The SECURITY *times* NEWSLETTER

SECURITY INDUSTRY CONFERENCE 2018 ★ SINGAPORE ★

SAFETY &
SECURITY
ASIA **2018**
SINGAPORE

THE 17TH INTERNATIONAL SAFETY & SECURITY
TECHNOLOGY & EQUIPMENT EXHIBITION

Officiating Ceremony

Guest-of-Honour:
Mrs Josephine Teo

**Minister for Manpower and Second Minister for Home Affairs
Marina Bay SandsConvention Centre, Hall B
03 October 2018 Wednesday 9:30**

PAST EVENTS

"COUNTERING TERRORISM: THREATS,
RESPONSES, INTELLIGENCE AND DECISION
MAKING" WORKSHOPS

- -

"YOUR INTANGIBLE ASSETS – GOLDMINES
OR LANDMINES?" WORKSHOP

- -

SECURITY OFFICERS DAY AWARDS 2018
AND LAUNCH OF THE SECURITY INDUSTRY
DIGITAL PLAN

- -

UNDERSTANDING CYBER RISK
ASSESSMENT & MANAGEMENT WORKSHOP

- -

SECURITY LEARNING SYMPOSIUM

- -

"INTEGRATING BUILDING INFORMATION
MODELLING (BIM) AND PHYSICAL
SECURITY INFORMATION MODELLING
(PSIM)" WORKSHOP

FEATURE STORY

THE FUTURE OF SECURITY:
FICTION OR REALITY?

Dear Readers,

The security industry has been undergoing significant transformation in responding to a fast changing landscape.

SII collaborated with SkillsFuture Singapore to develop the Digital Training Roadmap in support of the Security Industry Digital Plan (IDP) launched by the Info-communications Media Development Authority (IMDA) and Ministry of Home Affairs (MHA) on 18 July 2018. Hence, we will be launching a series of Security Technology courses to assist the security workforce in their digitalisation efforts. You can look forward to "Getting Digital Economy Ready" at Stage 1 of the IDP in first quarter 2019. The workshop will equip security personnel with the mindset and skills to prepare them for the future economy. It includes developing basic understanding of emerging technologies in handing daily operations and trending security challenges and impact on the security sector.

In addition, SII has developed Micro Learning Courses (MLCs) on a mobile platform to engage the security workforce and help them learn faster and better, at the convenience and comfort of their preferred learning environment. You are encouraged to try out the two complimentary MLCs via our website.

On 27 August 2018, SII celebrated our 10th Anniversary. The Guest of Honour was Mr Zainal Sapari, Member of Parliament, Pasir Ris-Punggol GRC (Pasir Ris East) and Co-Chair of Security Industry Transformation Map (ITM) Tripartite Committee. Some of our significant achievements were high passing rate, 60,000 training places, 7,000 job placements, 7 conferences organised, 20 short courses and 20 e-learning modules offered. We had also successfully launched the Security ITM together with MHA in February 2018 and will offer the inaugural Specialist Diploma in Security Consultancy together with MHA-Centre for Protective Security Studies (CPSS) in April 2019. Temasek Polytechnic's School of Engineering research centres: Interactive Digital Centre Asia and the Aviation Research Centre also showcased their augmented reality and drone technologies amongst five industry vendors to the 100 participants at the event.

This issue of the "Security Times" focuses on the Security Industry Conference (SIC) and Masterclass 2018 and the theme was "The Future of Security: Fiction or Reality?". The Guest of Honour, Mrs Josephine Teo, Minister for Manpower and Second Minister for Home Affairs, spoke on "Modernising Security Contracts". Details are found in the Feature Story. SII also took the lead and conducted the inaugural "Outcome-Based Contract" workshop on 14 November 2018. We were privileged to have Mr Ong Chia Choong, Director, Security Division, JTC Corporation as the guest speaker.

On this note, I wish you a safe and secure 2018 and Happy Reading!

Johnson Ng
Head
Temasek Polytechnic – Security Industry Institute

Pillars of the Future Security Industry

Once again, we are proud to pave the way for the MHA SkillsFuture Study Award winners as they embark on their journey in the security industry.

