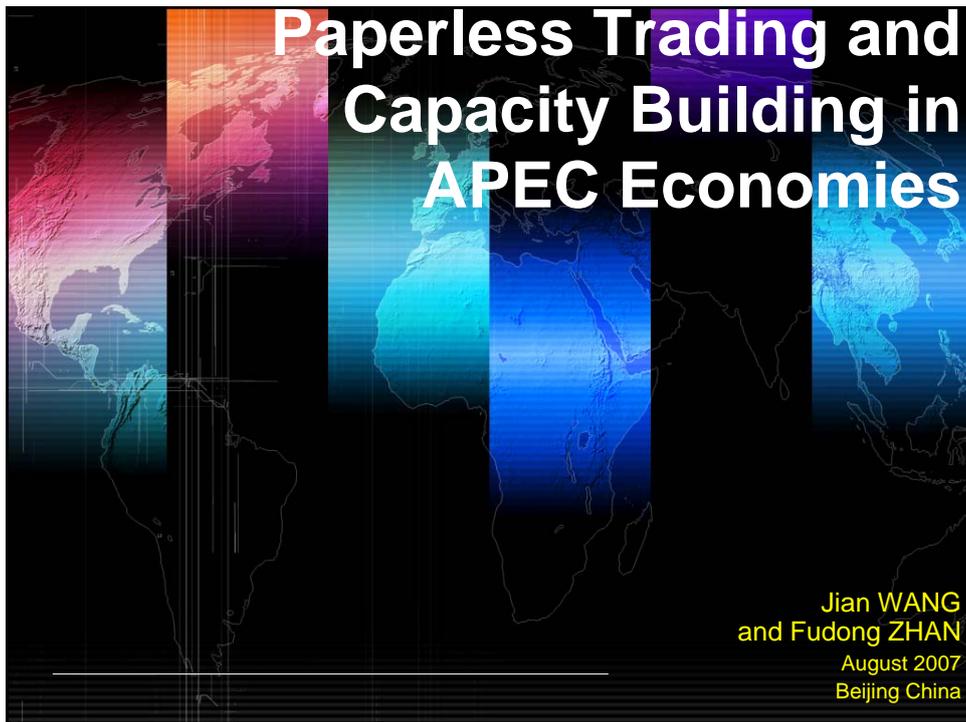




**APEC Symposium On Paperless Trading Capacity
Building And Intellectual Property Protection
People's Republic of China
September 2007**

Paper



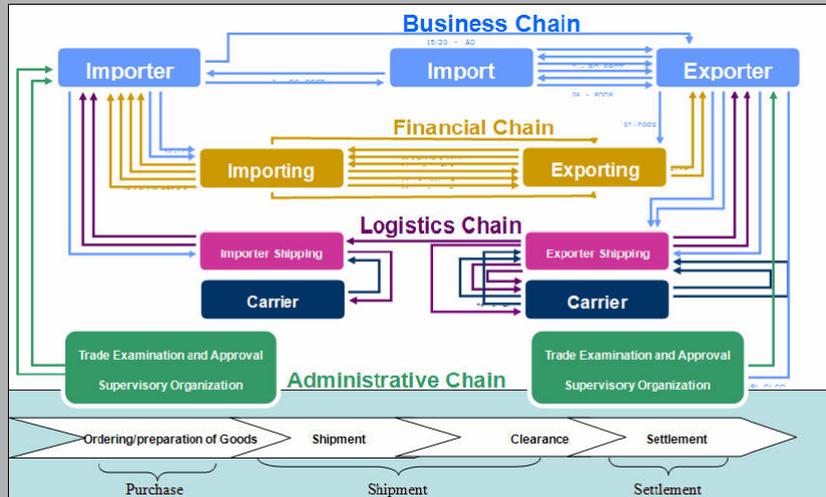
Background

- 21 members, 50% of global trade volume in APEC region

- APEC Blueprint for Action on E-commerce-1998
 - By 2005 paperless trading for developed countries
 - By 2010 paperless trading for developing countries

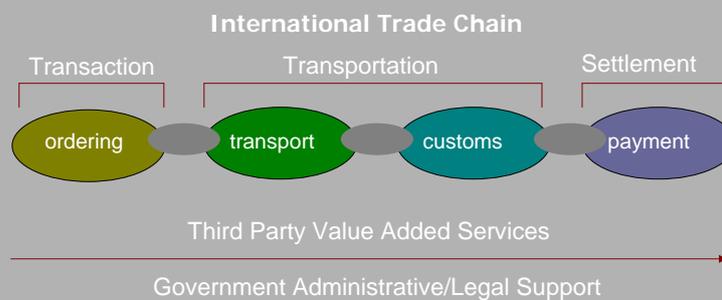
- APEC Trade Facilitation Action Plan-2002
 - Business transaction cost reduction by 5% 2006
 - Single-window system to cover all import and export related procedures

