

Post event report



The 9th e-Crime & Cybersecurity Dubai

29th March 2017 | Dubai, UAE

Strategic Sponsors



Education Seminar Sponsors



Networking Sponsors



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“ As usual e-Crime Congress never failed or even exceed my expectations, the presentations have always been refreshing, realistic and updated according to the current trends, on how to mitigate the risk of cybercrime. ”

IT Manager, Alfalah Exchange Company

“ Every attendance to an e-Crime Congress is a well invested time and effort as it gives the delegates the latest innovative products in the cybersecurity industry. At the same time, it discusses the latest threats (and attacks) across the cyber world that everyone should be concerned of. The wide range of (competing) products and services being presented and offered gives the delegates more options to consider that will suit the organisation’s immediate and long-term security needs. ”

Internal Auditor, Apostolic Vicariate of Southern Arabia (AVOSA)

“ The e-crime event is as usual great security event and good networking. Such events are always good to attend to hear from both point of view, manufacturer and customer to face all security and e-crime challenges in this rapid, evolving interconnected world. ”

Senior Manager, Abdul Latif Jameel International DMCC

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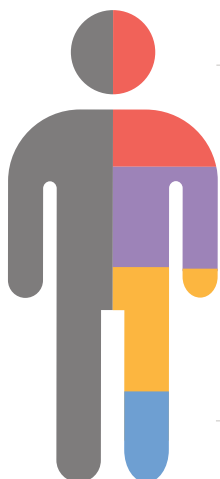
Speakers

Hussain AlKhalsan, Deputy Head of IT Risk & GRC, **Commercial Bank of Dubai**; Simon Brady, Managing Editor, **AKJ Associates**; Saqib Chaudhry, Chief Information Security Officer, **Cleveland Clinic Abu Dhabi**; John J. Czaplewski, Director, David Lynas Consulting Ltd (**SABSAcourses**); Michael D'arcy, Commercial Director, **Darktrace**; Plamen Dimitrov, Global IT Security Manager, **Jacobs Douwe Egberts**; Mazen Dohaji, Regional Director – Middle East, Turkey & Africa, **LogRhythm MENA**; George Eapen, Regional CISO, **General Electric**; Dr. Angelika Eksteen, Chief Strategic Officer, **Help AG Middle East FZ LLC**; Mario Foster, Group Chief Information Officer, **Al Naboodah Group Enterprises LLC**; Anas Hadidi, CISSP, Security Solutions Architect – EMEA, **HPE Hewlett Packard Enterprise**; Mohammad Amin Hasbini, Senior Security Researcher, **Kaspersky Lab**; Aaron Higbee, Chief Technology Officer & Co-founder, **PhishMe**; Petr Hnevkovsky, Senior Solution Architect, **HPE Hewlett Packard Enterprise**; Helge Husemann, Senior Account Manager, **Malwarebytes**; Hadi Jaafarawi, CISSP, CISA, Managing Director – Middle East, **Qualys Middle East FZE**; Sebastian Madden, Group Director, Cyber and Technology, **PGI**; Azhar Mahmood, Head of Agency and Security Trustee Unit, **ASM Investment Venture**; David Malcher, EMEA Practice Lead – Foundstone Services, **Intel Security**; Pillairkulam Parthasarathy, Sr. VP – Operational Risk, Fraud, BCP & Technology Risk, **First Gulf Bank**; Haider Pasha, Director for Security Strategy Emerging Markets, **Symantec**; Matthew Platten, Anti-Fraud Solutions Consultant, **Easy Solutions**; Tony Rowan, Director of Security Architecture EMEA, **SentinelOne Inc.**; Oliver Sealey, Senior Cyber Security Consultant, **PGI**; Vibin Shaju, Pre Sales Manager Middle East, **Intel Security** (McAfee); Nicolai Solling, Chief Technology Officer, **Help AG Middle East FZ LLC**; Jason Steer, CTO EMEA, **Menlo**; Staffan Truvé, Co-founder & CTO, **Recorded Future**; Zeki Turedi, Lead Security Engineer, **CrowdStrike**; Balasubramanian Venkatramani, Product Manager, **ManageEngine**, a division of Zoho Corp; Robert Walker, Managing Director, **AKJ Associates**; Lloyd Webb, Director of Sales Engineering – EMEA, **Cylance Inc**; Kirk Patrick Wheeler, CISO, **Investment Banking**

Key themes

- Will you pass the scrutiny test?
- Optimise your incident response plan
- Securing email and social media
- Employee awareness and engagement
- Cyber threats and responses in the financial sector
- Consequences of the cloud

Who attended?