"The SkillsFuture Study Award helps defray part of my fees for the Diploma in Security and Fire Safety Studies"

Yeo Quee Song Kelvin
Diploma in Security and Fire Safety Studies, Temasek Polytechnic

"I find the SkillsFuture Study Award a good platform for those who are really interested to pursue a career in the security industry, especially for those who are financially challenged."

Muhammad Luqman Bin Hamdi
Diploma in Security and Fire Safety Studies, Temasek Polytechnic

"This Award is useful in strengthening my foundation as I can further my studies."

Abill Fida Bin Karis
Diploma in Security Management Security Industry Institute

"This Award provides an opportunity for me to enhance my skills and make use of the knowledge that I have learnt."

Yap Kah Boon
Diploma in Security Management Security Industry Institute

"COUNTERING TERRORISM: THREATS, RESPONSES, INTELLIGENCE AND DECISION MAKING" WORKSHOPS

27 and 24 participants attended the above-mentioned workshops conducted by Dr Graham, Research Fellow at the S. Rajaratnam School of International Studies (RSIS), NTU on 13 April and 3 August 2018 respectively. The participants had the opportunity to apply their knowledge learnt through a mini-table top exercise that simulated a hypothetical terrorism scenario in Singapore.

13 April 2018 and 3 August 2018

"YOUR INTANGIBLE ASSETS – GOLDMINES OR LANDMINES?" WORKSHOP

SII, together with IP ValueLab, organised a workshop to equip the participants with information on how to protect their companies' valuable intangible assets and maximise the value of these assets with practical tips.

25 May 2018

SECURITY OFFICERS DAY AWARDS 2018 AND LAUNCH OF THE SECURITY INDUSTRY DIGITAL PLAN

The Security Industry Digital Plan (IDP) was launched by Mrs Josephine Teo, Minister for Manpower and Second Minister for Home Affairs at the Security Officers Day Awards 2018, organised by the Security Association Singapore (SAS). The Security IDP also includes a Digital Training Roadmap which was developed by both the SkillsFuture Singapore and SII.

18 July 2018

UNDERSTANDING CYBER RISK ASSESSMENT & MANAGEMENT WORKSHOP

12 participants were taught basic concepts of cyber security, risk assessment, management and treatment. These complemented their working experience in physical security.

20 July 2018

SECURITY LEARNING SYMPOSIUM

Mr Peter Tan from SII, was one of the 3 speakers for the Security Learning Symposium organised by KnowledgeTree Training Centre Pte Ltd. He presented on "The Need for Security Consultancy". The Security Consultant provides the right expertise and business networks and an objective perspective to the organisation. He also highlighted that skills, knowledge and attitude were the 3 key characteristics of a good Security Consultant.

26 July 2018

"INTEGRATING BUILDING INFORMATION MODELLING (BIM) AND PHYSICAL SECURITY INFORMATION MODELLING (PSIM)" WORKSHOP

Mr Tay Kok Chin, Chairman, Smart Cities Network shared that security agencies could differentiate themselves with the use of BIM technology to offer competitive security management packages and property owners could reduce their manpower costs. This was followed by presentations from Gabkotech Innovations Pte Ltd on iREP Security application and AxxonSoft APAC Team on Intellect, PSIM.

7 August 2018

THE FUTURE OF SECURITY:
FICTION OR REALITY?

The Security Industry Conference was a smash hit! Mrs Josephine Teo, Minister for Manpower and Second Minister for Home Affairs, kicked off the annual event by urging the security industry to re-imagine how security services are delivered in order to meet the challenges faced by the industry.

In her speech titled "Modernising Security Contracts", Minister Josephine Teo highlighted the importance of contracting practices in transforming the security industry: "All security services start with a contract between the client and the security agency. This contract sets expectations of how security services are to be delivered, which in turn shape what service providers can do. What the future of security will look like can sometimes be very dependent on just how the contract is done."

She urged the industry to break the assumption that more guards equal better security and take the first step to adopt outcome-based security contracts. This would allow security agencies to innovate and compete on how best to achieve the said security outcomes by combining technology and skilled manpower. She added that

the Government would take the lead in adopting outcome-based security contracts.

In conclusion, Mrs Teo highlighted the importance of the private security industry in keeping Singapore safe and secure and how adopting outcome-based contract could be the first step to uplift the industry.

TRENDING & DEVELOPMENT IN THE INDUSTRY

Keynote speaker, Mr Anthony Jones, Chief Information Officer of iCetana, Australia, shared that the security industry had advanced to become highly technological to counter the ever evolving threats including terrorism. The evolution of technology has had an incredible impact on the industry. Technology is a double-edged sword – it can be used to create threats as much as it can be used to develop solutions to counter these threats. As a result, it is critical that we apply technology to be able to counter these threats and protect our homeland.

Following that, Mr Charlie Ang, Founding President of The Innovators Institute, emphasised on innovation as the key driver of the industry as technology evolves in a blinding speed. Mr Muhammad Faizal Bin Abdul Rahman, Research Fellow of Centre of Excellence for National Security (CENS), S. Rajaratnam School of International Studies (RSIS) of NTU, added by sharing potential ethical issues that could arise such as infringement of privacy and the challenges involved in human-machine interface for operational decision-making in his message on "Leveraging on Smart Technology – Any ethical implications?". Mr Andy Tan, Executive Director of the Centre for Protective Security Studies (Ministry of Home Affairs, Singapore), took to the stage on "Managing Risk Assessment in the Face of Evolving Threats". The President of Security Association Singapore, Mr Raj Joshua Thomas gave a presentation entitled "Next Generation Workforce for the Security Industry". He explained

participants was whether AI would be able to replace human sensibilities.

Mr Tay Kok Chin, Chairman of Smart Cities Network, shed light on how to adopt an integrated approach for security and facilities management through a case study with Orchid Hotel. Next, Mr Ahravin, Chief Technology Officer of Securus Pte Ltd analysed and dissected the topic on "Securing the Next Generation with Digital Transformation". Mr Ong Chia Choong, JTC's Director of the Security Division; shared his experience on JTC's one-north project.

" AI HASN'T REPLACED HUMAN REASONING! IT EXCELS IN ANALYSING RELATIONSHIPS IN DATA AND TRENDS BUT FALLS SHORT ON LOOK-AHEAD REASONING"

One-north is a 200-hectare vibrant research and business park that houses key growth sectors such as biomedical sciences, info-communications technology and media, and start-ups. Maintaining operations and securing one-north are no easy feats. According to Mr Ong, "It goes back to ensuring a safe and secure work-live-play-learn environment for the community while overcoming challenges such as a declining manpower and increasing customer expectations. Therefore, we are shifting away from a prescriptive manpower-based contracting model and looking at using an integration of technology, people and processes to achieve desired outcomes. "

With their outcome-based Security Master Contract which was spearheaded by the government, JTC expects to achieve manpower savings which can allow the agency to deploy higher-skilled staff to take on more efficient roles.

SECURING THE FUTURE

We are certain that the professionals have gained much knowledge from the Conference and Masterclass 2018.

how the Progressive Wage Model, technology and changing working hours will elevate how security officers of the future are perceived.

A panel of experts from the Security Industry Council comprised the following:

- ▶ Mr Robert Wiener, President, Association of Certified Security Agencies;
- ▶ Ms Shen Xiao Yin, Office of Security Association Singapore Counsel; and
- ▶ Mr Steve Tan, Executive Secretary of Union of Security Employees;

offered further insights into the issue of "Managing Costs in Procuring Security

Contracts" which included changing the mindset of buyers of security services.

MASTERCLASS ON FUTURE OF SECURITY INDUSTRY

Mr Anthony Jones started the day by sharing the concept of "Integration of Artificial Intelligence (AI), Internet of Things and Video" in an integrated security solution. Typical enablers of an integrated security solution include Physical Security Information Management, Internet of Things, Analytics, Cloud and human intervention for a holistic approach. One of the challenges put forth to the

SII GEARS UP FOR THE NEXT TEN YEARS

SII had diligently served the security industry for the past ten years with the unwavering support from its stakeholders and partners. To commemorate this achievement, they were invited to its 10th Anniversary and Appreciation Lunch on 27 August 2018 at Temasek Polytechnic.

The joyous event was more than just a commemorative luncheon. It was also an opportunity to launch SII's new logo, keep its stakeholders and partners updated of its new initiatives, and gear up for its challenges ahead. The event was graced by Guest of Honour, Mr Zainal Sapari, Member of Parliament, Pasir Ris-Punggol GRC (Pasir Ris East) and Co-Chair of the Security ITM Tripartite Committee.

According to Mr Johnson Ng, Head/SII, "The new logo signifies the closer symbiotic relationship we have with Temasek Polytechnic (TP) given the strong backing and pedagogy support SII receives from TP."

The new logo therefore marks a significant milestone and further strengthens the bond between SII and TP and cements SII's identity at the same time.

The most noteworthy was the Security Micro Learning Courses (MLCs). Security MLCs are courses that allow learners to learn from their mobile devices such as smartphones and at their own pace. The uniqueness of these courses is that learners can learn from bite-sized information through a mobile application platform called "Gnowbe" on the go. It makes learning fun, relaxing and easy.

Guests at the celebrative luncheon were offered to try out the complimentary

New courses are offered to further improve the knowledge and skillsets of the workforce in the security industry:

- ▶ Specialist Diploma in Security Consultancy
- ▶ Getting Digital Economy Ready (SkillsFuture for Digital Workplace)
- ▶ Security Micro Learning courses

Security MLC taster module titled "Identifying Physical Security Risks and Threats"

The GOH also toured a security technology showcase put up by five companies and Temasek Polytechnic's School of Engineering research centres - the Interactive Digital Centre Asia on a security application using augmented reality in the security refresher training for SII and the Aviation Research Centre on long endurance flights drone technologies.

With so much to look forward to, we hope to see more transformation and growth for the security industry.

SECURITY TRAINING PROGRAMMES

CERTIFICATE IN SECURITY OPERATIONS

CORE MODULES

1. Handle Security Incidents and Services[1]
2. Provide Guard and Patrol Services[1]
3. Recognise Terrorist Threats*

ELECTIVE MODULES

Vocational Skills

4. Assist in the Evacuation of Premises
5. Manage Disorderly Conduct and Threatening Behaviour
6. Conduct Crowd and Traffic Control
7. Provide People Protection Services
8. Perform Covert Retail Security
9. Minimise Retail Theft and Loss
10. Provide Mobile Patrol Services
11. Perform Security Operations within Legal Framework
12. Operate Basic Security Equipment
13. Conduct Security Screening of Person and Bag
14. Conduct Security Screening and Search of Vehicles

[1] Mandatory Licensing Modules for Security Officers
* **Mandatory Licensing Module for Security Officers (with effect 1 Jan 2020)**

ADVANCED CERTIFICATE IN SECURITY SUPERVISION

CORE MODULES

1. Supervise Security Officers[1]
2. Assess and Address Security Risks
3. Perform Supervisory Duties within Legal Framework[2]
4. Induct Security Personnel[2]

ELECTIVE MODULES[3]

Vocational Skills

5. Conduct Operation Briefing and Debriefing
6. Contribute to the Management of Security Incidents
7. Monitor and Review Security Operations
8. Lead and Manage A Team of Security Officers
9. Deploy Security Equipment
10. Perform Monitoring and Reporting Duties at Central Command Centre
11. Perform Security Command Centre Activities at Client's Premises
12. Supervise Crowd and Traffic Control Activities

[1] Formerly called "Supervise Security Activities". Mandatory Licensing Module for Security Supervisors.
[2] Assessment Only Pathway (AOP) modules. Applicable only for company-sponsored applicants.
[3] Those who have attained the Certificate in Security Operations or Higher Certificate in Armed Security will be exempted from 1 module.

DIPLOMA IN SECURITY MANAGEMENT

CORE MODULES

1. Manage Security Operations
2. Manage Security Agency within Legal Framework
3. Assess and Manage Security Risk Control Measures
4. Manage and Resolve Conflict in Security Environment
5. Achieve Work Effectiveness in Security Environment

ELECTIVE MODULES[1]

Vocational Skills

6. Develop A Manpower Deployment Plan
7. Prepare and Submit Tender for Security Services
8. Manage Performance of Security Personnel
9. Manage Security Business
10. Manage Security Emergencies
11. Conduct Security Survey
12. Plan and Implement Security Systems
13. Manage Recruitment and Selection of Security Personnel

[1] