



The 7th - Cyber Defense Initiative Conference 2007(CDIC 2007)
To be held on the 22 - 23 of November 2007 from 8 am - 5 pm
at the Bangkok Convention Center at Central World

"To be Ready for New Internet Security Threats and Latest Hacking Technics"
"To be Prepared for New Thailand Cyber Crime and Electronic Transactions Law"

About the event

The Cyber Defense Initiative conference (CDIC) is one of the regions biggest information security conference organized annually. This year CDIC conference will be held in Bangkok at the Bangkok Convention Center, Central World on 22-23 November 2007 and made possible through collaboration from 11 leading organization within Thailand and overseas. This includes the Ministry of Information and Communication Technology (MICT), the Ministry of Science and Technology (MOST), the Software Park Thailand, The National Intelligence Coordinating Center (NITC) of Thailand, The Department of Special Investigation of Thailand (DSI), Software Industry Promotion Agency (SIPA), Thailand Information Security Association (TISA), ACIS Professional Center Co, Ltd, The 16th CIO group, and the highly respected International Information Systems Security Certification Consortium (ISC)2® and ISACA Bangkok Chapter. The last conferences organized in 2006 attracted over 750 participants within the region.



1



"To be Ready for New Internet Security Threats and Latest Hacking Technics"
"To be Prepared for New Thailand Cyber Crime and Electronic Transactions Law"



About the Speakers

Thai Speaker:

- ❖ **Prof. Dr. Yongyuth Yuthavong**, Minister of Science and Technology
- ❖ **Dr. Rom Hiranpruk**, Assistant to the President, National Science and Technology Development Agency (NSTDA)
- ❖ **Khun Suwipa Wanasathop** Director, Software Park Thailand
- ❖ **Dr. Pansak Siriruchatapong**, Director, National Electronics and Computer Technology (NECTEC)
- ❖ **Assoc.Prof.Dr. Sujate Jantarang**, President, Mahanakorn University of Technology
- ❖ **Police Colonel Yanaphon Yongyuen**, CIO, Department of Special Investigation (DSI), Ministry of Justice
- ❖ **Khun Santi Suraratana**, Vice President Technology Research & Development Software Industry Promotion Agency (Public Organization) – SiPA Ministry of Information and Communication Technology
- ❖ **Khun Surangkana Wayuparb**, Director of Electronic Transactions Secretariat National Electronics and Computer Technology Center (NECTEC), Ministry of Science and Technology
- ❖ **Khun Senee Vacharasiritham**, President, ISACA-Bangkok Chapter SVP, Information Technology Audit Manager, Siam Commercial Bank
- ❖ **Khun Prinya Hom-aneek**, CISSP, SSCP, CISA, CISM, SANS GIAC GCFW, Security+, ITIL, (ISC)2 Asian Advisory Board, ISACA Bangkok Chapter Committee, President & Founder, ACIS Professional Center
- ❖ **Khun Kumpol Sontanarat**, Director, Information Technology Department Securities and Exchange Commission (SEC)
- ❖ **Dr. Viriya Upatising**, SANS GIAC, Chief Technical Officer Director of Transport (IP), True Internet Thailand
- ❖ **Khun Sommai Fongnumthip**, CISSP, CISA, CISM, ITIL Security Officer, The Stock Exchange of Thailand
- ❖ **Khun Pairat Srivilairit**, CIA, CBA, CCSA, CFSA, associate CISSP, Senior Vice President Head of Internal Audit, TISCO Bank Public Company Limited
- ❖ **Khun Varin Khera**, B.I.T(CQU), P.G.Cert (Monash), MS.IEC (ABAC), Cert.MM (Cornell), Business Development Manager/Senior Information Security Consultant/Instructor, ACIS Professional Center
- ❖ **Senior Vice President from Bank of Thailand**

2



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International Speakers:

- ❖ **Mr. Howard Schmidt**, (ISC)² Board Member, President & CEO R & H Security Consulting LLC, Former Vice President & Chief Information Security Officer, eBay, and Former Chief Security Officer, Microsoft Corporation, USA,
- ❖ **Lt. Col. Husin Jazri**, Head of CyberSecurity Malaysia (Formerly known as NISER) & (ISC)² Board Member,
- ❖ **Mr. Freddy Tan**, CISSP, Head IT Security Operation, Ministry of Defence, Singapore,
- ❖ **Mr. Tim Bass**, CISSP, The Owner of UNIX.com, an Internet security expert, invented egress filtering Founder and CTO of SilkRoad,
- ❖ **Mr. Ali Khachab**, Programmer of Bandoon RAT

Conference Highlight

- Top Ten Information Security Emerging Trend and Internet Threats Year 2008 : The Latest Update Information Security Technology and Know-how
- To be prepared for Thailand Cyber Crime Law and Electronic Transactions Law
- IT Governance, IT Laws & Regulatory Compliance
- IT Security and its significant in the financial institute
- The role of NECTEC, Software Park and SIPA and their significant in the computer crime law
- New Hacker/Cyber Terrorist Techniques from the Department of Special Investigation, Ministry of Justice and ACIS Professional Center Penetration Testing Team
- Computer Forensic and Investigation Process according to New Cyber Crime Law
- How to collect log effectively according to Thailand Cyber Crime Law Requirement
- Advanced Web Application & Web Services Hacking : Hacking AJAX and Web 2.0
- Practical IT governance using CobiT 4.1
- How to implement ISO/IEC 27001 and ISO/IEC 20000 Standard effectively and efficiently
- Open Web Application Security Project (OWASP) 2007 and Information Security Management System (ISMF 2.0) from ACIS Professional Center
- New Internet Banking Hacking Techniques
- New Mobile & Wireless Hacking Techniques
- Various Case Study Such as:
 - Cyber Crime and Computer Forensic case study from the DSI Thailand
 - Case study on Information Security Implementation From the Security and Exchange Commissioner of Thailand (SEC)
 - Case study on Information Security Implementation from the stock exchange of Thailand
 - Case study on Information Security Implementation from True Internet
 - Case study on Information Security Implementation from Tisco Thailand
 - Case Study on Information Security Awareness Program from Cyber Security Malaysia (Formerly Known as NISER, Malaysia)
 - Case Study on Security Operation Center (SOC) from Ministry of Defence, Singapore³



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CDIC 2007 Special:

Live Demonstration from Hacker (Advanced and New Hacking/Pen-Testing Techniques) from world class white hat hacker and the ACIS professional security consulting team including:

- Hacking AJAX , Web Services and Web 2.0
- Customized Remote Access Trojan (RAT) Creation Tool
- Reverse Trojan Inside-Out Attack & Bypass Firewall using DLL injection
- Extrusion Detection by ACIS i-Secure MSS Team
- Rootkit and Botnet Live Show "How it work and How to protect
- Perimeter Penetration Testing using Packet Generator

Objectives of the conferences

- Educate participants on threats associated with the Internet.
- Increase awareness on how to secure individual workstation and enterprise servers and network.
- Increase awareness on Virus, Trojan, Spyware, etc.
- Increase awareness on how to balance between productivity and security in medium to large scale organization.
- Steer public and private sector to become aware of the risk in enterprise network and adopt an information security standards to eliminate or reduce various types of risks.

Deliverable Methods

This conference will include lecture, case studies and a live demonstration where appropriate.

Recommended Participants

- Chief Information Office (CIO)
- Information Technology Manager
- Information System Manager
- Network Manager
- Project Manager
- Government staff responsible for the PMOC, MOC and DOC system
- General Public Interested in Information Security

Courseware include

- Presentation and documentation for the conference, together with ACIS IT Security Expert Tools (Hacker & Anti-hacker) CD-ROM with the latest update from ACIS Professional Center Research and Development team
- Certificate of attendance awarded jointly from Software Park Thailand, National Intelligence Agency of Thailand (NIA), Department of Special Investigation of Thailand (DSI) and ACIS Professional Center Co., Ltd.
- Seminar Kit including a note book and a bag

4



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- Exclusive Membership to "Knowledge based system" at ACIS professional center which contain the latest Information Security Tools, White Paper, Articles, presentation and much more.
- Exclusive Membership to "The Reading Room" at ACIS professional center which include more than 500 Network and Information Security books.