Cyber-security

We have a 15-year track record of producing the events cyber-security professionals take seriously



Risk Management

We attract senior risk officers with responsibility for information risk assessment and mitigation



Fraud, Audit, Compliance

We provide the go-to events for fraud prevention and compliance owners at the world's key corporates



Data Protection & privacy

We are a key venue for decision-makers with budget and purchasing authority

Agenda					
08:00	Registration				
08:50	Conference welcome, Robert Walker , Managing Director, AKJ Associates				
09:00	Implementing an effective cyber strategy in an enterprise: How to identify key risks in an enterprise covering IT & OT				
	<p>George Eapen, Regional CISO, General Electric</p> <ul style="list-style-type: none"> • Evolving role of a CISO in the interconnected world • Cross functional collaboration and partnership to mitigate the IT/OT risk • Strategy to drive a cyber culture in the organisation involving key partners 				
09:20	The Enterprise Immune System: Using machine learning for next-generation cyber defence				
	<p>Michael D'arcy, Commercial Director, Darktrace</p> <ul style="list-style-type: none"> • How new machine learning and mathematics are automating advanced cyber defence • Why 100% network visibility allows you to detect threats as they happen, or before they happen • How smart prioritisation and visualisation of threats allows for better resource allocation and lower risk • Real-world examples of unknown threats detected by 'immune system' technology 				
09:40	Proactive security services by Foundstone				
	<p>David Malcher, EMEA Practice Lead – Foundstone Services, Intel Security; and Vibin Shaju, Pre Sales Manager Middle East, Intel Security (McAfee)</p> <p>This session will guide you to through the latest and innovative services provided by Foundstone to support your proactive detection and protection against threats.</p> <ul style="list-style-type: none"> • Threat landscape: Update on latest threats and incidents • How our Threat Hunting service can be used to detect threats in your environment • Improve your incident response with RedTeam exercises and DryRun sessions 				
10:00	Intrusion vs. Breach: Your fate will be determined by your speed of detection and response				
	<p>Mazen Dohaji, Regional Director – Middle East, Turkey & Africa, LogRhythm MENA</p> <ul style="list-style-type: none"> • An intrusion doesn't equal a breach: Key differences you need to know • The risk associated with loss of reputation, customer data and business interruption, how this hinges on your ability to detect, prioritise and neutralise cyber threats in real time • LogRhythm's clearly defined Security Intelligence Maturity Model: Assess your current capability to detect, react and respond to intrusions before they become breaches • How you can move your organisation closer to nation state protection by introducing next-gen SIEM security analytics and automated response 				
10:20	Education Seminar Session 1				
	<p>CrowdStrike Hacking exposed: Real-world tradecraft of bears, pandas and kittens Zeki Turedi, Lead Security Engineer, CrowdStrike</p>	<p>Easy Solutions Authentication Simple as a Selfie: How biometrics are reducing customer friction & improving security Matthew Platten, Anti-Fraud Solutions Consultant, Easy Solutions</p>	<p>Malwarebytes Helge Husemann, Senior Account Manager, Malwarebytes</p>	<p>PGI Introduction to Metasploit Oliver Sealey, Senior Cyber Security Consultant, PGI; and Sebastian Madden, Group Director, Cyber and Technology, PGI</p>	<p>Qualys Security as an enabler to digital transformation Hadi Jaafarawi, CISSP, CISA, Managing Director – Middle East, Qualys Middle East FZE</p>
11:00	Refreshments and networking break				
11:30	Security implementation in financial institutions in the background of cyber attacks				
	<p>Pillairkulam Parthasarathy, Sr. VP – Operational Risk, Fraud, BCP & Technology Risk, First Gulf Bank</p> <ul style="list-style-type: none"> • Big data breach expected in 2017? The industrial internet of things and what it means for the future • The biggest concerns facing CIOs and CISOs this year. What's keeping cybersecurity leaders up at night? • The CISO's role in incident response: What is expected of today's CISOs? How can they effectively manage business efficiency and protect the organisation? 				
11:50	Ransomware: Is it a special form of crimeware?				
	<p>Tony Rowan, Director of Security Architecture EMEA, SentinelOne Inc.</p> <ul style="list-style-type: none"> • How has ransomware evolved • The trends and likely future directions of ransomware • How behaviours can be used to isolate ransomware and other forms of malware • An effective strategy for dealing with malware incidents 				
12:10	A history of human progress – 'using AI to prevent malware'				
	<p>Lloyd Webb, Director of Sales Engineering – EMEA, Cylance Inc</p> <ul style="list-style-type: none"> • A history of the advances in human progress • How recent progress in AI and machine learning can be used as a valuable tool • How to prevent and predict known and unknown malware attacks 				
12:30	Phishing evolution and the attackers' perspective				
	<p>Aaron Higbee, Chief Technology Officer & Co-founder, PhishMe</p> <ul style="list-style-type: none"> • We've been trying to solve phishing for over 10 years • There are more cybersecurity companies now than ever • What are the attackers doing to stay one step ahead? 				

