

HIMSS AsiaPac16

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ADVANCING DIGITAL & PATIENT-CENTERED CARE

Event Knowledge Partners:



23 August 2016

08:30 - 09:00

Registration

09:00 - 09:05

Welcome by HIMSS

09:05 - 09:50

HIMSS Cybersecurity Survey Report Findings

Mr. Rod Piechowski, Senior Director, Health Information Systems, Healthcare Information and Management Systems Society (HIMSS), USA

Key Survey Results:

- Security Tools and Technologies
- Assessment of Network Defense and IT Security Capabilities
- Motivators for Improving Information Security Environments and many more

09:50 - 10:30

Asia Pacific Cyber Security Threat Landscape - Challenges for Healthcare

Mr. John Ellis, Chief Strategist, Cyber Security, Akamai Technologies, Asia Pacific & Japan

Asia is the world's fastest growing region in terms of people, technology, markets and geopolitical tensions. Asia is also a hot spot for cybercriminal activity with over 70% of the world online attack originating from networks in Asia. The dilemma for many business leaders across all industries is how do they take advantage of the information revolution at hand, while still protecting their business from these cyber threats?

Of particular concern to the healthcare industry is the increasing number of cyber-attacks against their industry. The healthcare industry has become an increasingly attractive target for cybercriminals with stolen healthcare data being more valuable than credit card data on the 'hacker underground'. With critical information now residing in the cloud and

accessed by a growing number of devices and applications, web-based attacks have become increasingly pervasive. The same forces that enable new efficiencies open healthcare providers up to new vulnerabilities.

Join John Ellis, as he sheds light on the following topics:

- Overview of the cyber threat landscape in the Asia Pacific region
- The growth of cyber-attacks on the healthcare industry
- Challenges in data protection in the every expanding and cloud connected world

Tea Break

10:30 - 10:45

10:45 - 11:15

The Current State of Cyber Security in Thailand

Mr. Martijn van der Heide, CERT Specialist, ThaiCERT, Thailand

11:15 - 11:30

Ransomware: A Global Problem - What's Happening and What's Next?

Mr. Rod Piechowski, Senior Director, Health Information Systems, Healthcare Information and Management Systems Society (HIMSS), USA

11:30 - 12:30

A View from the Experts: Ransomware Best Practices and How to Ready Your Organization for the Next Significant Cyber Threat with Emergency Preparedness Exercises

Mr. Arno Brok, Chief Executive Officer, Australian Information Security Association, Australia

Mr. Mohd Zabri Adil Bin Talib, Head, Digital Forensics Department, CyberSecurity Malaysia

Mr. Martijn van der Heide, CERT Specialist, ThaiCERT, Thailand

Moderator: Rod Piechowski, Senior Director, Health Information Systems, Healthcare Information and Management Systems Society (HIMSS), USA

- How to educate and inform your healthcare organization about ransomware
- Potential indicators of compromise for ransomware - How to keep up with all the ransomware strains
- Incident response, mitigation information, business continuity and disaster recovery information
- How to ensure your organization is ready for cyber attacks

12:30 - 13:30

Lunch Networking

13:30 - 14:00

Cloud Computing Top Threats

Mr. Terence Siau, Director, Cloud Security Alliance, Co-Founder, TINDO Pte Ltd, Singapore

14:00 - 14:30

Building a Secure Framework for your Healthcare Environment

Mr. Dale Johnstone, Chief Information Security Officer, Hospital Authority, Hong Kong

Ensuring security within a healthcare environment presents both common and unique challenges. Challenges include how to transmit and process electronic medical records, personal healthcare records, patient billing records, as well as

public health alerts, across many parties with varying security, privacy and trust levels. Other challenges include the sheer volume of transactions and the physical size of the data being transmitted. This presentation will look at a common information security management framework that provides a balanced structured approach to reducing risk and increasing healthcare resiliency.

14:30 - 15:30

Achieving Robust Cybersecurity: A Perspective from the CIOs

Dr. Eric Wong, Group Chief Medical Informatics Officer, National Healthcare Group, Singapore

Mr. Veerasak Kritsanapraphan, Chief Technology and Innovation Officer, Greenline Synergy;, Deputy Chief Information Officer, Bangkok Hospital Medical Center, Thailand

Mr. Scott MacLean, Deputy Chief Information Officer, Partners Healthcare, USA

Moderator: Patricia Wise, Vice President, Health Information Systems, Healthcare Information and Management Systems Society (HIMSS), USA

- Healthcare CIO perspective on cybersecurity in the real world hospital environment
- Negligent and malicious insiders are a problem for all healthcare organizations
- How to detect and mitigate the insider threat before significant damage is done

15:30 - 16:00

Tea Break

16:00 - 16:30

Cyber Risk Insurance: Risk Assessment, What's There and What To Look Out For?

Ms. Stella Tse, Managing Director, Marsh (Hong Kong) Limited, Hong Kong

- What's a Cyber Risk Insurance & How Can It Benefit Your Organization?
- How to Assess Risk Exposure?
- Type of Services an Insurance Coverage can Provide

16:30 - 17:15

Closing Keynote: The Nexus and Future State of the Medical Internet of Things and Cybersecurity

Mr. Mike Cunning, Managing Director, PwC Health Industries Cybersecurity & Privacy, USA

Medical devices are critical to the delivery of care in everyday medicine at hospitals and clinics across the world. These devices are becoming more and more connected to care provider business networks and/or the Internet and are utilized as a mechanism to measure patient outcomes. Innovation is accelerating in areas such as robotics, implantables, ingestibles and medical Internet of Things (IoT) as is amount of sensitive health information captured by these devices. Cybersecurity threats and risks are also rapidly evolving with threat actors innovating and exploiting vulnerabilities in the

increasing attack surfaces of these connected devices. The impact of these trends can directly impact patient safety, the effectiveness of these devices to deliver care and the security of patient health information. In this keynote address, Mike Cunning, Managing Director at PricewaterhouseCoopers (PwC), will discuss the current state of Medical Device cybersecurity, and what your organizations can do to prepare and protect your medical IoT both now and into the future.

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