Chain of International Trade



Paperless Trading Concept

- Paperless trading is the IT application in international trade practice and management

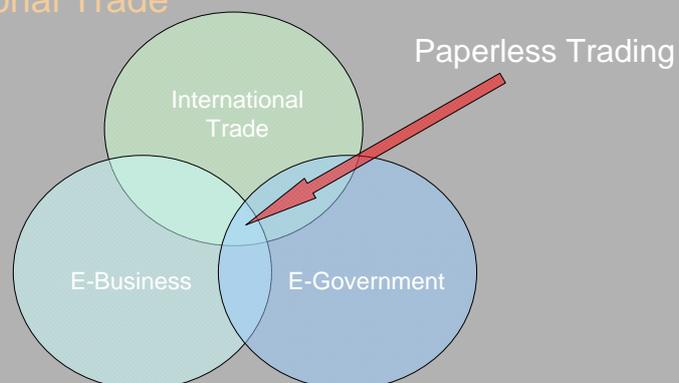


Paperless Trading Concept

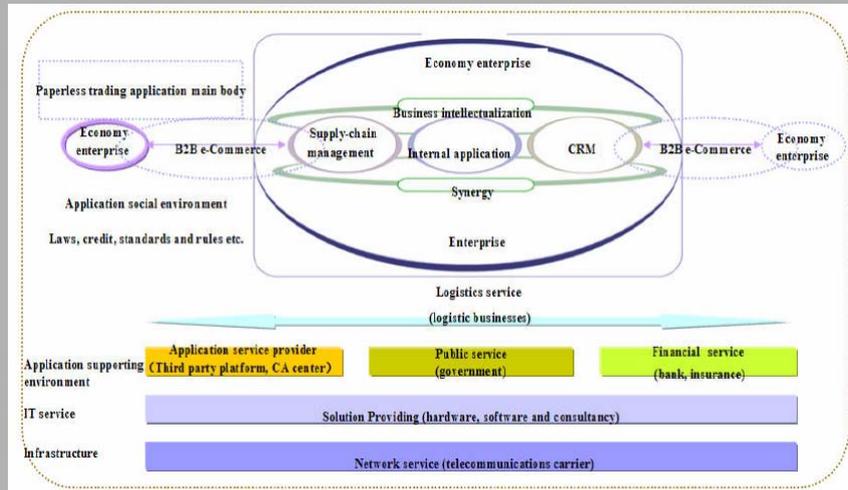
It does not only include commercial data exchange, but also involves trade processes by electronic means related to services provided by e-Government and Value-added Networks.

Paperless Trading Relationship

- An overlap of EC and EG in the process of International Trade



Ecological Environment of APEC Paperless Trading



The Goal of Implementing Paperless Trading

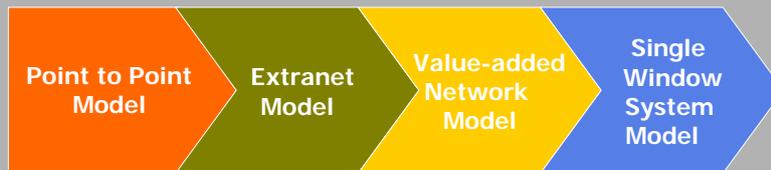
Single Window System

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.

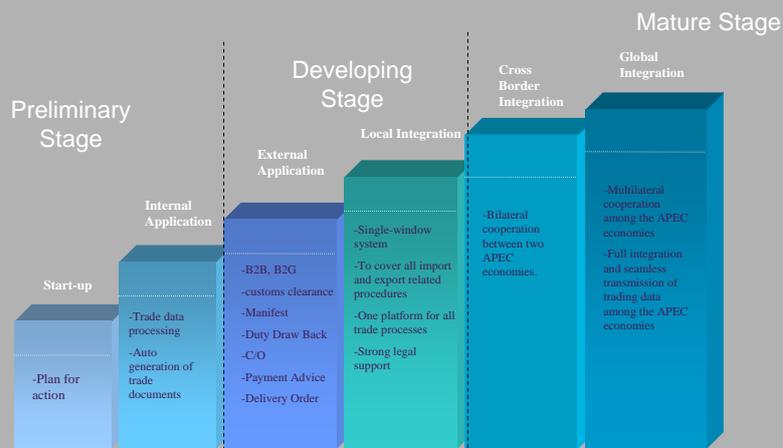
(Source: UN/CEFACT)

