# APEC Symposium on ebXML for Internet Paperless Trading and Collaborative e-Business

**July 21-23, 2004**
**Bangkok, Thailand**

**APEC Electronic Commerce Steering Group (ECSG)**

**APEC Telecommunication and Information Working Group**

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**Symposium Program**
**As of July 19, 2004**

**APEC Symposium on ebXML for**
**Internet Paperless Trading and Collaborative e-Business**

**July 21-23, 2004, Thailand**

**Day 1: July 21, 2004**

8.30 – 9.00          Registration

                     **Opening Ceremony**

9.00 – 9.10          Welcoming Remarks and Keynote Address
                        His Excellency Dr. Surapong Suebwonglee
                        Minister of Information and Communication Technology, Thailand

9.10 – 9.20          Introductory Remarks
                        Mr. Karun Kittisataporn
                        Permanent Secretary, Ministry of Commerce, Thailand

9.20 – 9.30          Introductory Remarks
                        Khunying  Dhipavadee Meksawan
                        Permanent Secretary, Ministry of Information and Communication
                        Technology, Thailand

                     **Session I: Introductory Session – Economic Impacts and**
                     **Challenges Ahead**

                     **Session Chair: Skol Harnsuthivarin**
                                **Vice Chair, APEC Electronic Commerce Steering Group**
                                **Chair, APEC ECSG Paperless Trading Subgroup**
                                **Inspector General, Ministry of Commerce**

                     **This session aims to provide an overview discussion on APEC paperless**
                     **trading initiatives and goals in trade facilitation and border integrity.**

                     **Why should economies implement paperless trading through the**
                     **development of a single-window system that covers all import and export-**
                     **related procedures?  What are challenges and risks ahead?  How can an**
                     **environment for domestic and cross-border paperless trading be realized**
                     **through the establishment of an interoperable framework for transmitting**
                     **information and streamlining processes in trade administration, customs**
                     **clearance, financial settlement and international transportation?**

9.30 – 9:55          Current APEC Initiatives on Internet Paperless Trading -
                     Benefits and Challenges
                        Bruce Bennett
                        Program Director, APEC Secretariat

9:55 – 10.20         Establishment of Interoperability and Standardization for Implementing Domestic
                     and Cross-Border Paperless Trading
                        Hisanao Sugamata
                        Research Director, Electronic Commerce Promotion Council of Japan
                        Chairman, ebXML Asia Committee

10:20 – 10:40        Refreshment

**Session II: Strategies in Establishing A Single Window and Integrated System**

**Session Chair: Bruce Bennett**
                **Program Director, APEC Secretariat**

**This session aims to discuss strategic issues and approaches in implementing a web-based single-window electronic access mechanism and integrated environment for balancing and optimizing border security and trade facilitation, including customs clearance, trade administration, financial settlements and international transportation.**

**What are critical success factors and how can we deal with them, e.g. approaches for cooperation and coordination among relevant government agencies and public-private partnership, challenges in a general lack of single authorities within economies that coordinate paperless uptake, and the importance of business strategies and IT alignment with the concept of enterprise architecture and incremental built?**

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| 10:40 – 11:05 | ACE: An Integrated Environment for Balancing Trade Efficiency and Border Security<br>    Charles R. Armstrong<br>    Assistant Commissioner and Chief Information Officer for U.S.<br>    Customs and Border Protection's Office of Information and Technology |
| 11:05 – 11.30 | Trends in the Development of An Integrated Single Window System for e-Logistics<br>    Dr. Chong Yoke Sin<br>    Chief Operating Officer, NCS Pte., Singapore |
| 11.30 – 11.45 | Experience Sharing and Discussion -  Paperless Trading in China<br>    Ma Jianchun<br>    Director, Department of E-Commerce, Ministry of Commerce, P.R. China |
| 11.45 – 12.00 | Q&A, and Panel Discussion – also by member economies |
| 12.00 – 13.00 | Lunch |

**Session III: Towards A Single Window System among Economies for Customs and Cargo Management**

**Session Chair:  Siti Aminah Abdullah**
                  **Deputy Director, Royal Customs Department**

**This session aims to share experience and discuss implementation issues on paperless customs administration, electronic cargo and port manifest.  Is it possible to propose new APEC pathfinders for cross-border electronic transmission of customs clearance data for express consignment based on WCO common data model, followed by further initiatives for air cargos and ocean-going cargos?**

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|---|---|
| 13.00 – 13.25 | A Single Window System for Trade and Port Related Procedures in Japan<br>    Shunpei Nakagaki<br>    Manager, e-Japan Strategic Promotion Division, NEC Corporation |
| 13.25 – 13.50 | Thailand e-Customs and ASEAN Single Window Initiative<br>    Ubon Chuensupanrat<br>    Deputy Director General, Royal Thai Customs, Ministry of Finance |
| 13.50 – 14.15 | Chinese Taipei's Experience in Developing and Adopting ebXML |

Towards e-Logistics
　Frank Lin
　President, GCOM Information Service Co., Ltd., Chinese Taipei

14.15 – 14.25　　Discussion: Single Window System from Importer's/Exporter's Perspectives
　Tadahiko Mori
　Executive Officer of Logistics Division, Minebea Co., Ltd.

