Business Future Series
BFS 2: Cyber Security for Directors

Target Audience	:	Directors and senior management of companies seeking to better understand cyber threats and the board's response
Date	:	26 September 2019
Time	:	9.00 am to 1.00 pm
Venue	:	Ensign InfoSecurity, 30A Kallang Place, #08-01, Singapore 339213
Cost	:	SID Member: S$450 (excl. GST); S$481.50 (incl. GST)
		Non SID Member: S$620 (excl. GST); S$663.40 (incl. GST)
CPD	:	4 hours

The course provides directors with a primer on the emerging trends in cyber security and the strategies and tools available to manage cyber risks. Participants will experience an immersive cyber crisis war game, engage with PwC cyber security experts in post-game analysis of their decision making process and tour the Ensign InfoSecurity Executive Briefing Centre. This course is organised in collaboration with PwC, Ensign InfoSecurity and Dimension Data.

Course Objectives

1. Gain an overall understanding of the cyber security landscape.
2. Understand the real-time considerations of a cyber attack and the responses to it.
3. Gain insights into how organisations can detect, prevent and recover from cyber breaches.
4. Appreciate the board's oversight responsibilities in cyber security, and considerations when assessing an organisation's preparedness.
5. Glean learning points from companies' case studies.

Programme

8.30 am	Registration
9.00 am	Introduction
9.05 am	The Future of Cyber Security: Key Trends and Mitigation Efforts
9.25 am	War game on cyber security
10.55 am	Tea Break
11.10 am	Findings on Global Report Survey
11.30 am	Panel Discussion and Q &A
12.15 pm	End of Programme (*Showcase of Executive Briefing Centre and Lunch)

*Information for Executive Briefing Centre

1. Admission to the walk-through of the Executive Briefing Centre is by invite-only.
2. Ensign reserves the right to refuse entrants who do not meet the admission criteria for the Executive Briefing Centre walk-through. This includes competitor firms to Ensign.
3. Successful registration for Ensign's Briefing Centre Tour are not transferrable.
4. A successful registration for the main SID event does not automatically permit you entry into Ensign's Executive Briefing Centre.

Duration/ Time	Agenda	Speaker
8.30 am	Registration	
9.00 am	Opening by SID	
9.05 am (20 minutes)	**The Future of Cyber Security: Key Trends and Mitigation Efforts**	**Low Chee Juee, VP Consulting** Ensign InfoSecurity
9.25 am (90 minutes)	**Cyber Security War Game "Game of Threats"** Post-Game Discussion *Game of Threats™* simulates the experience that executives must go through in the midst of a cyber attack. PwC's immersive cyber crisis game challenges players to make quick, high impact decisions during an attack. During the post-game session PwC's cybersecurity experts engage the players to analyse their decision making process. Players walk away with a better appreciation of the challenges and potential pitfalls so as to be better prepared.	PwC
10.55 am	**Break**	
11.10 am (20 minutes)	**2019 Global Threat Intelligence Report**	**Chang Boon Tee** Director, Managed Security Services Sales, NTT Ltd
11.30am (45 minutes)	Panel Discussion and Q&A	1.Moderator Poh Mui Hoon (SID Council) 2. Tan Shong Ye Partner, Digital Trust Leader (PwC Singapore) 3. Charles Ng EVP (International and Consulting) [Ensign InfoSecurity] 4. Chang Boon Tee Director, Managed Security Services Sales, (NTT Ltd)
12.15pm	***Showcase of Executive Briefing Centre -30 minutes** **Lunch**	Ensign InfoSecurity

Charles Ng
Executive Vice President, International & Professional Security Services
Ensign InfoSecurity

Charles Ng is currently the Executive Vice President (International & Professional Services) in Ensign InfoSecurity, one of Asia's largest integrated pure-play cybersecurity firms. In his role, he drives the growth of Ensign's cyber security services in the region. This includes providing the Boards and Management of multinational companies with advice, as well as bespoke solutions to help resolve their cybersecurity challenges.

Prior to this, Charles started and headed the Booz Allen Hamilton Cyber Security practice in Asia Pacific. While in government, Charles was involved in the formation of the Cyber Security Agency of Singapore (CSA).

Charles studied in Oxford University and the Lee Kuan Yew School of Public Policy.

Low Chee Juee
VP Consulting
Ensign InfoSecurity

- **Principal** leading operations and competency development in a US defense contractor for ASEAN.
- **Lead technologist** for acquisition support and strategic partnership with a US based healthcare analytics and technology startup among other M&A Cyber due diligence projects including cyber insurance.
- Held **CIO, CTO and CISO appointments across** a group of companies in a vertically **integrated healthcare service provider group** in APAC.
- **CISO for a public utility (GenCo) and Telcom service provider** across ASEAN (IT and OT cyber).
- **Managed four Global Security Operations Center (SOC)** operations and service management for a US MNC.
- Development of groupwide enterprise architecture and technology blueprint for IT consolidation plans, including Cloud technology operations and cyber security operations, across APAC.
- **Lead investigator for digital forensics and litigation support** in numerous first and third party corporate assurance projects.
- Led and delivered numerous **cyber security war games, table top exercises (TTX) and simulation assessments** across a number of industry verticals.
- Led and delivered **large global cyber security maturity assessment projects** in Asia, Americas and Europe.
- **Principal technologist** and business development lead in a US **management consulting** firm, leading:
✓ Cyber Security enablement and readiness assessment and third party assurance programs (including NIST CSF, MAS TRMG, SWIFT CSP, HKMA-CFI / CRAF, PDPA Trustmark, ISMS);
✓ Advanced Security Operations Center (SOC) and Cyber Fusion Center (CFC) design, build and operate;
✓ Cloud Security Consulting and Readiness Assessment;
✓ Red teaming and APT hunting / Proactive Cyber Threat Hunting
✓ Advanced Threat Research;
✓ Cyber Threat Intelligence;
✓ Cyber War Gaming; and
Cyber Board Training; and ICS-SCADA / Industrial Cyber Security.

