



**Asia-Pacific  
Economic Cooperation**

---

**2009/TEL39/SPSG/SYM/007**

## **A Safer Online Environment for Children**

Submitted by: Thailand



**APEC-OECD Joint Symposium on Initiatives  
Among Member Economies Promoting Safer  
Internet Environment for Children**

**Singapore  
15 April 2009**

# A Safer Online Environment for Children

Thongchai Sangsiri  
Director, Center for Computer Forensics  
Ministry of Information and Communication  
Technology, Thailand

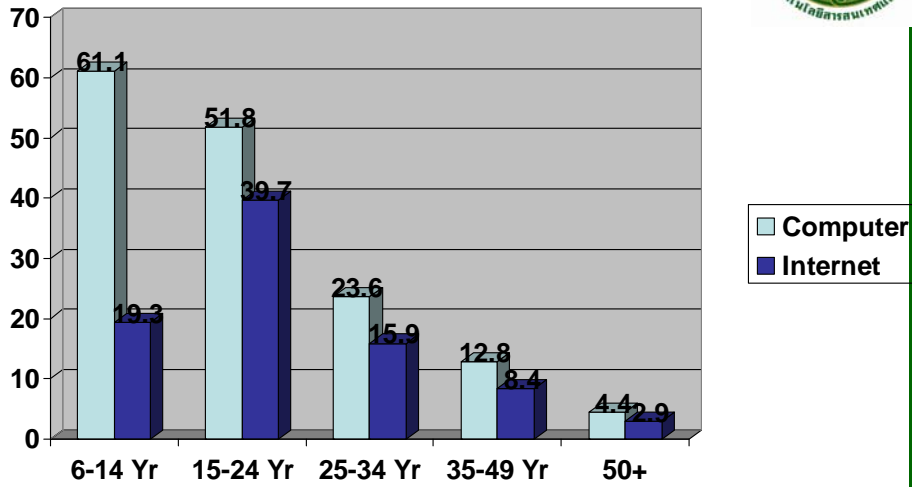
39<sup>th</sup> Meeting of the APEC Telecommunications & Information Working Group  
Workshop on Promoting Safer Internet Environment for Children  
15 April 2009, Singapore

## Agenda

- Overview
- Challenges
- Our Approach
- Outcome



# Computer and Internet Users(%)



Source: ICT Development Index 2008 by National Statistical Office

3

Ministry of Information and Communication Technology

# Who Is Watching Our Children?



[hi5](#)  
[IcE♥N :: โป๊วโป๊ว](#)  
[โป๊วโป๊ว](#)  
 เพื่อนเป็นเพื่อน  
 ส่งข้อความ  
 ผู้ใช้ที่ดูคุณตอนนี้

[easyodds.com](#)  
 You are here: > Links > Sports > Other Sports > Easyodds.com | Online Sports Betting  
**Sports -> Other Sports**  
**Easyodds.com | Online Sports Betting**  
 Easyodds.com is a free odds comparison service for horse racing, football, tennis, cricket and many other sporting events.  
**Keywords:** sports, odds, betting, online gambling, bet  
*Last edit:* 05-08-2006 12:42:36  
*Category:* Sports » Other Sports

[MULTIPLY](#)  
 Home Blog Photos Video Music  
 Jesper

4

Ministry of Information and Communication Technology

## Challenges



- **Knowledge?**
  - Most children lack basic awareness of online dangers
  - Most parents and teachers lack computer knowledge/skills
- **What else?**
  - Lack effective tool to monitor and prevent harm (at an affordable price)

