



GovernmentWare

SecurITy: Navigating the Brave New Cyber World

27 - 29 SEP 2011

*Suntec Singapore International
Convention & Exhibition Centre*



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GovernmentWare 2011

SecurITy: Navigating the Brave New Cyber World



A Premium Infocomm Security Conference Established in Asia

The Ministry of Home Affairs (MHA), Singapore, is proud to present the 20th GovernmentWare seminar and exhibition. This annual event, convened since 1991, will be held from 27 to 29 September 2011 at the Suntec International Convention & Exhibition Centre.

The world has become increasingly networked due to the forces of globalisation, urbanisation and technological advances. The reliance on IT for day to day business operations has significantly increased, especially for organisations where IT is not as traditionally distinct. While this has brought enormous benefits to economies and societies, cyber incidents can be equally far-reaching in their impact and consequence.

The theme for this year, "SecurITy: Navigating the Brave New Cyber World",

highlights the importance of adopting a forward-looking IT security posture to mitigate increasingly sophisticated and pervasive cyber attacks. It underscores the need for a security conscious mindset in dealing with today's ever-changing and unpredictable cyber threat landscape.

With the right security mindset, there will be a need to re-examine current efforts, re-assess the present state of readiness, and re-iterate on the need for collaboration as we embark on this inevitable and uncertain journey.

Closed-door Government Session

In the spirit of raising IT security awareness among the public sector, MHA will once again present this closed-door Government track to provide updates on the latest IT security trends, cyber threats, initiatives and policies in the civil service. Delegates can look forward to in-depth analysis and discussions on IT security issues and their relevance to the local context.



Opening Address by

Mr Masagos Zulkifli

Minister of State, Ministry of Home Affairs & Ministry of Foreign Affairs

*Join us this year
as we celebrate
the 20th year
anniversary of
GovernmentWare!*

For more information, please visit

www.govware.sg

Conference Focus

1 Enterprise Security

Cyber espionage has emerged to be amongst the greatest scourges of the cyber world. Aurora targeted huge number of organisations while the birth of Stuxnet successfully caused subversion and destruction to critical information infrastructures. These attacks show that organisations are in dire need of holistic and proactive security approaches when dealing with the sophisticated targeted attacks of today's threat landscape.

Gain insights from key areas of infrastructure security, endpoint security, policy compliance, risk management, Industrial Control System (ICS) security and SCADA security.

4 Cloud Computing

The growth of cloud computing as a cost-efficient means to provide services has heightened the risks of organisations that have sensitive information stored in the cloud. The ability of organisations to leverage on the benefits of cloud computing hinges greatly on their understanding of the inherent security implications brought about by its use, as well as its associated mitigation measures.

Gain updates and insights from experts on the latest security issues related to cloud computing, and find out how to reduce the risks while embracing it.

7 Security Audit

NEW

How do you know that your new security policy is effective and being adhered to? How do you know your firewall is really protecting you? How do you know your administrators are keeping all your systems fully patched? In today's complex IT environment, a smorgasbord of security controls exist which promise to defend against various threats. However it is only through the conduct of a security audit that we can confidently answer the question, "How do you know?"

Security audits have and will always play an important role in providing assurance to system owners. Join us to learn and appreciate the role of audit in this brave new cyber world.

2 Attacks and Vulnerabilities

NEW

The past years have been associated with an increasing trend of vulnerabilities disclosure and persistent attacks targeting high-value organisations. Gone were the days where only a small group of people had the sufficient know-how to perform such malicious attacks. Open-source attack tools have become easily available on the Internet and can be easily executed by anyone.

Understanding the technological developments in the areas of attacks and vulnerabilities help organisations to better appreciate the available security solutions, and enable them to design and develop their security protection to anticipate and respond to future attacks.

5 Mobile Security

The market has witnessed a huge growth in mobile devices. Mobile devices are increasingly having more processing power and are gradually converging with the PCs. The tendency is for people to jump on the new technology, interspersed it with our personal life and has them perform our daily work. However are these devices sufficiently secured for use in the workplace?

Attendees of this track will learn what the new challenges are in this aspect of IT security and the possible ways to mitigate these challenges.

3 Application Security

Computer applications have always been an essential part of business. A compromised application could severely impact its operations, especially so in today's networked environment. Strategies and actions can be taken to prevent security breaches of these applications that we have grown to be dependent on.

Join our experts to understand the security risks and threats associated with applications, and discuss with us the challenges that your organisations are facing in securing them.

6 Biometrics and Identity Management

Biometrics technologies are increasingly being used as a factor of authentication for secure identification and verification across government and commercial entities alike. The fusion of biometrics and identity management has led to the development of innovative solutions used to secure both the identities and the confidential information of individuals and organisations.

This track showcases the latest trends on biometrics in identity management and how this technology may be further leveraged on.

Sponsorship & Exhibition Opportunities

If you would like to learn more about the sponsorship opportunities available or showcase your products and solutions to key decision makers, please contact:

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Conference Fees

Public Sector Participants* S\$498
Industry Participants S\$690

* Please contact Civil Service College to register for the event.

Other Highlights

End User Awareness Forum

Public sector officers in Singapore are required to handle sensitive information in electronic form regularly. Determined adversaries will always be keen in getting hold of this information or cause some form of disruption to the targeted individuals/organisations. In many cases, attacks continue to be successful due to a combination of not having the right security tools, poor security practices and more importantly the lack of awareness

As part of GovernmentWare 2011, the End-User Awareness Forum aims to educate participants on the importance of information security and the role that they play as an end-user. The Forum will apprise the audience of the latest evolving threats that they are facing and provide insights on the security measures and best practices that can be undertaken to mitigate the potential threats.

CXO Session

BY INVITATION

CXO session provides a unique platform for major stakeholders such as CEOs, CIOs and CISOs, to interact and discuss real-life scenarios and considerations in securing their business environments. The focus for this year will be on the evolving threat paradigm – Advance Persistent Threat (APT). With the heightening of APT threats, it is becoming imperative for organisations to take a more proactive and refreshed approach to IT security.

Through this session, delegates will acquire insight into these well coordinated and sophisticated attacks, thus recognizing the inherent risk and impact posed to the organisations. Delegates can look forward to an engaging and interactive discussion on the counter-strategies presented.

Participation from Institutes of Higher Learning

NEW

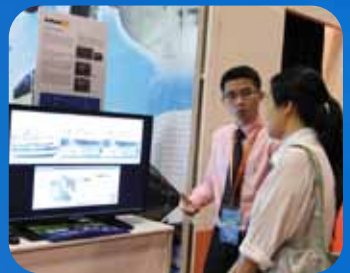
The future of IT security inevitably lies in the hands of the next generation. It is the future IT security professionals that would take the IT security industry in Singapore to greater heights. Hence, it is important to ensure that the knowledge and skill-sets are passed on to the next generation. The exposure is necessary for them to better understand and appreciate the concerns and directions which the industry is heading towards.

Tertiary students will be invited to participate in this year's GovernmentWare. Besides attending the seminars, they would be showcasing their exhibits and would also participate in the Singapore Cyber Conquest. Through these activities, students would have a common platform to interact with IT security professionals, catalysing ideas and growth in the IT security industry.

Singapore Cyber Conquest 2011

GovernmentWare's premier competition, Singapore Cyber Conquest, is back by popular demand and open to all tertiary students. This year's competition is bigger and aims to challenge the limits of the participating contestants. Featuring an 'enterprise' network, contestants will have the opportunity to test and pit their 'hacking' skills against fellow contestants.

Through a series of challenges, participants will be able to gauge their skills and at the same time, gain exposure to the exciting world of IT Security.



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