Agenda

12:50	Education Seminar Session 2				
	Kaspersky Lab Shamoon strikes, StoneDrill discovered Mohammad Amin Hasbini , Senior Security Researcher, Kaspersky Lab	ManageEngine Reinforcing IT security with Privileged Account Management Balasubramanian Venkatramani , Product Manager, ManageEngine, a division of Zoho Corp	PGI Botnets and remote access tools Oliver Sealey , Senior Cyber Security Consultant, PGI; and Sebastian Madden , Group Director, Cyber and Technology, PGI	Qualys Security as an enabler to digital transformation Hadi Jaafarawi , CISSP, CISA, Managing Director – Middle East, Qualys Middle East FZE	SABSAcourses Transform your enterprise security into a centre of excellence and business value John J. Czaplewski , Director, David Lynas Consulting Ltd (SABSAcourses)
13:30	Lunch and networking				
14:30	EXECUTIVE PANEL DISCUSSION How to succeed in cybersecurity				
	Mario Foster , Group Chief Information Officer, Al Naboodah Group Enterprises LLC Plamen Dimitrov , Global IT Security Manager, Jacobs Douwe Egberts Azhar Mahmood , Head of Agency and Security Trustee Unit, ASM Investment Venture Jason Steer , CTO EMEA, Menlo				
14:50	Building an effective threat intelligence capability				
	Haider Pasha , Director for Security Strategy Emerging Markets, Symantec <ul style="list-style-type: none"> Cyber threat landscape in detail: How the onset of complex tools and techniques can block advanced threats How to ingest threat intelligence information so that an effective action can be taken Building that threat intelligence framework and how this can be integrated in every level of a Security Operation Centre 				
15:10	Open Source Threat Intelligence for the financial sector				
	Staffan Truvé , Co-founder & CTO, Recorded Future <ul style="list-style-type: none"> Background to Open Source Threat Intelligence Threats to the financial sector and how Open Source Intelligence can be used to detect them Recorded Future's approach to providing comprehensive threat intelligence through open source analyses 				
15:30	Building proactive and predictive intelligent security operations				
	Anas Hadidi , CISSP, Security Solutions Architect – EMEA, HPE Hewlett Packard Enterprise; and Petr Hnevkovsky , Senior Solution Architect, HPE Hewlett Packard Enterprise This session will take you through a journey of HPE Security ArcSight's latest innovations which help security teams: <ul style="list-style-type: none"> Have more situation awareness and better collaboration with other business entities Move from reactive security to proactive and predictive security Empower security analysts with intuitive search and responding 				
15:50	Key cybersecurity challenges in the healthcare sector				
	Saqib Chaudhry , Chief Information Security Officer, Cleveland Clinic Abu Dhabi <ul style="list-style-type: none"> Advanced threat management: An industry leader's perspective Rethinking cybersecurity, what do we need to do? Case studies and lessons learnt from the world's most targeted sector 				
16:10	Refreshments and networking break				
16:30	Governance, compliance and major standards, new advisories, best practices, and what you need to know				
	Dr. Angelika Eksteen , Chief Strategic Officer, Help AG Middle East FZ LLC; and Nicolai Solling , Chief Technology Officer, Help AG Middle East FZ LLC <ul style="list-style-type: none"> ISO/IEC 27032 and the newly formed Study Periods on cybersecurity How we work with customers to ensure that they are aligned with ISO/IEC 27032 How Managed Security Services solves some of the difficult elements of cybersecurity robustness 				
16:50	Strategies to combat malwares through phishing				
	Hussain AlKhalsan , Deputy Head of IT Risk & GRC, Commercial Bank of Dubai <ul style="list-style-type: none"> Is phishing (really) a problem? Commercial Bank of Dubai's journey on phishing 7 tactics which assists in combating malwares through phishing 				
17:10	Digital bank robbery, the 21st Century's 'perfect crime' (and how to make it a little less perfect)				
	Kirk Patrick Wheeler , CISO, Investment Banking <ul style="list-style-type: none"> Historical bank robbery and sociological underpinnings Why digital bank robbery is today's 'perfect crime' and the growing competitive landscape Why our traditional layered defences are failing with modern criminal business innovation Where we see emergent solutions and building our cyber resilient business 				
17:30	Prize draw and closing remarks, Simon Brady , Managing Editor, AKJ Associates				

