



**Asia-Pacific
Economic Cooperation**

2009/SCCP/SWWG/WKSP4/014

Thailand National Single Window

Submitted by: Thailand



**Single Window Working Group Capacity
Building Workshop 4
Singapore
6-8 April 2009**



Update : Thailand National Single Window

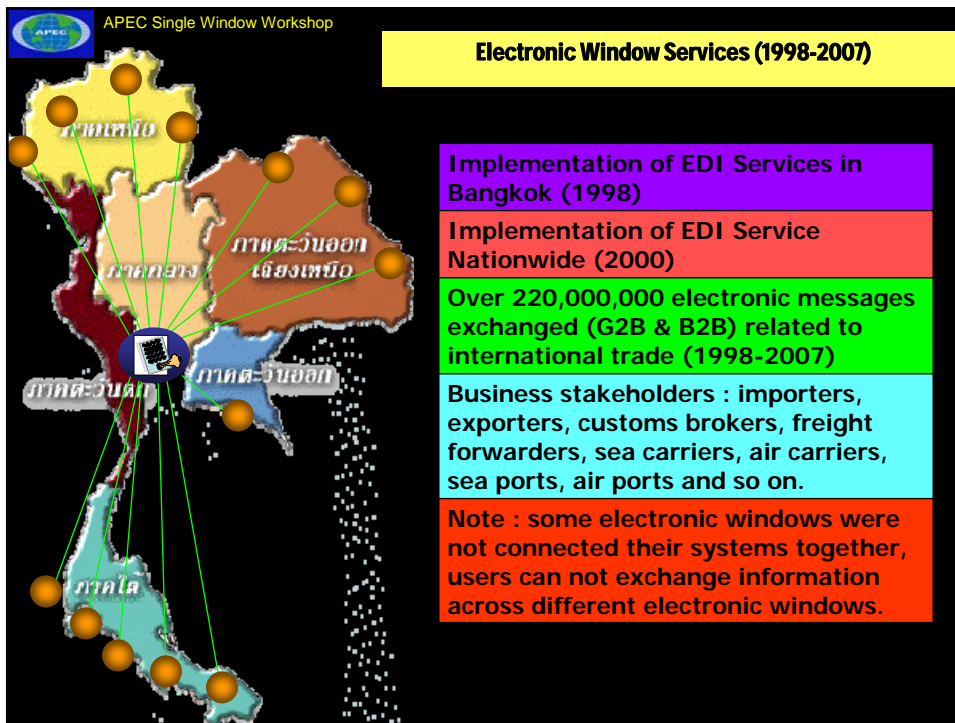
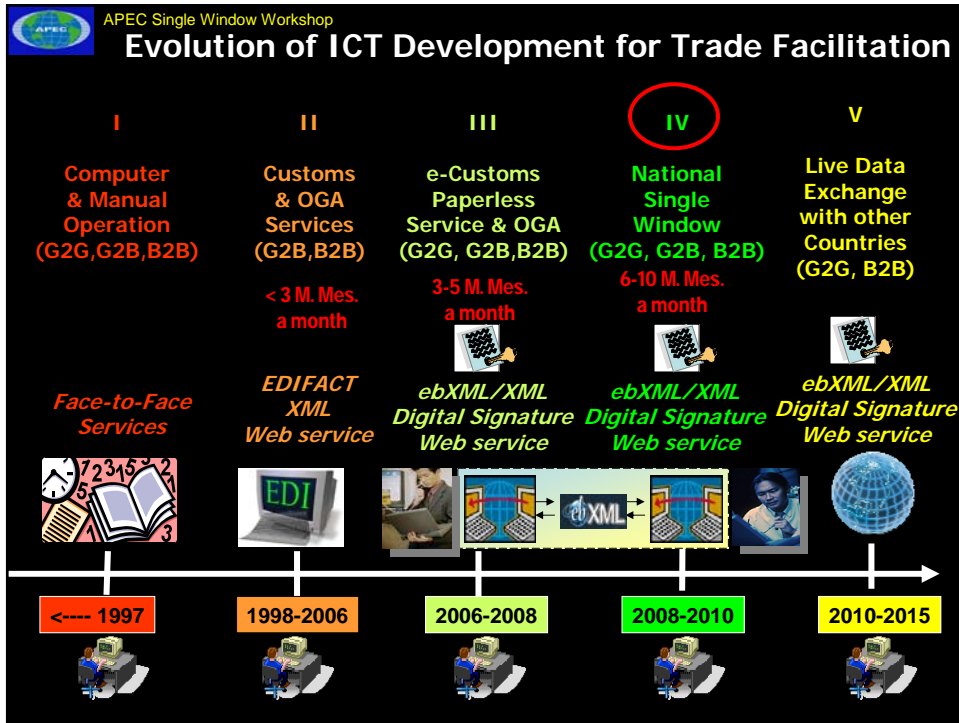


