

Current landscape of ICT (2)

- **Expanding Broadband Network rapidly**

- Super high speed fiber connection & new high speed wireless connections (LTE)

- **Analyzing Big data**

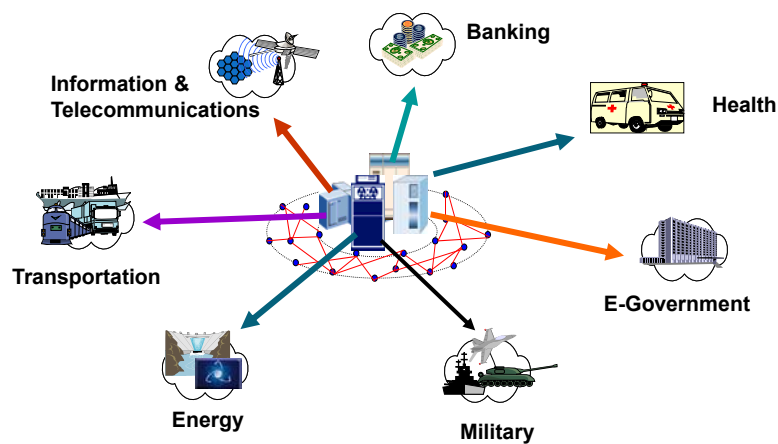
- Data sets collected, stored or processed are increasing for various reason

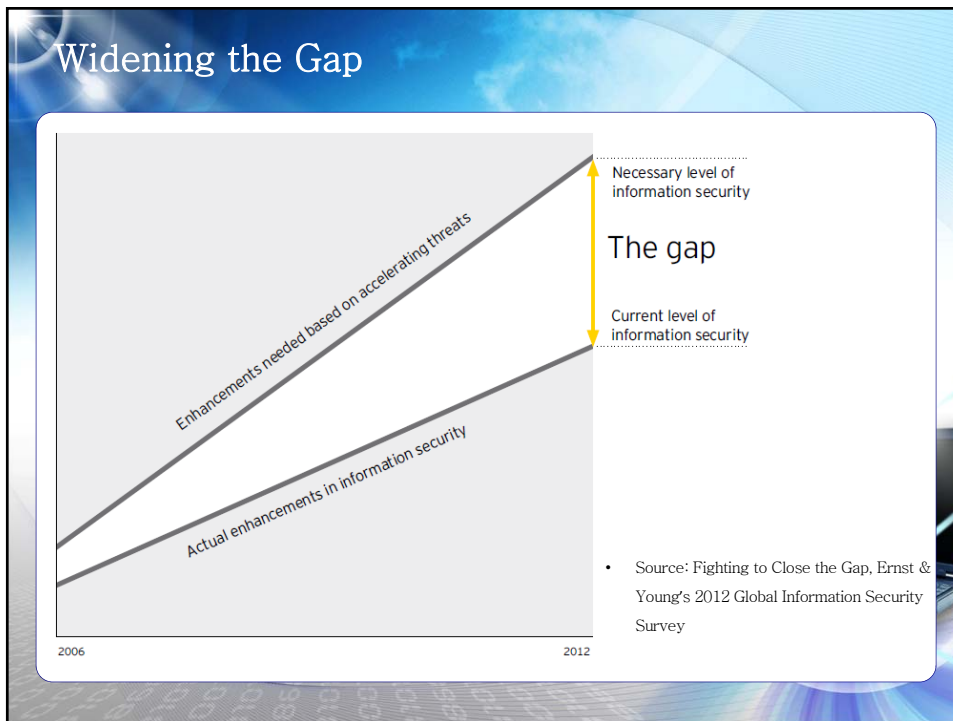
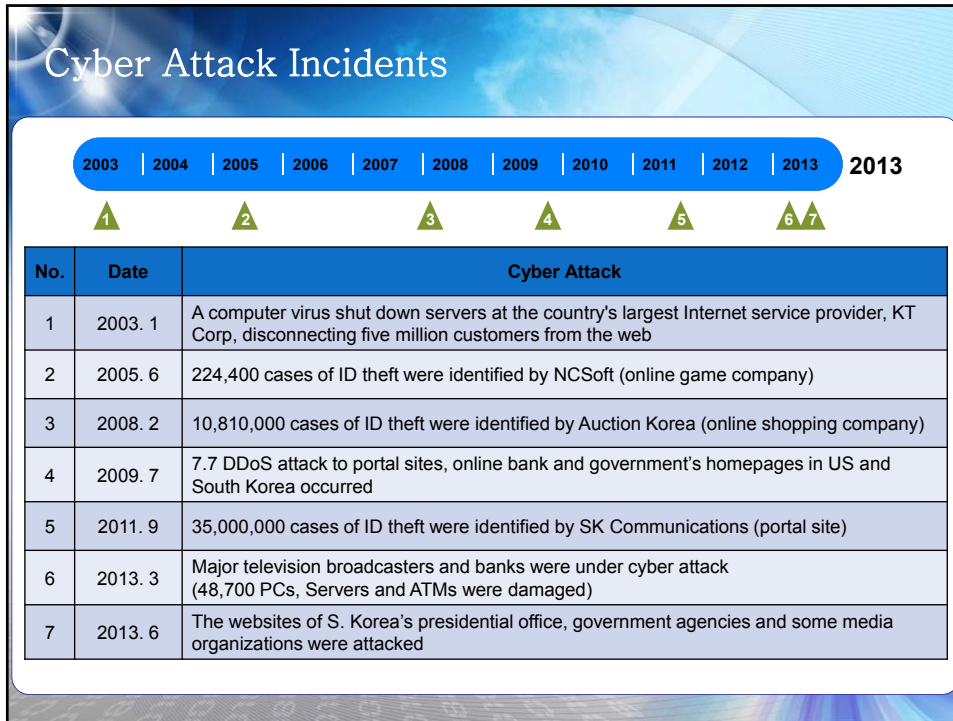
- **Threatening Security**