Streamlining Trade Process- towards single window system

International Trade Process
Change and reengineering

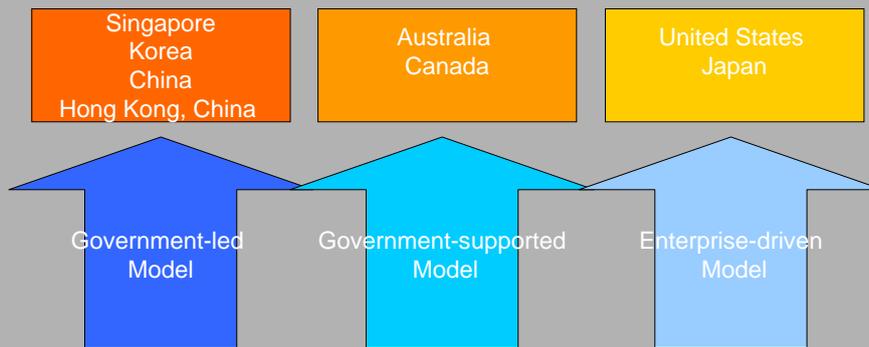


Paperless Trade Adoption Stage Theory- towards global integration



Pathways to Successful Implementation of Paperless Trading

Development Models



Measure the Development of Paperless Trading among APEC

Two dimensions of integration

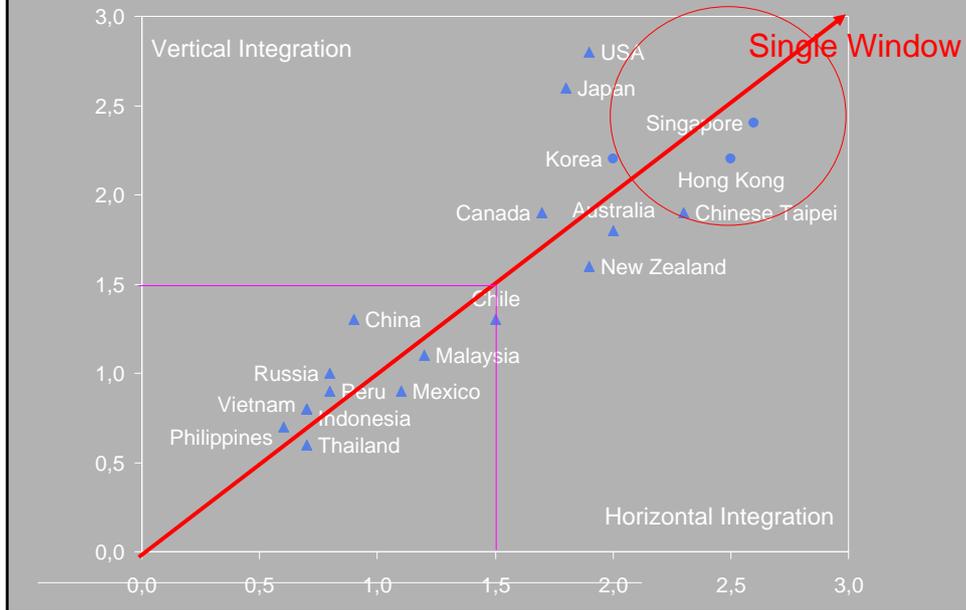
Vertical Integration: Collaboration

trade process and management
innovation within the industry
and this is moving towards
supply chain integration

Horizontal Integration: Coverage

trade data flows across functions and beyond border
and this is moving towards global integration

Mapping the Development



What are the latest developments?

APEC Project 2007

Paperless Trading Capacity Building and Intellectual Property Protection

Government's Role in Promoting Paperless Trading

- Mid-and-long-term Development Strategy for 2010 E-commerce (*Korea*)
 - The E-trading Regulations (*Hong Kong, China*)
 - 2006-2010 plan for e-commerce development (*Viet Nam*)
 - Uses Government E-procurement to Steer Paperless trading (*Russian*)
-

Legal Environment of Paperless Trading

- The E-commerce Promotion Law (*Korea*)
 - The Uniform E-trading Law (*U.S.*)
 - The Electronic-signature Law for International and Domestic Business (*U.S.*)
 - The E- signature Law (*China*)
-

