

# **2005 Taipei International PKI Conference - Security in Ubiquitous Network Society**

## **Conference Background**

The 21<sup>st</sup> century is an era of rapid technology advancement. The original social models have been reformed by the technology revolution, which is supported by Ubiquitous Network. Back in 1988, Mark Weiser from Palo Alto Research Center (PARC), U.S.A., first proposed the concept of Ubiquitous Computing, and later published the article "The Computer for the 21st Century" on the *Science Magazine*, which attracted great attention. This was the source of the term "Ubiquitous Computing". Since 2004, Global Business Dialogue on Electronic Commerce had a number of serious discussions on the topic of "Ubiquitous Computing". The ideal state of U-Network is allowing anyone, any equipment or any object to connect Internet at anywhere and anytime. This new network has brought the concerns worldwide for its impacts on national policies, technical standards, industrial structures, social developments, cultures and living.

To pursue convenient and friendly living with thoughtful environment, the focus of the U-Network society should not be limited to the technology itself but the value and contents of the services brought upon by the technology. However, the issues of network security and privacy derived from those services discourage the people from the emerging applications and services of the U-Network. It is obviously that all network-based services should be developed in a secure network infrastructure. Among all information security alternatives, Public Key Infrastructure (PKI), with advantages of authentication, data integrity, non-repudiation, and confidentiality, has been one the most important network infrastructure as U-Network is promoted worldwide.

Since 2003, Department of Commerce of MOEA commissioned Industrial Technology Research Institute to initiate PKI Interoperability Management and Promotion Program. The fruitful results are praised by Asian countries. This program attempts to find best PKI practices and establish demonstrative PKI application models to increase the willingness of the enterprises and public in using

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PKI. The long-term goals of the program are to lift the information security level of the country, and to achieve the PKI cross-border interoperability. Through these efforts, we look forward to having more and more PKI applications and a secure and satisfied U-Network Society.

### **Conference overview**

- **Date:** Sep 15, 2005 (09:00~17:00)
- **Venue:** Sheraton Taipei Hotel (Ball Room II,B2)
- **Sponsor:** Department of Commerce, Ministry of Economic Affairs of R.O.C.
- **Organizers:**
  - Computer & Communications Research Laboratories of Industrial Technology Research Institute (CCL, ITRI)
  - National Information Infrastructure Enterprise Promotion Association (NIEPA),
  - Chinese Taipei PKI Forum (CT-PKIF)
  - Science & Technology Law Center, Institute of Information Industry (STLC, III)
- **Contact :**

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**Dinner reception**

- Date: 2005 9. 15 (Thursday)
- Time: 18:30-20:30 PM
- Place: Sheraton Taipei Hotel (Ball Room III, B2)
- Attendees: 100+ professionals, including delegates of Ministry of Economic Affairs, distinguished speakers, Asia PKI Forum members, Chinese Taipei PKI Forum members, and sponsors.

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Conference Agenda (tentative)		
Time	Topic	Speaker
9:00~09:30	Registration (30 min)	
09:30~10:00	<b>Welcome and Honored Guests Speeches (30 min)</b>	1. Dr. Yen-Shiang Shih, Vice Minister of MOEA 2. Mr. Ying-Jeou Ma, Mayor, Taipei City Government 3. Dr. Han-Min Hsia, Chairman, Chinese Taipei PKI Forum 4. Dr. Bao-Shuh Lin, Vice President, ITRI and General Director, CCL 5. Dr. Shi Che, Lu, Chairman, Asia PKI Forum
10:00~10:40	<b>Keynote I (40 min)</b> Advanced information security trend and policy recommendations for in U-Network Era	<b>OASIS Delegate</b>
10:40~10:50	Break (10 min)	
10:50~11:30	<b>Keynote II (40 min)</b> Global PKI development and future trends in U-Network Era	<b>Dr. Stephen Kent</b> Co-Chair, PKIX WG, IETF
11:30~12:00	<b>PKI Program Report (30min)</b> Report of Taiwan PKI interoperability management and promotion program	<b>Mr. Roger Cheng</b> Director, Internet Software Technology Division of CCL, ITRI
12:00-13:15	Lunch (75 min)	

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Time	Topic	Speaker
13:15 ~ 13:30	<b>Registration (15 min)</b>	
13:30 ~ 14:00	<b>Presentation I (30min)</b> Recommendations on PKI and eCommerce to WSIS, from African and Arabian point of view	<b>Ms. Lamia Chaffai Sghaier</b> Chief Executive Officer National Digital Certification Agency, Tunisia
14:00 ~ 14:30	<b>Presentation II (30min)</b> The leading edge information security strategies and technologies for services value in U-Network	<b>Mr. Mu-Piao Shih</b> Director, Chunghwa Telecom Co., Ltd. and Convener of Mobile Service Developer Alliance
14:30 ~ 15:00	<b>Speech (30min)</b> The importance and future trends of PKI in U-Commerce	<b>Prof. C. S. Laih,</b> Professor, National Cheng Kung University
15:00 ~ 15:30	<b>Presentation III (30 min)</b> Establishing an ISMS Facilitating Mechanism for Small and Medium Units	<b>Ms. Lihsuan Liang</b> Manager, National Information Infrastructure Enterprise Promotion Association (NIEPA)
15:30 ~ 15:50	<b>Break (20 min)</b>	
15:50 ~ 17:10	<b><u>Panel Discussion</u></b> Topic— Accelerate Secure e-Commerce in U-Network Society Moderator—Kuo-Wei, Wu, CEO, NII Enterprise Promotion Association  <b><u>Panelist</u></b> China PKI Forum delegate Japan PKI Forum delegate Korea PKI Forum delegate Singapore PKI Forum delegate OASIS PKI TC Delegate Tunisia Delegate etc	