5

*Ministry of Information and Communication Technology*

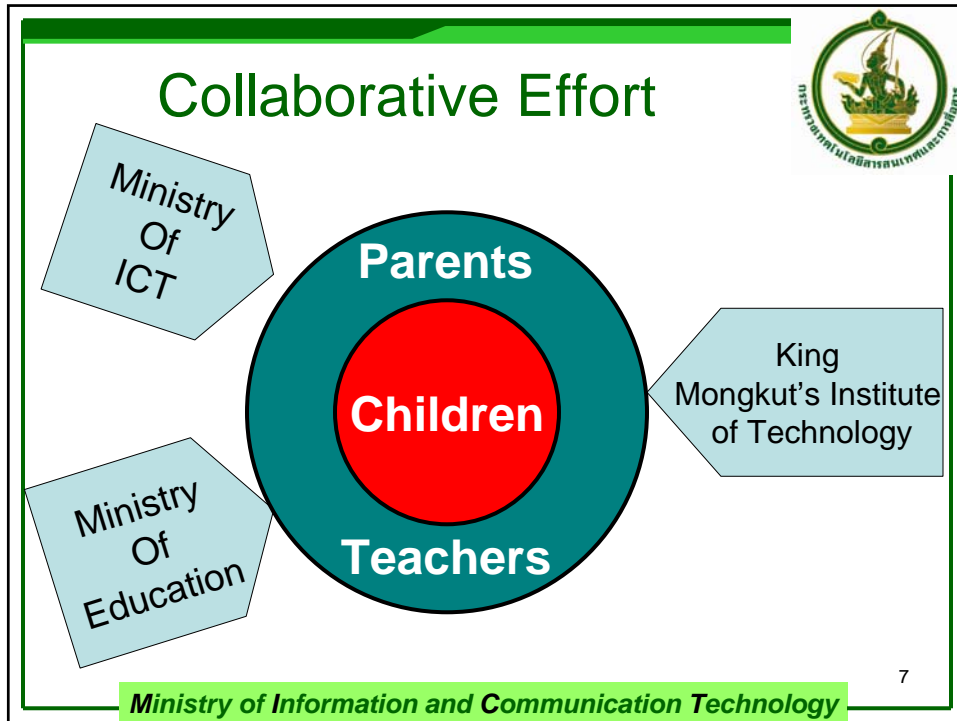
## Our Approach



- **Targets**
  - School-age children
  - Parents
  - Teachers
- **Government Initiatives**
  - Develop free and easy-to-use tool
  - Provide awareness training

6

*Ministry of Information and Communication Technology*



## Tool Development

- Commercial software
  - Expensive
  - Proprietary
  - Inflexible
- Collaborate with KMITL to develop own source code:  
“ICT HouseKeeper”

8

*Ministry of Information and Communication Technology*

# ICT HouseKeeper

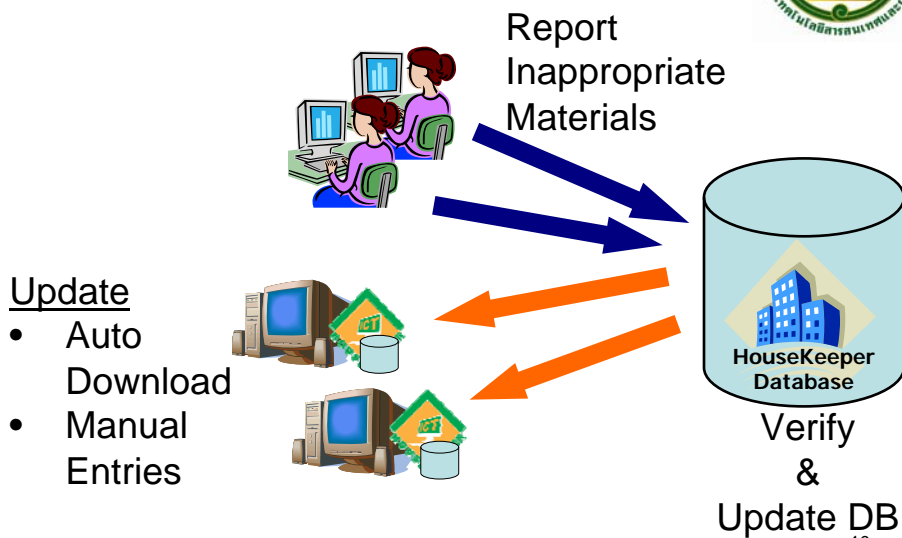


- **Functions:**
  - Password-protected setup module
  - Website access control
  - Program/game control
  - Computer time control
- **Services:**
  - Website for update and announcement (<http://hk.mict.go.th>)
  - Web board and telephone support

9

*Ministry of Information and Communication Technology*

## How Does It Work?



*Ministry of Information and Communication Technology*

## Easy to Use Functions



**Control harmful contents**

Website List	Action
http://www.bayguns.com	Block
http://www.baydrugs.com	Block
http://www.guns.com	Block
http://www.drugs.com	Block
http://www.tampaperfor-sale.com	Block

**Limit time**


time table (Note: 0 refer to from 0:00 - 0:59)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
SUN																								
MON																								
TUE																								
WED																								
THU																								
FRI																								
SAT																								

## Get the Message Out



- Collaborate with Ministry of Education to arrange awareness seminar at schools in major regional provinces
- Demonstrate and distribute "HouseKeeper" for free
- Provide telephone hotline for advice and technical assistance



## Online Safety Seminar

at schools nationwide:

- Bangkok
- Chiang Mai
- Udon Ratchathani
- Surat Thani
- ...

13

*Ministry of Information and Communication Technology*

## Key Success Factors



- Management Buy-In**
- Media Publicity**
- Stakeholders Participation**

14

*Ministry of Information and Communication Technology*



# Successful Outcome



*Ministry of Information and Communication Technology*

# Successful Outcome



*Ministry of Information and Communication Technology*

# Congratulations!



17

*Ministry of Information and Communication Technology*

# Still a Work in Progress...



- Software upgrade to include Windows Vista and future versions
- Hotline and technical support
- More online safety seminars to reach more children

18

*Ministry of Information and Communication Technology*

# Thank You

Thongchai Sangsiri, Director  
Email: [thongchai.s@mict.mail.go.th](mailto:thongchai.s@mict.mail.go.th)  
[www.ichousekeeper.com](http://www.ichousekeeper.com)