Date, Time and location of the Conferences

❖ The Conference Session

The 2 days conference session will be held at the 22 - 23 of November 2007 from 08:30 am – 5:00 pm at the Bangkok Convention Center, Central World Bangkok

❖ The Lab and Workshop session

The workshop session will be held at ACIS Professional Center Training Room from 9 pm – 4:00 pm.

Conference Agenda

Day One (22 November 2007)

08:00 – 08:45	Registration
08:45 – 09:00	Welcome Note <ul style="list-style-type: none"> ❖ Welcome and Introduction: "The collaboration between software park Thailand and 10 other department in organizing the 7th Cyber Defense Initiative Conference" <p>Khun Suwipa Wanasathop Director, Software Park Thailand</p>
09:00 – 09:15	<ul style="list-style-type: none"> ❖ Opening Address: "The role of the Ministry of Justice and its relevant to the recently released computer crime law 2007" <p>Prof. Dr. Yongyuth Yuthavong Minister of Science and Technology</p>



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09:15 – 09:45	<ul style="list-style-type: none"> ❖ Keynote Address 1: "Looking into the future after the recently released computer crime law in 2007 " <p>Dr. Rom Hiranpruk Assistant to the President National Science and Technology Development Agency (NSTDA)</p>
09:45 – 10:15	<ul style="list-style-type: none"> ❖ Keynote Address 2: "logging requirement for the new computer crime law" <p>Associate Professor Dr. Sujate Jantarang President, Mahanakorn University of Technology</p>
10:15 – 10:45	Coffee Break
10:45 – 11:15	<ul style="list-style-type: none"> ❖ "Real World Case Study: Advanced Cyber Security Threats and How to protect?" <p>Mr. Timothy Snow Consulting System Engineer – Security Expert (Cisco System –Asia Pacific)</p>
11:15 – 12:00	<ul style="list-style-type: none"> ❖ "New hacking technique case study from the Department of Special Investigation of Thailand" <p>Police Colonel Yanaphon Yongyuen CIO, Department of Special Investigation (DSI), Ministry of Justice</p>
12:00 – 13:30	Lunch Break
13:30 – 14:00	<ul style="list-style-type: none"> ❖ "IT Security for the Financial Sector" <p>Senior Vice President from Bank of Thailand</p>
14:00 – 14:30	<ul style="list-style-type: none"> ❖ Case Study from the Stock Exchange of Thailand "Using International Governance Standards to reduce IT security Risk" <p>Khun Sommai Fongnumthip CISSP, CISA, CISM, ITIL Security Officer, The Stock Exchange of Thailand</p>
14:30 – 15.00	<ul style="list-style-type: none"> ❖ Case study from the Ministry of Defence, Singapore "How to implement Security Information & Event Management (SIEM) in Security Operation Center (SOC)" <p>Mr. Freddy Tan, CISSP Head IT Security, Ministry of Defence (MINDEF), Singapore</p>





15:00 – 15:30	Coffee Break
15:30 – 16:00	❖ "How to Fight the Internet Threats" Mr. Varit Onvong , CEO, Activemedia (Thailand) Co.,Ltd.
16:00 – 16:30	❖ Case Study from Tisco Bank Thailand "Information Security Governance (ISG)" Khun Pairat Srivilairit , CIA, CBA, CCSA, CFSA, associate CISSP Senior Vice President Head of Internal Audit TISCO Bank Public Company Limited
16:30 – 16:45	❖ Next Generation Security Event Management (SEM) with Complex Event Processing (CEP) Mr. Tim Bass , CISSP The Owner of UNIX.com, an Internet security expert Founder and CTO of SilkRoad
16:45 – 17:45	❖ "ACIS Live Hacking Demonstration Show and How to protect" Show #1 : New Internet Banking Hacking Techniques Show #2 : New Mobile & Wireless Hacking Techniques Show #3 : New Web Application & Web Services Hacking Techniques Show #4 : Hacking AJAX and Web 2.0 Show #5 : Perimeter Penetration Testing using Packet Generator Khun Prinya Hom-anek CISSP, SSCP, CISA, CISM, SANS GIAC GCFW, Security+, ITIL (ISC)2 Asian Advisory Board, ISACA Bangkok Chapter Committee, President & Founder, ACIS Professional Center และ ACIS Professional Center Penetration Testing Team
17:45 – 18:00	Question and Answer Section