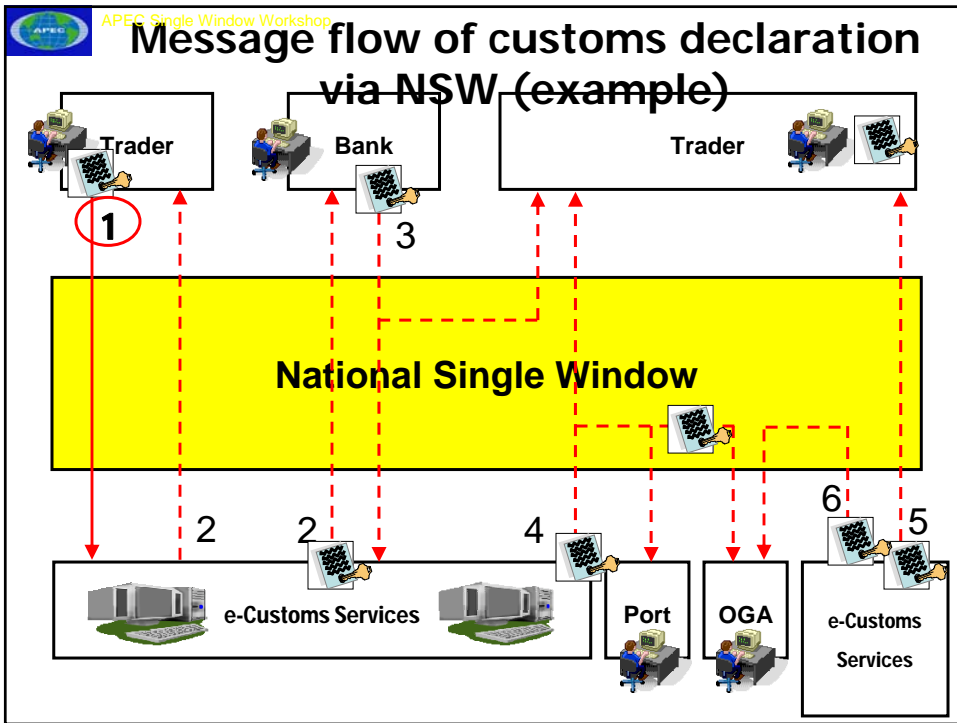
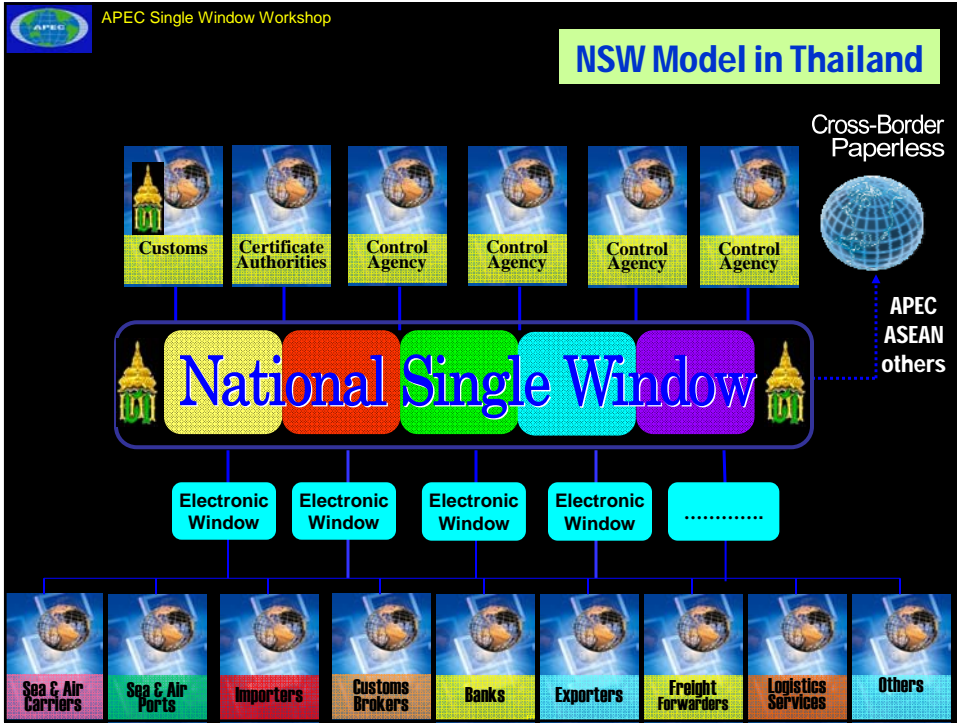
Planning and Standard Division
Thai Customs Department