The Development of E-Trade Standard

- *UN/EDIFACT*
 - *Open XML*
-

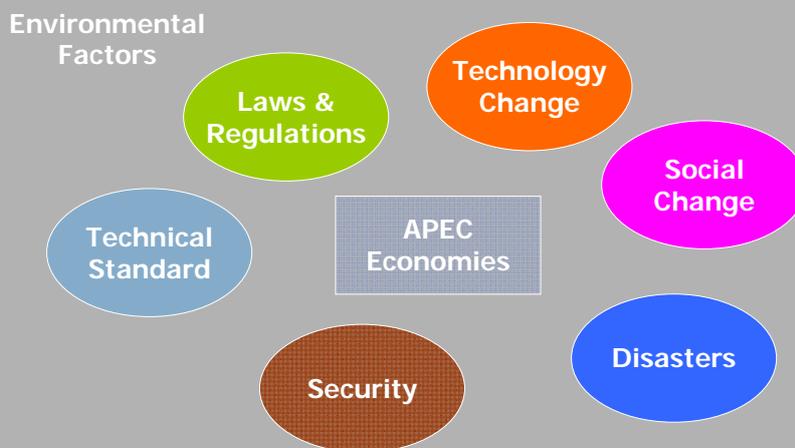
Technology Upgrading of E-Trade Application

- *POSCO (Korea)*
 - *Nippon Steel (Japan)*
 - *“Customs 2000” plan (Canada)*
 - *DDTN (Hong Kong, China)*
 - *CIEEC (China)*
 - *ISIDORA (Chile)*
 - *POETNET (Singapore)*
-

Capacity Building in Paperless Trade?

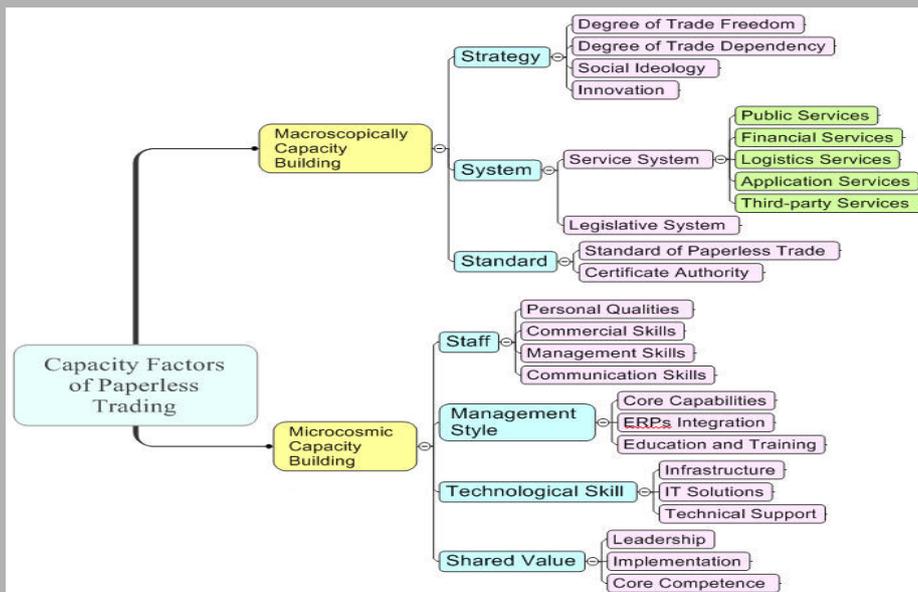
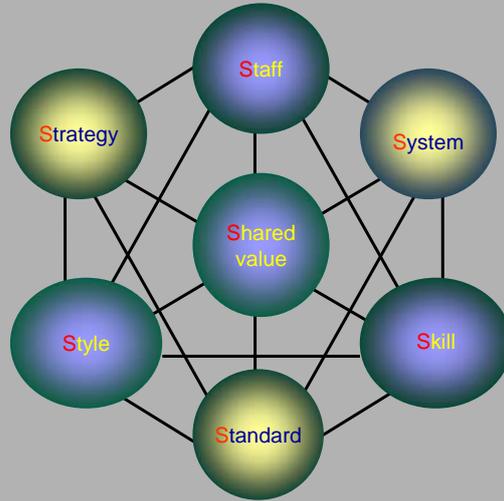