Day Two (23 November 2007)

08:45 – 09:00

Welcome Note

- ❖ "SIPA and its significant to the computer crime law of 2007"

Khun Santi Suraratana

Vice President
Technology Research & Development
Software Industry Promotion Agency (Public Organization) – SiPA
Ministry of Information and Communication Technology

09:00 – 09:15

- ❖ Keynote Address 1:
"NECTEC how its pushing forward the acceptance of the new computer crime law"

Dr. Pansak Siriruchatapong

Director
National Electronics and Computer Technology (NECTEC)

09:15 – 09:45

- ❖ Keynote Address 2:
"New Threats, New Defenses Require New Strategies for Information Security"

Mr. Howard Schmidt

(ISC)² Board Member, President & CEO R & H Security Consulting LLC,
Former Vice, President & Chief Information Security Officer, eBay, and
Former Chief Security Officer, Microsoft Corporation, USA

09:45 – 10:00

- ❖ "IT Auditing and CISA, CISM Statistics in Thailand"

Khun Senee Vacharasiritham, CISA

President, ISACA-Bangkok Chapter
SVP, Information Technology Audit Manager
Siam Commercial Bank

10:00 – 10:30

- ❖ "Top Ten Information Security Emerging Trends and Internet Threats Year 2008 : The Latest Update Information Security Technology and Know-how"

Khun Prinya Hom-anek

CISSP, SSCP, CISA, CISM, SANS GIAC GCFW, Security+, ITIL
(ISC)² Asian Advisory Board, ISACA Bangkok Chapter Committee,
President & Founder, ACIS Professional Center

10:30 – 11:00

Coffee Break

8





11:00 – 11:30	<ul style="list-style-type: none"> ❖ "The tools a knowledgeable administrator needs to mitigate the Trojan threat?" Khun Don Nikanti, Managing Director of GoIPNow ❖ "Advanced Trojan technologies and techniques to bypass security" Mr. Ali Khachab, Programmer of Bandoon RAT
11:30 – 12:00	<ul style="list-style-type: none"> ❖ "Computer Crime Law and IT governance" Khun Surangkana Wayuparb Director of Electronic Transactions Secretariat National Electronics and Computer Technology Center (NECTEC) National Science and Technology Development Agency (NSTDA) Ministry of Science and Technology
12:00 – 13:30	Lunch Break
13:30 – 14:00	<ul style="list-style-type: none"> ❖ Case study Information Security Implementation from the security and exchange commissioner on "How to Implement Enterprise Content Management (ECM) in your organization" Khun Kumpol Sontanarat Director, Information Technology Department Securities and Exchange Commission (SEC)
14:00 – 14:30	<ul style="list-style-type: none"> ❖ Case study from CyberSecurity Malaysia (Formerly known as NISER) "How to Information Security Awareness Training Program in your organization" Lt. Col. Husin Jazri, CISSP Head of CyberSecurity Malaysia (Formerly known as NISER) & (ISC)² Board Member
14:30 – 15:00	<ul style="list-style-type: none"> ❖ "Next Generation Trojan and How to secure against them" Khun Varin Khera, B.I.T(CQU), P.G.Cert (Monash), MS.IEC (ABAC), Cert.MM (Cornell) Business Development Manager/Senior Information Security Consultant/Instructor, ACIS Professional Center
15:00 – 15:30	Coffee Break
15:30 – 16:00	<ul style="list-style-type: none"> ❖ Securing Government Networks for E-Government Mr. Mick Martin, APAC Government Director, Juniper Networks