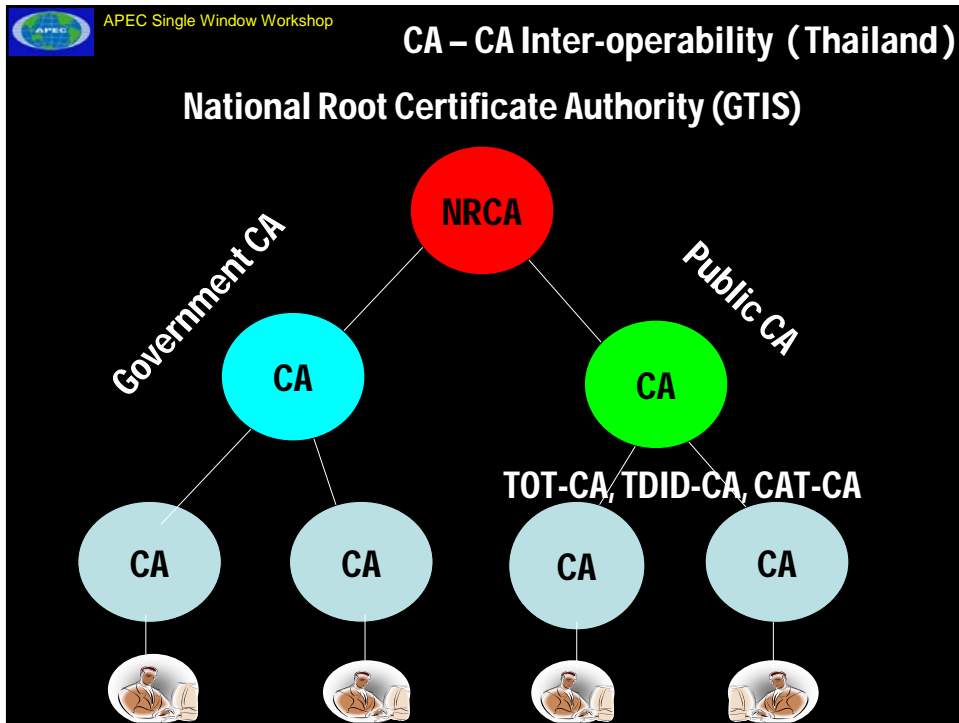
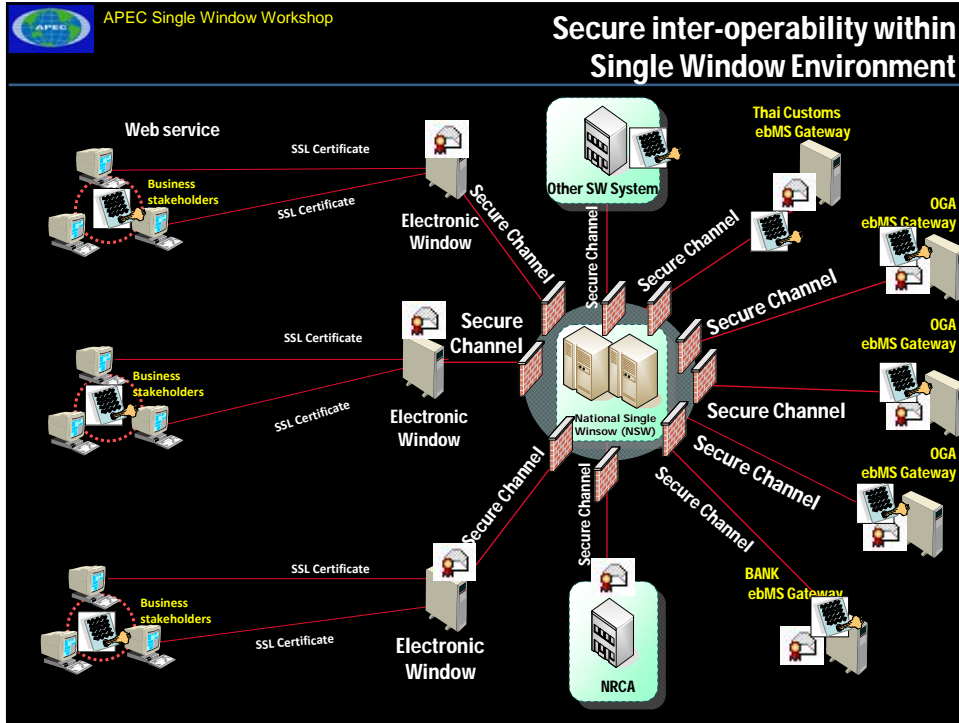


