Chinese Taipei Progress Report 2008

Taipei EC/EDI Committee

October 15, 2008

AGENDA

- ❏ **General Condition Update**

- ❏ **Standards Development**

- ❏ **e-Application Project Updates**
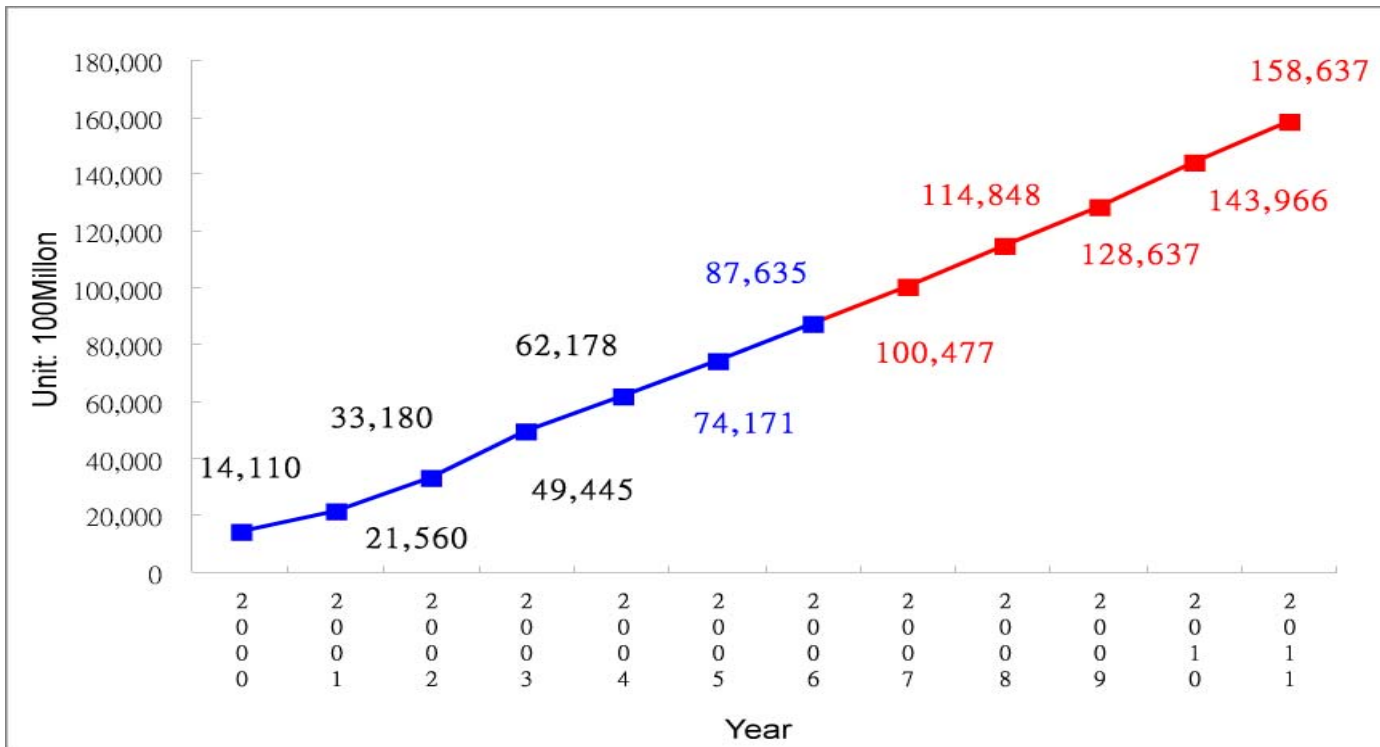
Rankings in International Evaluations

Chinese Taipei's Rankings in International Evaluations

Index	Source	The Ranking of Chinese Taipei
e-Government	Brown University (2007)	3
World Competitiveness	IMD (2007)	13
Growth Competitiveness Index (GCI)	WEF(2007 – 2008)	14
Networked Readiness Index (NRI)	WEF(2007 – 2008)	17
e-Readiness	EIU (2007)	19
Information Society Index (ISI)	IDC (2006)	20