Education Seminars	
<p>CrowdStrike</p> <p>Hacking exposed: Real-world tradecraft of bears, pandas and kittens</p> <p>Presenter: Zeki Turedi, Lead Security Engineer, CrowdStrike</p>	<p>This session explores the evolution of threats – from discrete criminal events to an offensive weapon. We'll lift the lid on the latest attack techniques, adopted by nation state actors, which invariably find their way into the mainstream criminal world and are therefore an indicator of what to prepare for.</p> <p>Zeki will reference who the most active and advanced adversaries are, what attack vectors they typically employ, and how we can apply this intelligence to prevent, protect and respond. Using simulated attack scenarios and personal examples of the speaker's experience, attendees will learn how to spot indicators of compromise and attack, and how to safeguard their organisation accordingly.</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> How nation-state threats are crafted and how their Tactics, Techniques, and Procedures (TTPs) help identify them from more routine advanced attacks Who are the most notable adversaries in 2017 and the key European security themes based on the latest intelligence compiled across CrowdStrike's global intelligence gathering operation What are the indicators of attack and how you can apply them to defeat the adversary?
<p>Easy Solutions</p> <p>Authentication Simple as a Selfie: How biometrics are reducing customer friction & improving security</p> <p>Presenter: Matthew Platten, Anti-Fraud Solutions Consultant, Easy Solutions</p>	<p>Biometric authentication adoption is booming because it helps balance security and convenience by reducing customer friction. Our fingerprints, voice, face and more can all be used to validate our identity online. But where do biometrics fit in an authentication framework and how can these factors best be deployed?</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> New biometric options and how they reduce customer friction Various forms of biometrics, and how to leverage them The need to integrate biometrics with legacy authentication systems Why biometrics need to be part of an authentication framework in a layered fraud protection strategy
<p>Kaspersky Lab</p> <p>Shamoon strikes, StoneDrill discovered</p> <p>Presenter: Mohammad Amin Hasbini, Senior Security Researcher, Kaspersky Lab</p>	<p>There have been a handful of identified wiper malware attacks in the wild in the last few years, since Shamoon's destruction of more than 35,000 workstations at Saudi Aramco in 2012.</p> <p>This presentation will detail the malware findings from the recent Shamoon2.0 attacks that surfaced in November 2016 and the recently found shamoon-like malware called StoneDrill, announced in March 2017. The presentation will also detail the findings in the malware functions and how can such malware attacks be discovered and identified.</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> Newly uncovered information on Shamoon2.0 and StoneDrill What do the newly found attacks mean for the ME region in particular, but also for other regions? How can Yara rules be used to discover and detect malware activities?
<p>Malwarebytes</p> <p>Presenter: Helge Husemann, Senior Account Manager, Malwarebytes</p>	

