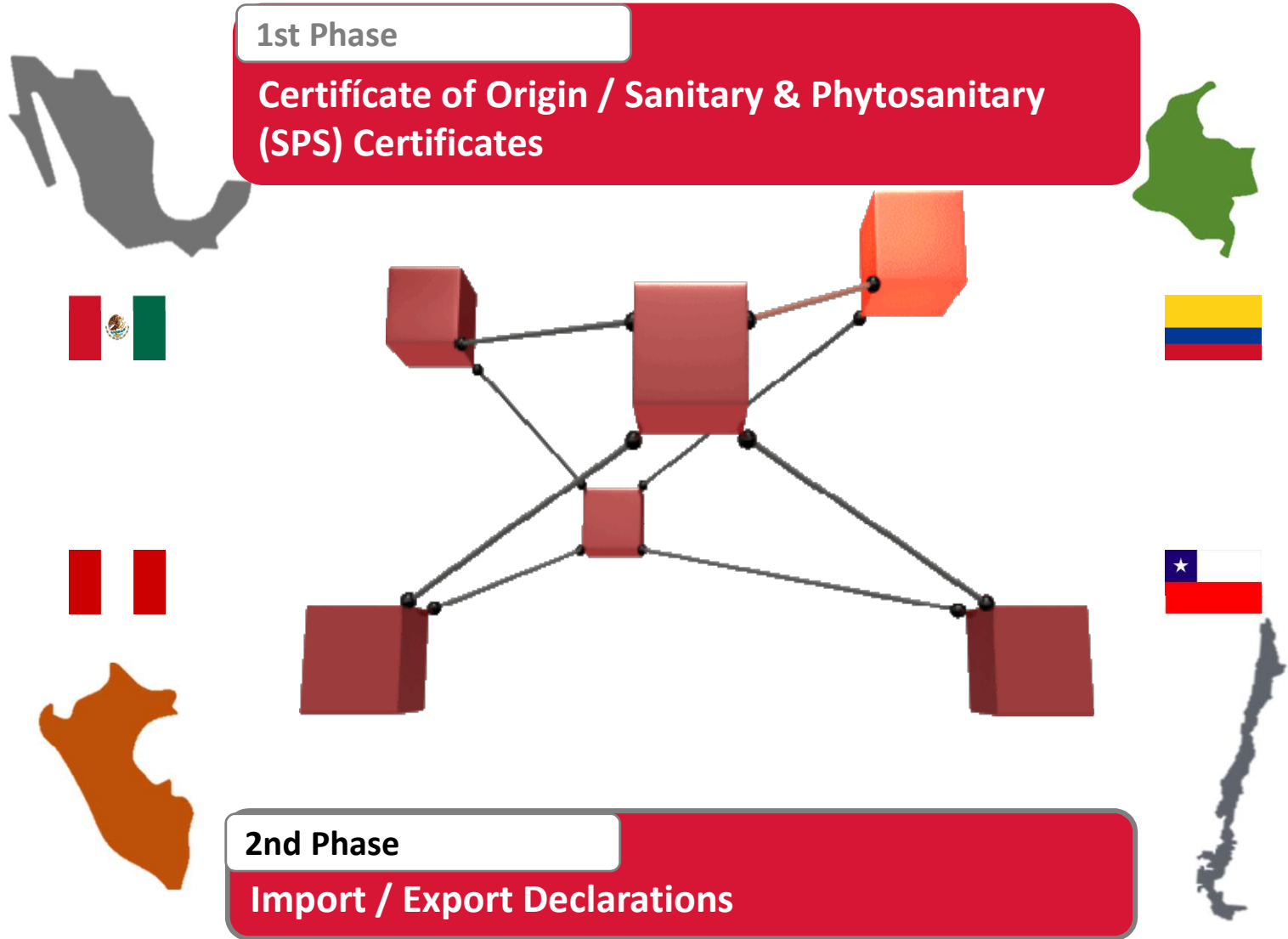
The Way Forward
- Suggestions for
CAREC

MODELS OF EXCHANGE MECHANISM

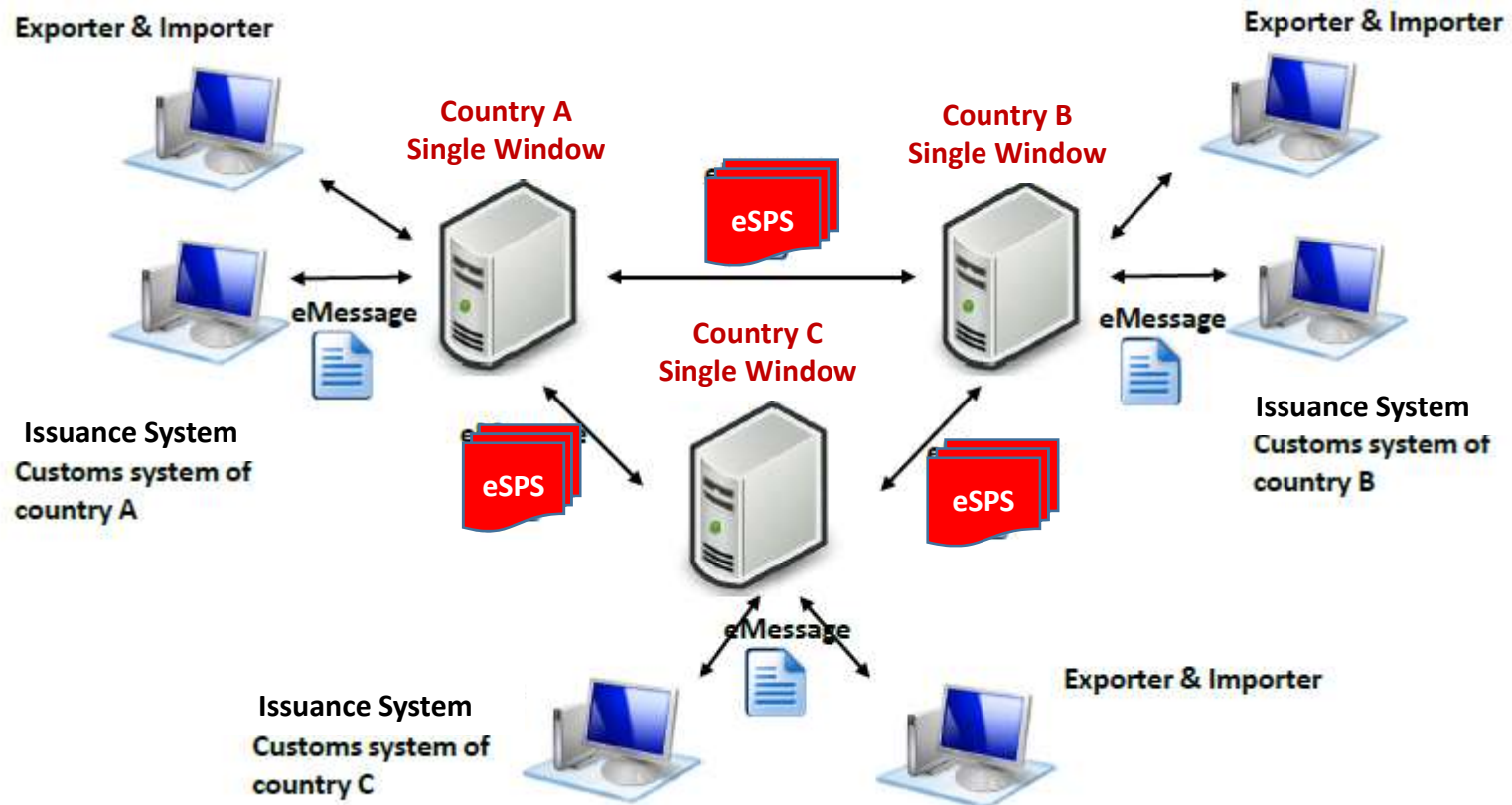# MODELS OF EXCHANGE MECHANISM

MODEL 1 – PEER TO PEER EXCHANGE

MODEL 3 - G TO G INTERCONNECTION SYSTEM

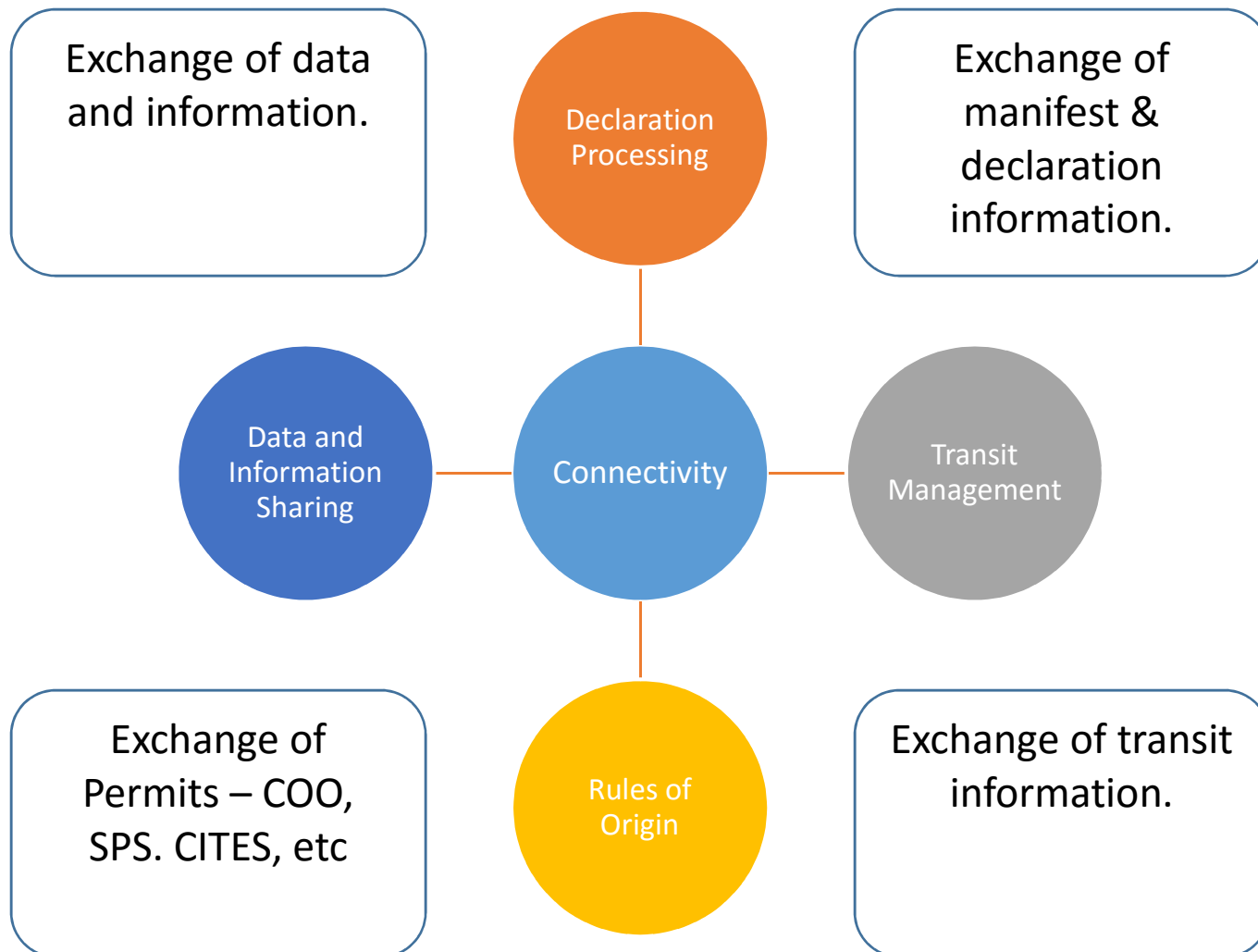## MODEL 2 – CENTRALISED VERIFICATION
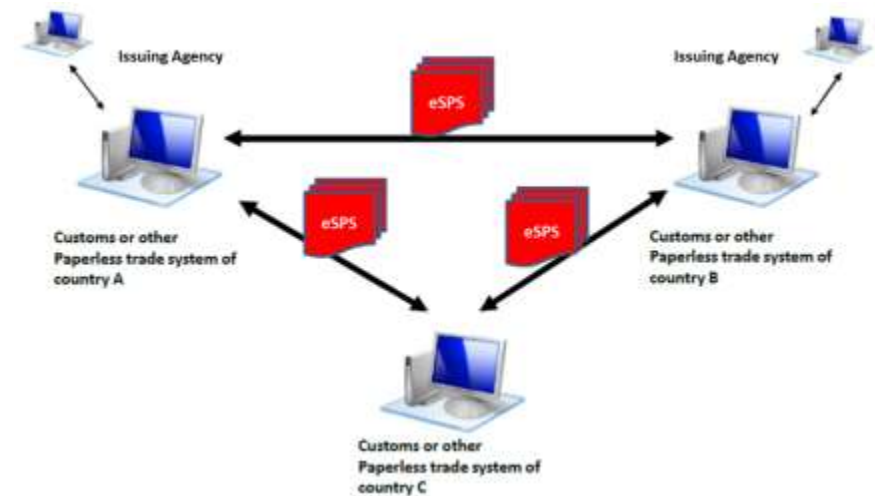
MODEL 4 - END TO END TRANSACTION MODEL

COMPARISON OF MODELS

	Budget	Benefit to traders	Benefit to government	Difficulty in implementation
M1 - Peer To Peer Exchange				
Model 2 - Centralised Verification				
Model 3 - G to G Interconnection				
Model 4 - End to End Transaction Model				

KEY AREAS OF CONNECTIVITY

Exchange of data and information.

Declaration Processing

Exchange of manifest & declaration information.

Data and Information Sharing

Connectivity

Transit Management

Exchange of Permits – COO, SPS. CITES, etc

Rules of Origin

Exchange of transit information.

SUGGESTED PILOTS

1. SW in ASIAN Country with SW with CAREC Country
2. Suggested documents - eCO , eSPS

Thank you

for further information, contact:

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