- Malware, DDoS attacks, other incidents are compromising C I A of information security

➔ **Reliable, trustworthy and safe cyberspace is crucial !**

Attacks against CIIs







Capa Buid Practices for Developing Countries

ICT Training Courses (KISA Program)

- ▶ KISA : Korea Internet & Security Agency
- Purpose
 - ▶ To invite policy makers and public officials in the area of ICT in developing countries for cooperation with Korean ICT businesses
 - ▶ To share ICT policies and Korea's ICT development knowledge
- Programs
 - ▶ High-level official course: focusing on ICT policy
 - ▶ Intensive course: 2 weeks, focusing on one specific subject
 - ▶ Youth ICT course: offered to international students in Korea
 - ▶ 4,386 participants, 148 countries(from 1998 to 2012)

Capa Buid Practices for Developing Countries

Recent Knowledge sharing Programes

● Rwanda



- MoU with Rwanda Gov.(RDB) on Information Security(July 2011)
- Rwandan President Visit to KISA Situation Room(December 2011)
- Projects on CERT, SOC, PKI and training program under way

● Costa Rica



- Cybersecurity workshop(Jan 2013)
 - √ KISA delegation & Ministry of Science and Technology of Costa Rica
 - √ Internet incident response, information security policy, cyber crime, COP, etc.

Capa Buid Practices for Developing Countries

Recent Knowledge sharing Programes

● Bangladesh



- MoU between KISA & BCC(Bangladesh Computer Council)(May 2013)
 - √ Cybersecurity Masterplan, SOC, GPKI and IS laws & institution, etc.
- KISA & BCC Information security Seminar(May 2013)

● Uganda & Kenya



- MoU between KISA & NITA-U(National Information Technology of Uganda)
 - √ Information security policy & legal system, PKI, CERT, etc.
- World Bank-KISA-NITA-U Cybersecurity workshop(July 2013)
- World Bank-KISA-Kenya ICT Board Cybersecurity Workshop(July 2013)



About Seoul Conference on Cyberspace 2013

WHEN? 17-18 October 2013

WHERE? COEX, Gangnam, Seoul, Republic of Korea

WHO? About 800 attendees from 90 countries

Main Theme
Global Prosperity through an **Open** and **Secure Cyberspace**
-Opportunities, Threats and Cooperation-

A slide with a blue and white background featuring a sky with clouds and a grid of binary code at the bottom. A circular inset on the left shows a hand pointing at a computer monitor. Three blue arrow-shaped boxes contain the event details. The main theme is highlighted in yellow and blue text.