16:00 – 16:30	<ul style="list-style-type: none"> ❖ Case study on Information Security Implementation from True Internet on "How to solve BotNet and RootKit Problem by using Root Cause Analysis (RCA)" <p>Dr. Viriya Upatising, SANS GIAC Chief Technical Officer Director of Transport (IP) True Internet Thailand</p>
16:30 – 17:00	<ul style="list-style-type: none"> ❖ " Live Demonstration "From Viruses to Malware; from Malware to Cybercrime" <p>Mr. Costin G. RAIU, Head of R&D, Kaspersky Lab Romania</p>
17:00 – 18:00	<ul style="list-style-type: none"> ❖ "ACIS Live Hacking Demonstration Show and How to protect" <p>Show #1 : Customized Remote Access Trojan (RAT) Creation Tool Show #2 : In-depth Extrusion Detection Technique by ACIS i-Secure Show #3 : How RootKit Works and How to Detect them Show #4 : Reverse Trojan Attack, Bypass Firewall using DLL Injection Show #5 : The Real Threat : "The Anonymity"</p> <p>Khun Prinya Hom-anek CISSP, SSCP, CISA, CISM, SANS GIAC GCFW, Security+, ITIL (ISC)2 Asian Advisory Board, ISACA Bangkok Chapter Committee, President & Founder, ACIS Professional Center and ACIS Professional Center Penetration Testing Team</p>
18:00 – 18:15	Question and Answer Section and the Lucky Draw

CDIC 2007 Workshop: Hands-on Information Security Workshop/LAB

The CDIC 2007 lab session will consist of 3 streams with a total of 12 courses. Participant can choose the stream that they find suitable and also switch between courses.

- ❖ Stream #1: "Technical Workshop for Everyone" (6 days)
- ❖ Stream #2: "Audit Workshop for IT Auditor" (3 days)
- ❖ Stream #3: "Management Techniques Workshop for IT Manager and Management" (3 days)

Stream #1: "Technical Workshop for Everyone" (6 Days)

Course 1 (1Day): In-depth Understanding of Malware and Spyware

- Describe Malware , including Spyware, Key logger, Trojan Horse, HOAX, Backdoor, BHO, RAT and zero-day exploits
- Describe Malware Protection for Individual
- Describe Malware Protection Placement Design and Planning for Corporate Environment

10



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- Practice :Individual ANTI-Malware Implementation
- Practice :Corporate Environment ANTI-Malware Implementation
- Practice: How to Implement Centralized Logging and Monitoring for detecting Malware

Course 2 (1Day): In-depth Understanding of Network Security Design and Troubleshooting

- Describe security threats to a network and network devices
- Identify different techniques to hack Router/Switching
- Describe CISCO Router and Switching Hardening Step by Step
- Practice : Harden CISCO Router and Switching
- Practice : How to Implement Centralized Logging and Monitoring for Network Devices

Course 3 (1Day) : In-depth Understanding of Microsoft Windows Security

- Describe security threats to Microsoft Windows
- Identify different techniques to hack Microsoft Windows Platform
- Describe Windows Hardening Process Step by Step
- Practice: Harden Microsoft Windows
- Practice: Implementing Windows Server Update Services (WSUS)
- Practice: Deploying a Secure Member Server Baseline
- Practice: Implementing Secure Baselines for Server Roles
- Practice: Implementing, and Deploying a Secure Client Computer Baseline
- Practice: Configuring IP Security (IPSec) Policies
- Practice: How to Implement Centralized Logging and Monitoring for Windows

Course 4 (1Day): In-depth Understanding of UNIX/Linux Security

- Describe security threats to UNIX/Linux
- Identify different techniques to hack UNIX/Linux platform
- Describe UNIX/Linux Hardening Process Step by Step
- Practice: Harden UNIX/Linux manually
- Practice: Hardening OS with Bastille
- Practice: How to implement Centralized Logging and Monitoring for Linux
- Practice: Using SSH tunneling