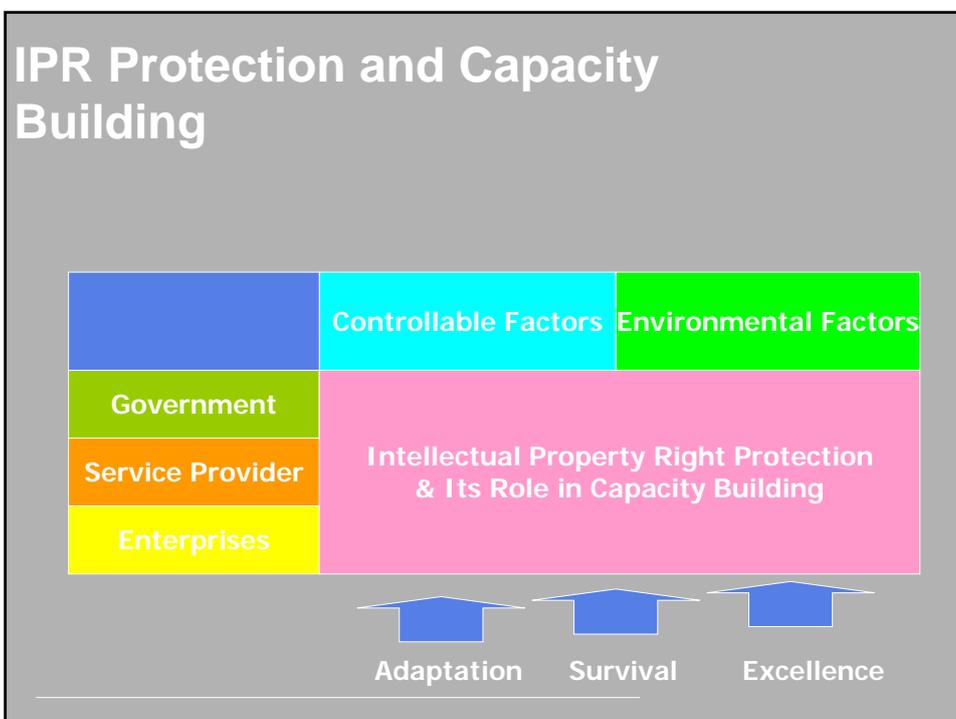
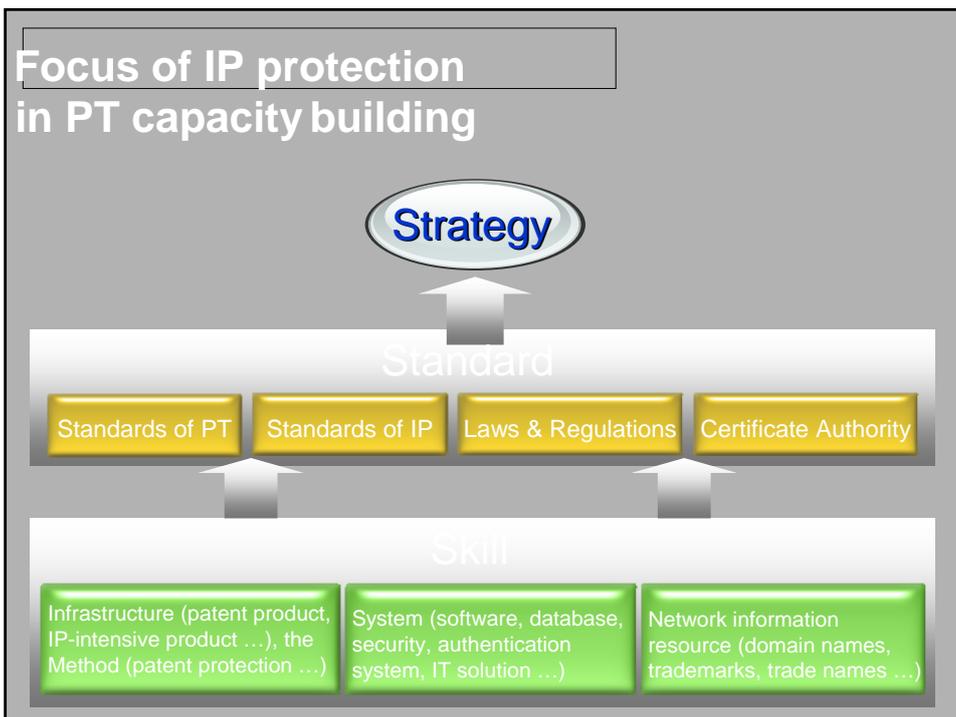
Capacity Building in Paperless Trade?



Capacity Building at Implementation Level

7S Model





Thanks

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