14.25 – 14.40　　Q&A, and Panel Discussion – also by member economies

14.40 – 15.00　　Refreshment

**Session IV: APEC Paperless Trading Pathfinder Initiatives**

**Session Chair: Songchai Saisavetvari**
　　　**Deputy Director General,**
　　　**Department of Export Promotion,**
　　　**Ministry of Commerce**

**This session intends to discuss approaches for ensuring the implementation of existing APEC pathfinders, including suggestions on overall and integrated roadmaps for implementing pilot programs and capacity building activities.**

**Are there any benefits in terms of transmitting and processing sets of data, especially as XML messages, rather than converting paper documents to an electronic format? How can APEC formally coordinate with UN/CEFACT for the purpose of creating and ratifying the message standards of E-Cert and ECO initiative? How can we overcome the barriers to the adoption of E-Cert and ECO Pathfinders by member economies? How can we encourage all economies to participate in paperless pathfinder initiatives?**

15.00 – 15.25　　Electronic Sanitary and Phyto-Sanitary Certificates (e-Cert): Benefits and Challenges for Networking among APEC Member Economies
　Ashley Mudford
　E-Cert Project Manager, New Zealand Food Safety Authority (NZFSA)

15:25 – 15:50　　A Roadmap Towards Cross-Border Electronic Certificate of Origin (ECO)
　Kenneth Lim
　Chairman, AFACT Steering Committee

15.50 – 16:15　　UN/CEFACT Contribution and Collaboration in Establishing A Single Window
　Jean E. Kubler
　Acting Chief, Global Trade Solutions Branch, Trade Development and Timber Division, United Nations ECE, UN/CEFACT

16.15 – 16.45　　Q&A, and Panel Discussion – also by member economies

18.30 – 20:30　　**Symposium Reception**

**Day 2: July 22, 2004**
　　　**Session V: Interoperability Framework and Enterprise Architecture**
　　　　**for Aligning  Paperless Trading Initiative**

**Session Chair: Manoo Ordeedolchest**
　　　**Director, Software Industry Promotion Agency**
　　　**Thailand**

**This session aims to share experience and discuss approaches in establishing, maintaining and promoting standards, interoperability**

**framework and enterprise architectures to serve as a roadmap for business strategy and IT alignment towards paperless trading and collaborative e-business initiatives.**

**How can APEC establish a coordination mechanism with other international standard organizations, such as UN/CEFACT, to intensify information exchange and experience sharing? Member economies will share experience on how an open and nonproprietary XML-based B2B infrastructure, namely ebXML, is being adopted. ebXML is a B2B interoperability framework developed by OASIS and UN/CEFACT. An initial set of ebXML specifications such as reliable and secure messaging protocol, has already been accepted as ISO/DTS 15000 standard. What are the implications of this framework for APEC paperless trading initiatives?**

9.00 – 9.25    Global Blueprint for Interoperability at the Business Layer
     Klaus-Dieter Naujok
     Chief Executive Officer and President, Global e-Business Advisory
     Council
     UN/CEFACT Techniques & Methodologies Group (TMG) Chair
     Former ebXML Chair

9.25 – 9.50    Interoperability Framework and Standards in Hong Kong
     Dr. David Cheung
     Director, Center for E-Commerce Infrastructure Development,
     Hong Kong

9.50 – 10.15   ebXML Adoption for Paperless Trading and Business Collaboration
     in Korea
     Jasmine Jang
     Head of EC Standard Team, Korea Institute for Electronic Commerce

10.15 – 10.40   Q&A, and Panel Discussion – also by member economies

10.40 – 11.00   Refreshment

**Session VI: International Standardization on Message Exchanges,
     and Business Process and Information Modeling**

**Session Chair: Manoo Ordeedolchest
          Director, Software Industry Promotion Agency
          Thailand**

**This session will discuss the keys to global e-business interoperability based on the standardization of legally binding business documents, and business processes. How does the standardization of XML business documents fulfill reasonable goals of paperless trading and B2B e-business? The importance and methodology for standardizing business process and information models will be discussed.**

11.00 – 11.25   Standardization on Business Process and Information Model
     Hisanao Sugamata

     Chairman, ebXML Asia Committee

12.25 – 13.50   Using the Universal Business Language for Internet Paperless Trading
12:20 – 13:30   Tim McGrath
     Lunch
     Chair of the Library Content Subcommittee, UBL Technical Committee,
**Session VII: Continued Presentation and Discussion on National**
     OASIS UBL **Infrastructure and Standards for Secure and
          Collaborative e-Business**
11.50 – 12.20   Q&A, and Panel Discussion – also by member economies
**Session Chair: Tim McGrath**