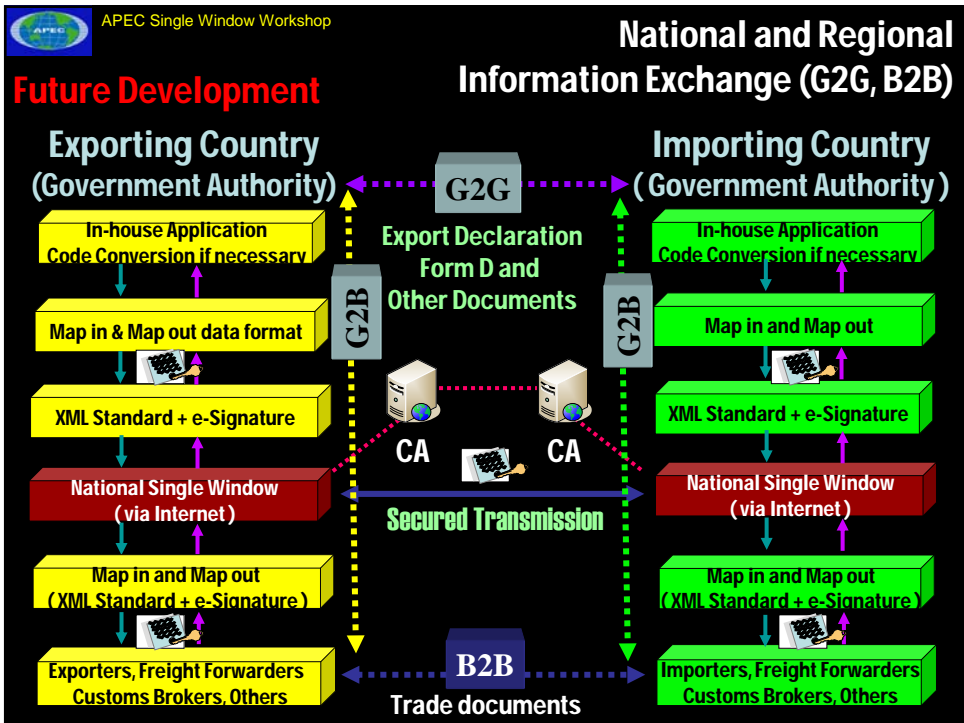
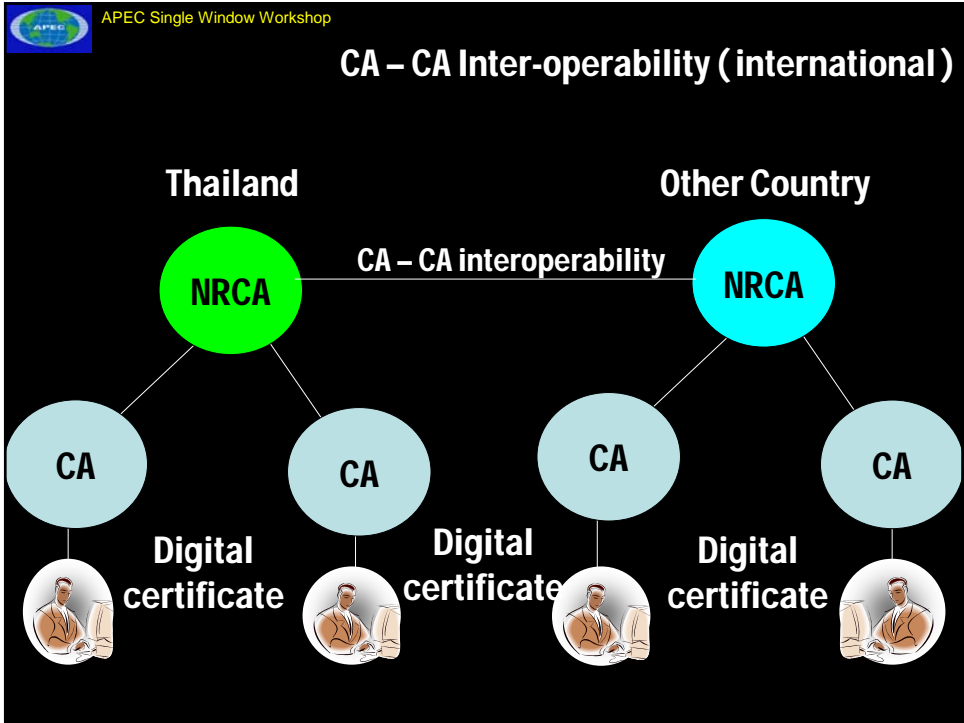
Government Policy for Trade Facilitation Enhancement