Course 5 (1Day): In-depth Understanding of Wireless Security

- Describe WLAN Security Standards, Threats and Mitigations
- Practice: WLAN Surveying, Scanning and Sniffing
- Practice: Attacking WEP/WPA
- Practice: IEEE 802.1X EAP / Radius authentication
- Practice: Single Sign On (SSO) Using X.509 Certificates
- Practice: How to Implement Centralized Logging and Monitoring for Wireless
- Future Wireless LAN Technologies

Course 6 (1Day): In-depth Understanding of Web Application Security

- Describe Top 10 Web Hacking Techniques from OWASP

11



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- Describe Best Practices for Web Application Security
- Practice: Scanning Web Server and Web Application for Weaknesses
- Practice: Learning Web Application Security with OWASP WebGoat
- Practice: Intercepting traffic with OWASP WebScarab
- Practice : How to harden your Web Application/Web Server

Stream #2: "Audit Workshop for IT Auditor" (3 days)

Course 7 (1Day): Introduction to IT Auditing, Practice Security Assessment and Using IT Audit

- Introduction to IT Auditing
 - What Is an IT Auditor?
 - IT Auditor Roles & Responsibilities
 - IT Audit Compliance and Standards
 - IT governance and CobiT 4.1
- IT Security Assessment Practices
 - Most Services Attacked
 - SANS TOP 20 2007
 - Web Application Attacked
 - OWASP TOP 10 2007
 - How to Assess and Test
 - Vulnerability Assessment
 - Penetration Testing

Course 8 (1Day) : Using IT Audit Checklists for Windows, Linux, Wireless LAN, Database, Mailing System และ Domain Name System

- How to Audit Operating System
 - Windows Platforms
 - Unix/Linux Platforms
- How to Audit Routers and Switching
 - Understanding Router and Switching Attack
 - Using Router Audit Tool (RAT)
 - How to detect/audit Router and Switching
- How to Audit Wireless LAN
 - Understanding Wireless LAN Attacks
 - How to detect/audit Rogue Access Point
- How to Audit Databases
 - Understanding RDBMS Attack
 - How to detect/audit RDBMS Attack
- How to Audit Mailing System
 - Understanding SPAM and DHA Attack
 - How to detect/audit Mail Relay attack
- How to Audit Domain Name System
 - Understanding DNS Attack
 - How to detect/audit DNS attack

12



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Course 9 (1Day) : How to centralize and audit log / How to write IT Audit Report and present Audit Result

- How to centralize and audit log
 - Implementing Centralized Log Strategy according to new Thailand ICT Law
 - Understanding Log Analysis Methodology
 - Firewall and Router Logs
 - Operating System Logs
 - Web Server Logs
- How to write IT Audit Report and present Audit Result
 - Writing Audit Finding and Recommendations
 - Creating the IT Audit Report
 - Creating the IT Audit Presentation
 - Presenting IT audit result effectively
- Real World Case Study on IT Auditing

Stream #3: "Management Techniques Workshop for IT Manager and Management" (3 days)

Course 9 (1Day) : Information Security for Management

- The Latest Update Thailand ICT Law in Depth
- The Latest Update Thailand Information Security Situation
- The Ten Most Common Critical Cyber Security Threats 2007
- The Future Critical Cyber Security Threats 2008
- How to protect from the Ten Most Critical Cyber Security Threat
- Security Framework /Policy / Standard / Guidelines / Best Practices

Course 11 (1Day) : IT Risk Management

- Risk Assessment /Risk Management Planning
- Identify Potential Risk
- Risk Analysis
- Quantify Risk
- Develop Risk Response/ Risk Mitigation

Course 12 (1Day) : Hands-on Gap Analysis Workshop Using ISO/IEC 17799:2005/ ISO/IEC 27001 Self Assessment on these topics - To be ready for Regulations and Audits

- Security policy
- Organization of information security
- Asset management
- Human resources security
- Physical and environmental security
- Communications and operations management
- Access control
- Information systems acquisition, development and maintenance

13





- Information security incident management
- Business continuity management
- Compliance

CONFERENCE ENQUIRIES:

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