Status of e-Commerce

1. B2B e-Commerce Market

The market size of domestic B2B e-Commerce reached NT$8.764 trillion (approximately equal to USD2,738 billion) in 2006.
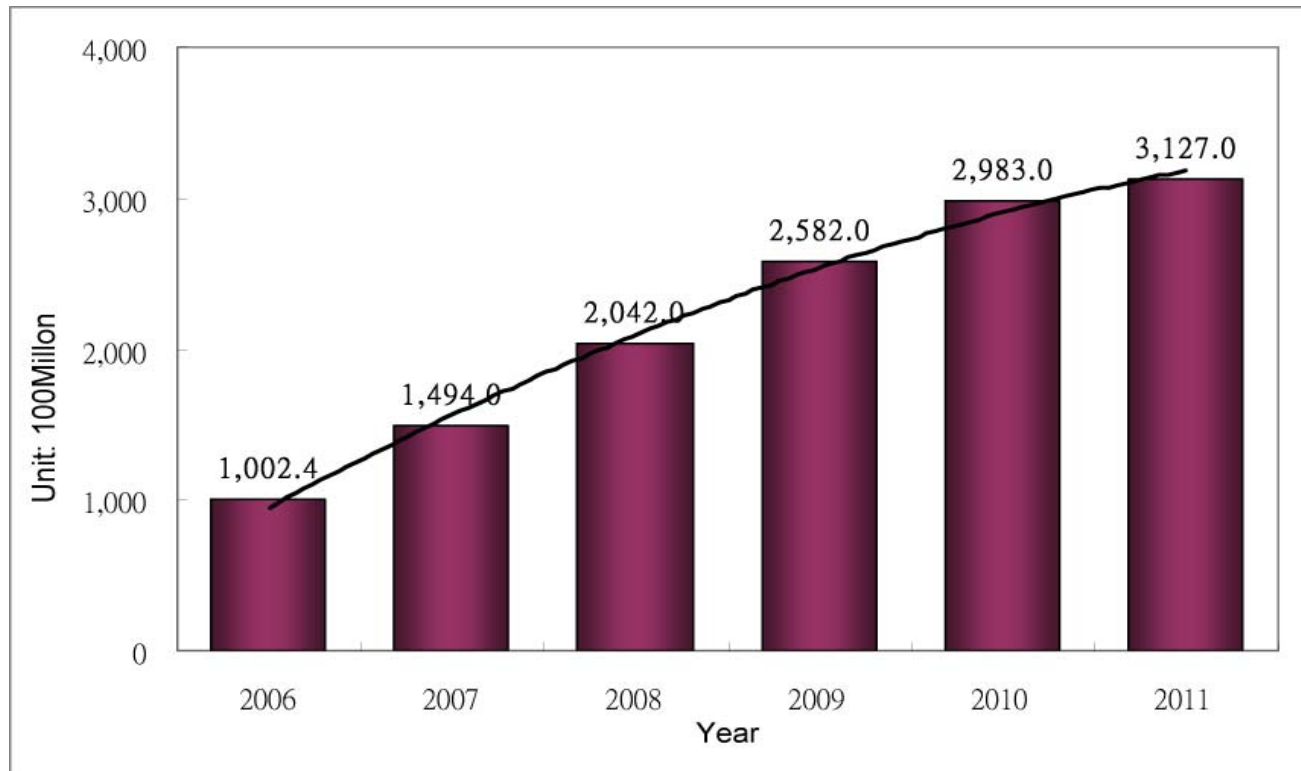

Source: MOEA Department of Commerce, "EC Legislation & Infrastructure Building-up Project;" 2007

Projected Size of B2B e-Commerce Markets 2006- 2011

Status of e-Commerce

2. B2C Online Shopping Market

The market size of domestic B2C online shopping reached NT$ 100.24 billion (approximately equal to USD 3.13 billion) in 2006.

Source: MOEA Department of Commerce, "EC Legislation & Infrastructure Building-up Project;" 2007

2006 – 2011 Chinese Taipei Online Shopping Market Size

e-Infrastructure / e-Life/ e-Usage

1. e-Infrastructure

Up to June 2007, the number of Chinese Taipei's Internet users exceeded 14 million, making for a penetration rate of more than 60%.