Conference Agendas

- A Economic Growth and Development**
- B Social and Cultural Benefits**
- C Cyber Security**
- D International Security**
- E Cyber Crime**

+

- F Capacity Building**

What to do in Seoul Conference

- **Greater Diversification**
 - ✓ of participating countries to offer an equal opportunity for developing countries to take part in discussion
- **Enhancing Awareness**
 - ✓ of cyber issues to build capacity for developing countries
- **Strengthening Public-Private Partnership**
 - ✓ by offering the private sector the opportunity to participate in the conference and pre-workshops
- **Stock-taking**
 - ✓ from exiting discussions
- **Presenting Practical Results**
 - ✓ by sharing best practices in the areas of cybercrime, cyber security and capacity building

Side Events in Seoul Conference

Stockholm, Sweden	22-23 May	Economic Development
Budapest, Hungary	6-7 June	Cyber Security
Seoul, Republic of Korea	10-11 July	International Security
United States	11-12 Sep	Capacity Building

Pre-Workshops

2 September | Yonsei University |
Global essay contest, lecture and discussion of cyberspace issues

Youth Forum

Venue: **COEX, Gangnam, Seoul**
Date: **During SeoulCyber2013 (17-18 October)**
Contents: **Exhibitions on Cyber Security and Smart Devices**

ICT Exhibition



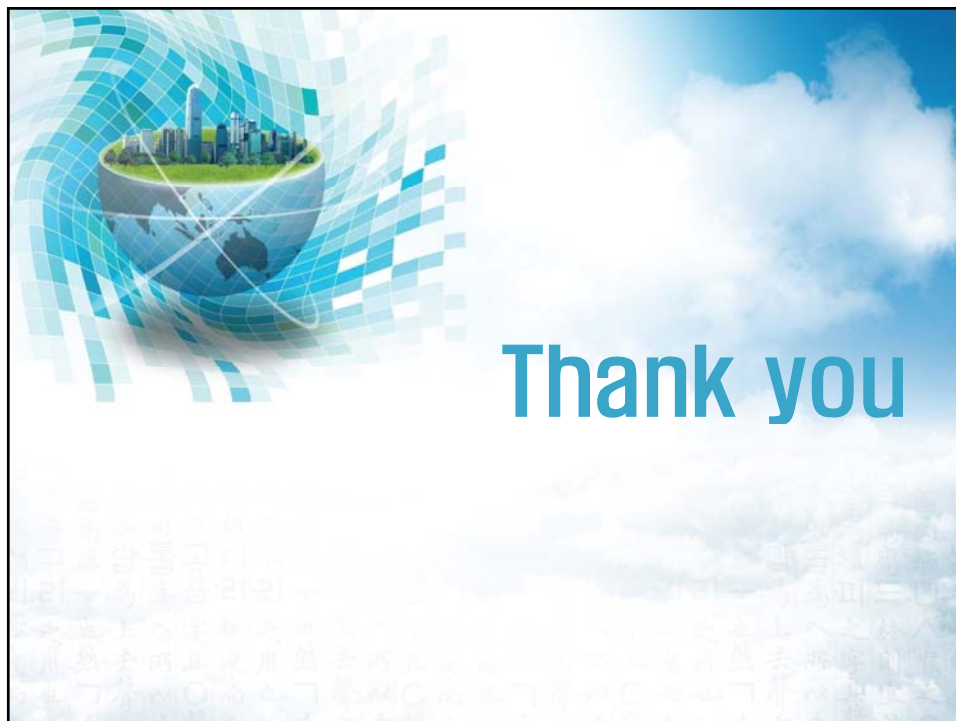
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IV. Conclusion



Considerations for IS Capacity Building

- **IS Capacity Building Master plan**
 - √ To explore Best Practices
 - √ To provide Diagnosis for existing IS capacity
 - √ To set up New plan based on the Diagnosis
- **IS Education system**
 - √ To major IS in universities and graduate schools
 - √ To make IS certification program
 - √ To give Incentives for IS education institutes
- **Partnership with donors**
 - √ World Bank, IDB, OAS, OECD, ITU etc.
- **Strong Leadership**



Thank you