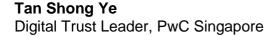**Poh Mui Hoon**
Council Member, SID

Ms Poh Mui Hoon is an experienced Digital Director on boards of both for-profit and nonprofit organisations. Her career over the years has spanned various technology companies in areas such as electronic payments, e-commerce, data centres, systems integration and telecommunications. She is a member of the SID Governing Council and chair of its Professional Development Online Committee. She is a board member of Singapore Pools, Sistic and SATA CommHealth, and was formerly on the boards of SP PowerGrid, Singapore Telecommunications and other private companies. She is also part the NTUitive's Investment Committee for the Strategic Research Innovation Fund to evaluate innovative technology ideas. She was conferred the Distinguished Alumni Achievement Award by the Institute of Systems Science, NUS, in 2011 and is currently a Fellow of both the Singapore Institute of Directors and Singapore Computer Society.

Tan Shong Ye
Digital Trust Leader, PwC Singapore

Shong Ye has 23 years of experience in IT risk, security, data protection and audit. He has led hundreds of IT risk & security assessment, reviews, audits, testing, training, advisory and implementation assignments in Asia. His clients include the largest organisations in the region, covering data protection, industry-wide technology regulations and initiatives and industry-wide cyber-incident response exercise.

He is the chairman of the Audit Committee for a healthcare organiastion, member of IT steering committee for Assisi Hospice and advisory committee member of School of Infocomm of Republic Polytechnic. Shong Ye was an adjunct professor at the Singapore Management University. Shong Ye was a part-time lecturer for the IT audit and controls course for the MBA programme of the Nanyang Business School, Singapore. He was also a member of the Singapore IT standards committee, IT governance sub-committee.

Shong Ye holds an MBA from the University of Chicago, and he is a trained engineer with two Masters degrees from France.

Chang Boon Tee
Director, Managed Security Services Sales, NTT Ltd

Boon Tee is the APAC Sales lead for Managed Security Services. He is responsible to develop GTM strategy and execution plan to achieve targeted business objectives and sales goals across APAC. In this role, he constantly remains on top of industry trends, anticipating client needs, recommending the development of new services and solutions. He regularly speaks in Cybersecurity events and has delivered many consulting and advisory services to enterprises.

Experience in cross platform technologies such as Cloud, Data Centre and Digital solutions with the focus in making cybersecurity as a key enabler in organisations' digital transformation plans.

Boon Tee graduated in Computer Science and currently holds the CISSP professional certification.

Registration

Please register online at www.sid.org.sg by **20 September 2019.**

Course Enquiries

Email : events@sid.org.sg
Tel : (+65) 6422 1188
Fax : (+65) 6422 1199

Upon successfully enrolling for the course, you are deemed to have read and accepted SID's Terms and Conditions stated overleaf.

TERMS AND CONDITIONS FOR SID COURSES/EVENTS

SID's courses and events are subject to terms and conditions as set out below. The Institute reserves the right to changes these terms and conditions without notice.

COURSE/EVENT REGISTRATION

A participant is successfully enrolled for the course/event once an invoice is generated.

NO CANCELLATION

There will be strictly no cancellation once the participant is successfully enrolled for the course/event.

NO-SHOW

There will be strictly no refund of fees for no-show.

REQUEST FOR REPLACEMENT OR DEFERMENT

Where a participant cannot attend a course, he/she may request to send a replacement or defer the course subject to the following conditions:

1. Replacement of a participant is subject to at least 5 working days prior notice in writing. In the case whereby a SID member participant is replaced by a non-member, a top-up fee will be levied. No refund will be made if a non-member participant is replaced by a member.

2. Deferment of a course to the next scheduled date (for same course) is subject to at least 10 working days prior notice in writing. Deferment is only allowed for half day and full day courses run by SID. An administration fee for each deferment of S$50 (for half day course) and S$100 (for full day course) shall apply.

CANCELLATION OF COURSE/EVENT BY SID

SID will exercise all possible care to run the confirmed courses. However, in the event of unforeseen circumstances or low enrolment, SID reserves the right to cancel or defer the course/event, and/or to change venue, speaker, course date and fees. SID will make all reasonable efforts to notify participants of changes, should they happen.

If SID cancels a course, a full refund will be made to the participants.

CPD HOURS & CERTIFICATE OF ATTENDANCE

Entitlement of CPD hours / Certificate of Attendance is subject to the participant arriving no later than 30 minutes after the programme starts or leaving no more than 30 minutes before the programme ends, and submitting the module Evaluation Form only at the end of the event.

CAR PARK COUPONS

Complimentary car park coupons, where available, are given on a first-come-first-served basis.

PAYMENT POLICY AND OPTIONS

Course/Event fees are due upon registration, and payment should reach SID at least 7 working days before the course date. SID reserves the right to refuse admission if payment is not received in full before a course/event.

1. Online Payment
    Log in to your account at www.sid.org.sg
    Select invoice to pay at "My Open Invoices".

2. Cheque Payment
    Payable to: Singapore Institute of Directors (please quote invoice number behind the cheque)
    Mail to: 168 Robinson Road, #11-03, Capital Tower, Singapore 068912
    Attention to: Finance Department

3. Telegraphic Transfer
    Bank Name: DBS Bank Limited
    Branch: Raffles Place Branch
    Bank Code: 7171
    Beneficiary Name: Singapore Institute of Directors Account Number: 048-016620-2
    Swift Code: dbsssgsg
    Reference: Please quote invoice number
    (Note: All bank charges are to be borne by the applicant)