2. e-Life

Some 50% in Chinese Taipei's large enterprises had introduced e-learning technologies In 2007. By the end of August 2007, digital TV transmission services were available to 16.41 million people in Chinese Taipei , reaching 71.8% of the island's total population.

3. e-Usage

➢ **Mobile phone subscribers-**

The number of mobile Internet subscribers has amounted to 23.25 million by the end of 2006.

➢ **Households Online-**

79% of households in Chinese Taipei have access to the Internet In addition, the Online Households rate was 96% of using broadband internet connections in 2007.

Standards Development

1. e-Health care Services

2007 for completion of two drafts of the situation in Chinese Taipei HL7/XML, health inspection reports message exchange standards on standardized specifications and health inspection reports CDA R2 Guidelines for the implementation.

2. e-Environmental

Development" Water Quality Data Exchange System" (WQDES)

The purpose of this system is to provide a platform for water quality data exchange, integration, and sharing in Chinese Taipei. WQDES adopted XML as a standard for water quality data exchange among different agencies and implemented a number of software toolkits that can assist each agency to transform their data to a XML file, making the data exchange more efficiently.

3. e- Logistics

The Department of Commerce has developed 59 XML standard documents for logistics operations, fully complying with UN/CEFACT ebXML, UMM, CCTS and NDR specifications. Up to 2007, the standard documents have been adopted by 2,616 LSPs.

AFACT

1. **The Manufacture Working Group**
   -"e-Business standards implementation project for machinery industry, 2003~2006" was organized by the Precision Machinery Research & Development Center (PMC).
   -Set up 28 machinery industry e-Business standards and 220 suppliers were invited to use peer-to-peer TAMIvas turnkey solutions.

2. **The Commerce Working Group**
   -The "Sectors of Electronic Commercial Promotion Plan" provided consultation to 24 enterprises in distribution services industry and 5,441 enterprises applied B2B e-business solution in 2007.
   -Department of Commerce supported 13e-logistics projects, including 5 logistics alliances,4 niche logistics services, and 4 public e-logistics hubs. Totally 877 LSPs and 504 enterprises have joined theses e-logistics hubs in 2007.

3. The Environment Working Group

In order to integrate various environmental information into Taiwan Environmental Data Warehouse (TENDW), The TENDW system exchanges data through the usage of Web Services technology, XML file, with 25 different information systems which are mentioned above, to make the exchange process easier and more reliable.

4. The Transportation Working Group

"Maritime Transport Network (MTNet)" -"in 2007

-"Payment and-eInvoice system" offers users are able to complete payment operation in a single application entry point.
- "E-Delivery-Order System" completes its pilot run in 2007
-"Port Access Passes system" offers users applying for ports of Keelung, Taichung, Kaohsiung and Hualien long or short-term access passes in 2007.

AFACT

5. The Customs Working Group

-a Web-based e-payment system has set up to provide diversified, convenient, and 24/7 payment services for duty payers. this channel reached NT 6.3 billion dollars by June 2008.

-In January 2008, was established a mobile clearance service platform , which enables customs officers who work out of the office to access customs internal system and receive crucial messages automatically through the 3G/3.5G communication network by using the mobile devices like PDAs and notebooks.

6. The Finance Working Group

-There are currently 27 financial organizations,more than 8,000 clients subscribing financial services through EDI.

-In 2007, cross-bank transactions through Financial EDI reached 3,012,961 deals in total, the total amount of money was 91,145 million US dollars and the average amount per deal was USD 30,300.

7.The Health Working Group

The "Project of Establishing a Patient-First Environment for Electronic Medical Record Exchange" in 2007 included the following tasks:
 - Publicly recruiting 10 medical centers,
 - Planning for the amendment and formulation of laws and regulations about electronic medical record exchange between hospitals.
 - Holding training courses for technical personnel of electronic medical records.

8.The Construction and Planning Group

 The Public Construction Information Project of achievements in 2007
 -has stipulated 47 sets of XML-based information exchange standards
 - cover mainly 2 categories – government procurement and construction management.
 - 61 engineering terms were added to the Public Construction Data Dictionary accumulating the total number of definitions to 1,060.
 -extend exchange standards for engineering daily report, guidance was provided to a total of 118 units

The End