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13.30 – 13.55    Singapore e-Business Standard Project
　　　　　　　　　Tan Jin Soon
　　　　　　　　　Chairman, ITSC Automatic Data Capture Technical Committee
　　　　　　　　　IT Standard Committee, Singapore

13.55 – 14.20    Korea e-Trade System: Strategy and Architecture
　　　　　　　　　Chaemee Kim
　　　　　　　　　Global e-Trade Solution Lead, KTNET

14.20 – 14.45    B2B Interoperability Framework in Australia: Benefits to SMEs
　　　　　　　　　Steve Capell
　　　　　　　　　Director e-Business Strategy, Red Wahoo, Australia

14.45 – 15.15    Q&A, and Panel Discussion – also by member economies

15.15 – 15.30    Refreshment


**Session VIII: Secure Cross Border Electronic Transaction and
　　　　　　　　PKI Interoperability**

**Session Chair: Tim McGrath
　　　　　　　　Chair of the Library Content Subcommittee,
　　　　　　　　UBL Technical Committee, OASIS UBL**

**How can APEC overcome problems of infringements on cyber security, data
integrity and transaction fraud?**

15.30 – 15.55    National PKI/CA Framework for Secure Electronic Transaction
　　　　　　　　　Dr. Thaweesak Koanantakool
　　　　　　　　　Director, National  Electronic and Computer Technology Center,
　　　　　　　　　Ministry of Science and Technology, Thailand

15.55 – 16.20    PKI Cross Border Interoperability: Pan-Asian E-Commerce Alliance (PAA) Mutual
　　　　　　　　Recognition Scheme
　　　　　　　　　Andrew Cheng
　　　　　　　　　Digi-Sign's Chief Executive Officer,
　　　　　　　　　Tradelink Electronic Commerce Limited

16.20 – 16.30    Discussion: Banker's Perspectives and National Payment Infrastructure
　　　　　　　　　Vilawan Vanadurongvan
　　　　　　　　　Executive Vice President,  e-Channels and Business Enhancement
　　　　　　　　　Division, Bank of Asia
　　　　　　　　　Thailand e-Transaction Committee

16.30 – 16.50    Q&A, and Panel Discussion – also by member economies

**Day 3: July 23, 2004**
　　　　　　　　**Session IX:  Continued Presentation and Discussion on National
　　　　　　　　　　　　　　Infrastructure and Standards for Secure and
　　　　　　　　　　　　　　Collaborative e-Business**

　　　　　　　　**Session Chair: Charles R. Armstrong
　　　　　　　　　　　　　　Acting Assistant Commissioner and Chief Information
　　　　　　　　　　　　　　Officer
　　　　　　　　　　　　　　U.S. Customs and Border Protection's Office of
　　　　　　　　　　　　　　Information and Technology**

**Secure and Reliable Exchanges of Electronic Services and Messages**

9.00 – 9.25     Balancing and optimizing trade facilitation and border integrity
                  Jeremy Andrulis
                  IBM Institute of Business Value

9.25 – 9.50     Thailand's Approach Towards Internet Paperless Trading
                  Dr. Somnuk Keretho
                  Director, Institute for Innovative Information Technology
                  Kasetsart University

9.50 – 10.15    Towards Adoption of ebXML in Royal Customs Malaysia
                  Siti Aminah Abdullah
                  Deputy Director, Royal Customs Department, Malaysia

10.15 – 10.30   Q&A, and Panel Discussion – also by member economies

10.30 – 11.00   Refreshment

                **Session X:  APEC Strategies and Actions Towards a Cross-Border
                            Paperless Trading**

                **Session Chair:   Dr. Somnuk Keretho
                            Director, Institute for Innovative Information
                            Technology, Kasetsart University**

                **An overall strategy, guideline, or roadmap for APEC to push forward the
                goals of paperless trading will be summarized, proposed and discussed,
                especially on the issues related to single window systems, establishment of
                open platform and interoperability frameworks.  The discussion aims to
                propose further strategies and actions for common data models, message
                standards, a platform for message exchange, e-services and business
                processes, collaboration with other international standard organizations and
                public-private partnership for paperless trading.**

11.00 – 11.45   The Roadmap Towards Cross-Border Internet Paperless Trading
                  Nana Wang
                  Director of Information Center, Bureau of Foreign Trade, Chinese Taipei

                Transparency in e-Commerce
                  Natalia A. Makarycheva
                  Director of International Project Department, Russian Information
                  Technology Association
                  Andrey Masalovich
                  Member of the Board,  Russian Information Technology Association

11.45 – 12.15   Recommendations by Participants

12.15 – 12.30   **Concluding Remarks**
                  Skol Harnsuthivarin
                  Chair, APEC ECSG Paperless Trading Sub Working Group
                  Vice Chair, APEC E-Commerce Steering Group (ECSG)
                  Inspector General, Ministry of Commerce, Thailand