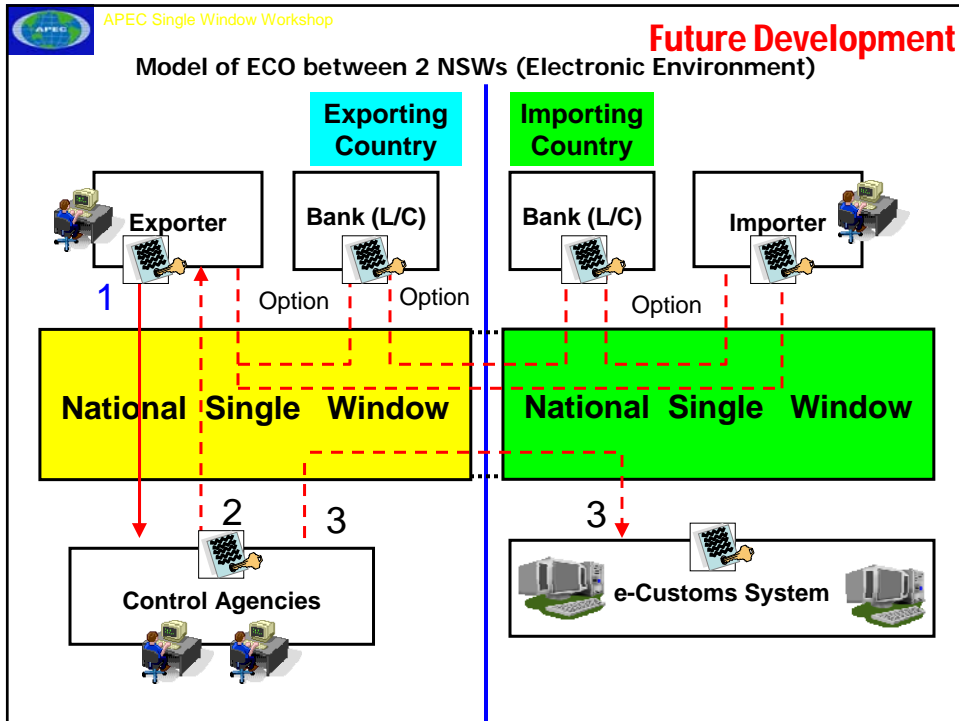
- ❑ **Government & Business Stakeholders (National Single Window)**
 - Ministry of Finance (Customs as a lead agency) , Ministry of Commerce, Ministry of Agriculture, Ministry of ICT, Ministry of Transport, Ministry of Public Health, Ministry of Industry, Ministry of Science and Technology, and ...
 - Over 60,000 traders
- ❑ **Key Strategies**
 - Establishment of the National Single Window environment related to import/export, transport procedures and document requirements including cross-border data exchange with other countries.
 - Promotion of electronic transaction and data exchange between G2G, G2B and B2B related to international trade transaction towards paperless trading.