Education Seminars	
<p>ManageEngine</p> <p>Reinforcing IT security with Privileged Account Management</p> <p>Presenter: Balasubramanian Venkatramani, Product Manager, ManageEngine, a division of Zoho Corp.</p>	<p>Our businesses keep growing, but so do cyber risks. To stay in control, we need to put tighter locks on privileged accounts, the keys to the IT kingdom. Improper management of privileged accounts could result in unauthorised access to IT resources and eventually land organisations in security and compliance trouble.</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> • Exploitation of administrative access by hackers and insiders • Changing threat landscape and attack patterns • Strategies for detecting and mitigating the threats • Importance of real-time monitoring, session management and essential security controls <p>and how to reinforce IT security by</p> <ul style="list-style-type: none"> • Setting up a secure, central repository of all privileged accounts • Establishing and automate policies around shared passwords • Allow users to launch remote RDP, SSH, Telnet, and SQL console sessions without displaying their underlying passwords • Track privileged access with session recording and shadowing
<p>PGI</p> <p>Introduction to Metasploit</p> <p>Presenters: Oliver Sealey, Senior Cyber Security Consultant, PGI; and Sebastian Madden, Group Director, Cyber and Technology, PGI</p>	<p>Metasploit is one of the primary tools used by many attacking computer systems. PGI will show attendees how cybercriminals navigate and use Metasploit; how they choose targets to attack, how they gather information from the compromised system and how they establish a 'backdoor' on the computers they break into to allow them to maintain long-term access.</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> • To use knowledge obtained from the module to put potential criminal activity into a workplace context • To understand how the systems they use can be accessed to obtain sensitive data that could be used to copy/sell IP, defraud or monitor internal communications to help create a cyber secure working culture
<p>PGI</p> <p>Botnets and remote access tools</p> <p>Presenters: Oliver Sealey, Senior Cyber Security Consultant, PGI; and Sebastian Madden, Group Director, Cyber and Technology, PGI</p>	<p>A demonstration of how remote access tools (RATs) and botnets are simple yet effective methods of attacks on users. Attendees will see how criminals create, run and operate RATs and botnets from one attacker computer to control behaviours of remote computers, without the user being able to control these actions.</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> • To understand how easy it is to control a computer remotely • To recognise the power of a friendly, easy to use yet malicious piece of software that can be easily but cleverly disguised
<p>Qualys</p> <p>Security as an enabler to digital transformation</p> <p>Presenter: Hadi Jaafarawi, CISSP, CISA, Managing Director – Middle East, Qualys Middle East FZE</p>	<p>How do we regain the insight in our environments? We have lost much insight in how our IT operations and security is operated and more importantly how it is performing.</p> <p>With the relentless move to cloud platforms, being a private or public one, or perhaps even a hybrid, we stand to lose even more visibility and control in our day to day and strategic operations.</p> <p>What attendees will learn:</p> <ul style="list-style-type: none"> • What do enterprises need to do to regain control and how have Qualys customers taken on this challenge? • In this presentation we aim to help you see a path forward, and roads into the near and distant future of your IT infra and asset management, and you will learn how Qualys can be of paramount support in this quest

Education Seminars

SABSACourses

Transform your enterprise security into a centre of excellence and business value

Presenter: John J. Czaplewski, Director, David Lynas Consulting Ltd (SABSACourses)

The modern enterprise requires enterprise security that demonstrably delivers true business value by enabling business goals and objectives while mitigating threats. Today's enterprise must transform its enterprise security functions, wherever they exist in the organisation, from threat-focused sources of cost and business prevention into a coherent centre of excellence delivering business value to enable the risk-managed pursuit of core business goals and objectives.

The SABSA Enterprise Security Architecture Framework and Methodology enables the modern enterprises' pursuit of business goals and objectives by holistically addressing the threats and opportunities that make up the dynamic, often chaotic, risk environment to assure deployment of the right security, in the right place, at the right time. 'Right' means what is right for the enterprise, your enterprise – enabling it to pursue its unique set of goals and objectives. It takes more than ever-increasing streams of money and continuous effort. Business enablement requires an architected approach to delivering engineered security across the enterprise.

What attendees will learn:

- How to enable the business by architecting trusted business operations
- How to assure that your enterprise security architecture traceably supports real business goals and objectives
- How to leverage the drivers and constraints of compliance requirements to enable the business, improve performance and achieve competitive advantage