

# CYBERCRIME PREVENTION AND CONTROL

Understand the **Evolution of Cyber Crime** and Latest Threats

Anticipate and Prevent the Weaknesses of **Wireless and Mobile Security**

Protect your **E-mail** and Messaging Systems

Master the **Identity and Access Management**

Conduct **Vulnerability and Security Assessments**

Perform **Computer Forensics and Digital Investigations**

## CYBERCRIME PREVENTION AND CONTROL CONFERENCE

program date

26TH - 27TH JUNE 2006

program venue

JW MARRIOTT KUALA LUMPUR

**ONG AI LIN** Senior Executive Director and Head of Security and Technology  
PRICEWATERHOUSECOOPERS MALAYSIA

**UMESH NAGORI** VP of Business Development  
NET-SQUARE INDIA

**JULIAN HO** Chief Operations Officer  
ThinkSECURE SINGAPORE

**CHRISTOPHER LOW** Chief Technology Officer  
ThinkSECURE SINGAPORE

**PAUL SERRANO** Vice President of Marketing, Asia Pacific  
CIPHERTRUST HONG KONG

**JAMES YEO** Product Marketing Manager: South Asia  
COMPUTER ASSOCIATES MALAYSIA

**SHUKRI OTHMAN** Senior Forensics Analyst  
NISER MALAYSIA

# CYBERCRIME PREVENTION AND CONTROL

## CONFERENCE INTRODUCTION

Today, the Internet is the backbone for most of the businesses. Organizations are heavily dependent on the information technology in the day to day activities. Due to this, Organizations' limits have grown to infinite and can reach every corner of the world. So can the criminals. In today's era of cyber everything, cyber criminals also are equally playing their anti role and playing it very tactfully. So how do you safe guard your organization from these cyber criminals?

Well, it's the thumbs rule; "Prevention is better than cure!"

This conference will bring together the best and brightest minds in the field of IT and Network Security from across the globe to a single place and time. Among those speaking are:

Ong Ai Lin, **PricewaterhouseCoopers, MALAYSIA**

Paul Serrano, **CipherTrust, HONG KONG**

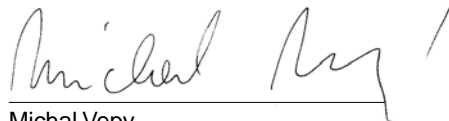
Umesh Nagori, **Net-Square, INDIA**

James Yeo, **CA, MALAYSIA**

Julian Ho and Christopher Low, **ThinkSECURE, SINGAPORE**

Shukri Othman, **NISER, MALAYSIA**

The primary objective of this conference is to equip participants with the skills and understanding to empower themselves to independently protect the IT and Network Security systems and services currently employed within their organisation for greater security against current and future threats.



Michal Veply  
Conference Development Manager

### WHO SHOULD ATTEND THIS CONFERENCE?

The Cybercrime Prevention and Control Conference is designed and catered for Chief Executives, Chief Officers, Presidents, Vice-Presidents, Directors, Managers, Heads, Officers, Analysts, Specialists and Controllers, Investigators, Consultants from these fields and units:

- Internet Anti-Piracy
- E-Commerce & E-Business
- Control and Security
- IT and Computer Security
- Corporate Fraud and Financial Crime
- Data Protection
- Strategic Intelligence
- Computer Crime
- Digital Investigations
- Information Management, Systems and Security
- Operations
- Technical Security and Technology
- Forensics
- IT Audit
- Risk, E-Risk, Information Risk & IT Risk
- Telecommunications

## CONFERENCE SESSIONS

DAY ONE	09:00AM	<b>OPENING ADDRESS</b> Overview of Cyber Crime Today and the Need for Increased Security by Ong Ai Lin, PricewaterhouseCoopers, MALAYSIA	
	10:00AM	<b>SESSION A</b> Dissecting Latest Threats and Introducing the Countermeasures in E-mail and Messaging Security by Paul Serrano, CipherTrust, HONG KONG	
	01:00PM	<b>SESSION B</b> Security Assessment: Guard against Cyber Crime by Umesh Nagori, Net-Square, INDIA	
DAY TWO	05:00PM		
	09:00AM	<b>SESSION C</b> Identity and Access Management by James Yeo, CA, MALAYSIA	<b>SESSION E</b> Wireless Security: Clearing the Air by Julian Ho, ThinkSECURE, SINGAPORE
	12:30PM	<b>SESSION D</b> Performing Computer Forensics and Digital Investigations by Shukri Othman, NISER, MALAYSIA	<b>SESSION E</b> Wireless Security: Clearing the Air by Julian Ho, ThinkSECURE, SINGAPORE
	05:00PM		

# CYBERCRIME PREVENTION AND CONTROL

## CONFERENCE SESSIONS DAY ONE

09:00AM

### OPENING ADDRESS OVERVIEW OF CYBER CRIME TODAY AND THE NEED FOR INCREASED SECURITY BY ONG AI LIN, MALAYSIA

- Presenting the alarming statistics of the cyber-crime increase in Asia and expected figures for 2006
- Assessing the impact and consequences of hi-tech crime on businesses
- Analyzing the threats to business reputation and consumer confidence