APEC Single Window Workshop

Single Window Development

Key activities (example)	Key actions (example)
Establishment of Political Commitment	<ul style="list-style-type: none"> - Government mandate - Nomination of the strong leading agency - Clear identification of financial model
Establishment of Working body	Establishment of Steering Committee & Working Groups
Development of national roadmap (What, where, when, how, how much, who & whom)	<ul style="list-style-type: none"> Development & implementation phases Areas and participants in the pilot project Data harmonization & standardization Simplification of process & procedures Legal framework for paperless environment What, how, who and whom get involved Security inter-operability Message inter-operability CA-CA inter-operability Communication methodology Capacity building programs

 APEC Single Window Workshop Single Window Development	
Key activities (example)	Key actions (example)
Data harmonization and standardization	<ul style="list-style-type: none"> ▪Nominate specific team for data harmonization and standardization ▪Identify clear direction of standard used ▪How to share resource for data harmonization and standardization exercise?
Security & message inter-operability	<ul style="list-style-type: none"> ▪Use standard messages developed by international organization (WCO, UN ...) ▪Use PKI and digital signature ▪Recommend message encryption for all financial transaction ▪Use secure Trust servers (SSL certificate) ▪Conduct CA-CA inter-operability (national) ▪Adopt policy security (ISO/IEC : 17799/27001) ▪Conduct CA-CA inter-operability (international)
Development of national standard data set	<ul style="list-style-type: none"> ▪Conduct data harmonization and standardization ▪Use of international standard & UN recommendations (WCO data model , ISO, ..)

 APEC Single Window Workshop Single Window Development	
Key activities (example)	Key actions (example)
Clarification with Legal Framework	<ul style="list-style-type: none"> ▪ Formulation of agreement / MOU (if required) ▪ Revision of relevant laws and regulation ▪ Enable single window in paperless environment ▪ Understanding legal framework in the same standard and practice
Clarification of Communication methodology	<ul style="list-style-type: none"> ▪How to communicate in SW environment ▪Who & whom need to communicate in the normal & unexpected cases ▪How to deal with relevant stakeholders in the normal & unexpected cases ▪Implementation guideline, user manual and contingency plan
Clarification of message standard and language used	<ul style="list-style-type: none"> Use of international standards and UN recommendations (WCO data model, ISO, ...) Use of international language for future data exchange with other countries NSW may need to support more than one standard.



Single Window Development

Key activities (example)	Key actions (example)
Capacity building programs and Promotion	<ul style="list-style-type: none"> ▪ Single Window environment ▪ Data harmonization and standardization ▪ Security in Single Window environment ▪ Increase new participants in single window environment ▪ Share experience with other stakeholders ▪ Well understanding of legal framework ▪ User manual and implementation guideline
Collaboration with International organizations and forums	<ul style="list-style-type: none"> ▪ Participate in International forums (WCO, ASEAN, APEC, .) ▪ Participate in International seminar and workshop ▪ Initiative the cross-border pilot project ▪ Sharing resource for conducting data harmonization and standardization.



Ongoing and Future Development

- Development of NSW phase II (2009-2011)
- Conduct & review data harmonization and standardization
- Increase stakeholders in national single window environment
- Enable national single window in paperless environment
- Revise national legislation to enable live data exchange with other countries
- Extend CA – CA inter-operability with other countries
- Apply policy security (ISO/IEC 17799/27001) to NSW systems



Lessons Learned & Recommendations (national)

- ❖ **Strong leading agency is important for success of NSW**
- ❖ **Political and unclear business model of single window operation impacts the delay of Single Window implementation.**
- ❖ **It is necessary to have a specific team responsible for data harmonization and standardization**
- ❖ **Utilization of modeling tools can guide and assist analysts and system designers in accuracy, acceleration and quality assurance.**
- ❖ **Data Harmonization and standardization of all import/export-related procedures is very important exercise to enable single window environment towards paperless trading**
- ❖ **Establishment of National Root CA and CA – CA inter-operability activity for mutual trust and recognition among different CAs are necessary.**



Recommendations (international)

- ❖ **Establishment of business model for message inter-operability among APEC economies.**
- ❖ **Nomination of the single window system (should be national single window if available) to enable a single point of linkage among single window systems within APEC economies.**
- ❖ **Security inter-operability among APEC economies is necessary.**
- ❖ **CA – CA inter-operability among APEC economies is needed for future data exchange among APEC economies.**
- ❖ **Data Harmonization and standardization is needed for future data exchange among APEC economies.**
- ❖ **Formulation of legal framework among APEC economies to enable cross-border data exchange towards paperless trading.**
- ❖ **Use of international language is needed for future data exchange among APEC Economies.**
- ❖ **Collaboration with other forums related to international standard, data harmonization and best practices is recommended.**



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