10:00AM

### SESSION A DISSECTING LATEST THREATS AND INTRODUCING COUNTERMEASURES IN E-MAIL AND MESSAGING SECURITY

BY PAUL SERRANO, HONG KONG

- Detailing the technical aspects of typical phishing campaigns
- Analyzing the various Trojan software and spyware, the continuous threats from Virware and Malware behaviors, and calculating the impact of these threats on your organization's identity, reputation and bottom line
- Assessing the main requirements for effective E-mail security
- Best practices to managing e-mail volume and growth
- Blocking the inbound threats
- Trusted Source Architecture and Reputation Classification
- Creating sender profile by using Behavior-based Analysis
- Outbreak protection
- Correlating multiple detection techniques for local message analysis
- Intrusion prevention and e-mail infrastructure prevention
- Guarding the outbound threats
- Policy & compliance enforcement
- Encryption

01:00PM

### LUNCH

02:00PM

### SESSION B SECURITY ASSESSMENT: GUARD AGAINST CYBER CRIME

BY UMESH NAGORI, INDIA

Security Fundamentals and Principles

- Threat framework and modeling
- Attack vectors and their impact
- Security posture and evolution
- Corporate security objectives
- Popular attack points and severities
- Security industry landscape and trends

Assessment : Approaches and methods

- Assessment methodologies and basics
- Goals and objectives of assessment
- Role of tools and credibility
- Areas of assessment & importance
- Audit basics and objective
- Compliance and standards

Vulnerability Assessment &amp; Exploitation

- Vulnerability basics
- Detecting vulnerabilities
- Crafting exploits
- Vulnerability scanning using nessus & other tools
- Exploit frameworks - Metasploit
- Demo
- Countermeasures & Security

05:00PM

### END OF DAY ONE

#### SPONSORSHIP OPPORTUNITIES

The Cybercrime Prevention and Control Conference will feature the participation of a wide range of international participants and experts in internet security, network control, and computing. KCOM Management Sdn Bhd is please to be able to offer your organisation the opportunity to market your services and products and form key relationships through networking through this unique event. To make further enquiries as to how you are able to do this, please contact Ms Grace Chin or Mr Michal Vepy at tel + 60 3 7954 1011, or email to enquiry@eknowledge.com.my

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## CONFERENCE SESSIONS DAY TWO

**IMPORTANT NOTE:** The second day of the conference will be conducted in two(2) concurrent sessions. Please note that participants will **ONLY BE ABLE TO ATTEND TWO (2) OF THE THREE (3) sessions** indicated to the right. Please indicate in the registration form the sessions required.

The program itinerary for Day 2 of the program is as indicated below:

09:00AM Morning session

12:30PM Lunch

01:30PM Afternoon session

05:00PM End session

### SESSION C IDENTITY AND ACCESS MANAGEMENT BY JAMES YEO, MALAYSIA

As business applications and information become more available to more people within the enterprise and beyond, increasingly complex identity and access control requirements are managed for thousands of identities. IT departments are challenged to provide more controlled access across business units and business partners, while complying with the latest regulations and known threats in a cost-effective manner. In this session, you will learn about a holistic approach to Identity and Access Management (IAM) which will save time and money while improving information protection. The result of this holistic approach is identity and access control founded on a consistent security assurance framework applied across the three main elements necessary for effective, enterprise-wide access management: identity management, information management, environmental management:

- Identity in the context of information systems
- Risks and rewards
- Evolving standards and technologies
- How technologies relate to compliance

### SESSION D PERFORMING COMPUTER FORENSICS AND DIGITAL INVESTIGATIONS BY SHUKRI OTHMAN, MALAYSIA

In this session, participants will be exposed to the scientific examination and analysis of data from computer storage media for the purpose of presentation in a court of law. The training program includes the presentation of case studies and demonstration. The session will cover computer crime, and computer forensics techniques which are used to obtain evidence that are acceptable in the court of law. Theory and hands-on will be covered in the training. Throughout the course, the evidential integrity and continuity is stressed out along with the need to have proper records of all actions taken.

- Identifying Computer Crime to understand different categories of computer crimes, computer related crimes and computer misuse, and how computer and electronics evidence play a major role in most investigations
- Introducing computer forensics and its challenges towards new and rapid technology growth
- Clarifying goals, rules and procedures involved in conducting computer forensic investigation
- Preparing the computer forensic investigators and IT Security professionals with procedures prior to conducting crime scene analysis
- Presenting the methods of seizing and handling the evidence at crime scene
- Enabling participants to understand the processes involved in conducting analysis on evidences based on identifying contents relevant to the case without compromising the integrity of the original information

### SESSION E WIRELESS SECURITY: CLEARING THE AIR

BY JULIAN HO AND CHRISTOPHER LOW, SINGAPORE

Ph00ling: The Art of the Steal

- In this session, we conduct a practical demonstration of how both public (hotspot) and private portalbased WLAN service users can be easily tricked into connecting to an attacker masquerading as the access portal and revealing confidential information such as credit card details, login credentials and so on.

Probemapping: Engaging Wireless Client Security

- Probemapper is an Open-Source tool released by ThinkSECURE to help detect and identify wireless clients and their proximity to the tool user. It can also allow enumeration of the wireless client and enable the tool user to trick the wireless client into associating with him. This practical presentation shows how this is done and also covers preventative action which can be undertaken to mitigate the risk.

Doing It Right: Introducing Practical WLAN Deployment Methodology

- Many people approach WLAN deployment with FUD - fear, uncertainty and doubt. This state of affairs is fed by many vendors who tout technology as the answer to any form of wireless deployment, ignoring historical evidence that technology-only approaches often cause more problems than they solve. Find out in this session the real-life practical aspects you need to address in order to conduct a practical, consistent and secure WLAN deployment and operation.

# CYBERCRIME PREVENTION AND CONTROL

## CONFERENCE FACILITATORS

**Ong Ai Lin, PWC Kuala Lumpur, MALAYSIA** has over 25 years of experience in the area of operational and systems risk management in the United Kingdom, Singapore and Malaysia. Her clients have included regulators and quasi-government agencies as well as companies in the financial services, telecommunication and healthcare sectors. Her range of projects include ICT security and controls review, information security audit, network security assessment, business continuity planning, enterprise and IT risk management and the development of information security policies, standards and procedures.

**Paul Serrano, CipherTrust, HONG KONG** has more than 28 years of experience in the security and networking arena, and has extensive experience in sales, marketing and business development. Prior to CipherTrust, he served as Director for Security Products Marketing (Juniper Networks), Senior Director of Product Management and Senior Director of Marketing - APAC, (NetScreen Technologies) Director of Business Development (Bell Labs Research), and was co-founder and CEO of Network Tools, a company focusing on configuration challenges in the data networking sector. Paul was also Vice President at the HSBC Banking Corporation, and served in senior management roles at JP Morgan Bank and Citibank. Paul spent 9 years with the US Air Force and was responsible for the planning, design, installation and deployment of large-scale communication systems, including satellite systems, fiber optics, voice and data systems, cryptographic systems and wireless communications. He is a member and participant in the IEEE and IETF forums.

**James Yeo, CA, MALAYSIA**, brings more than a decade of technology experience as product marketing manager of CA Asia South. His specialty lies in the security industry, having held various key positions in marketing and new business development initiatives, as well as project management and implementation. Prior to joining CA, James was a senior consultant with Symantec Singapore and Arthur Andersen's Technology & Computer Risk Consulting Group. Has also worked in Platinum Technology Pte Ltd, the Singapore Trade Development Board (now IE Singapore), and the Systems and Computer Organisation (now DSTA), MINDEF. James holds numerous certifications, among them CISM, CISSP, CISA, ACFE, SCSE and CLP. James holds a Degree in Mechanical Engineering (National University of Singapore) and Specialist Diplomas in Knowledge Engineering (Institute of System Sciences) and in Information Systems Security (Temasek Polytechnic)

Co-founder of **ThinkSECURE**, **Christopher Low** started his career at Infocomm Development Authority of Singapore (IDA), involved the development & implementation of large-scale government projects. After 3 years of enterprise application development experience, he specialized in network and application security. Apart from providing regular security update sessions for his counterparts and conducting security and system audits, he was involved in nationwide Census 2000, spearheading the infrastructure and security setup of the entire operation. Christopher also worked at Sensecurity Institute as a Technology Director, which allowed him continue his involvement in the areas of security consultancy, security testing and security product deployment for a wide array of private & public sector organizations. His experience covers a wide array of security fields such as biometrics, authentication systems, network- and host-based intrusion systems all the way to Single-Sign-On (SSO) solutions.

Co-founder of **ThinkSECURE**, **Julian Ho** has extensive security experience in telecommunication and IT consultancy in the US and Asia Pacific. He was responsible for the security management (security policy planning & implementation, network/systems auditing & lockdown, development & consolidation of security overlay network design, Incident Response and threat research & prioritization) of the public data network infrastructure at StarHub, a Singapore-based telco. Julian was primarily responsible for the design, implementation and maintenance of security and operations for AsiaPac's largest hotspot deployment: StarHub's Wireless Hotzones in Changi International Airport Terminals 1 & 2 and Suntec International Convention & Exhibition Centre, totaling 100+ enterprise/carrier-class access points, routers, switches, SSGs and servers. He has worked with KPMG Consulting Pte Ltd, Western Digital, Sony Partners Limited/ Sony Partners Realty Ltd (USA) and Standard Chartered Bank (London & Hong Kong).

**Umesh Nagori, Net-Square, INDIA**, plays a role of security consultant and trainer for Net-Square clients, specializing in web hacking and security, with over 10 years of experience in the field of information technology. Right from the software development, he has played key roles in various other areas of Information Technologies like system administration and network management, system analysis, training, project management. Umesh has over 6 years of experience with web application development, application and system security architecture, network architecture, security consulting, security training.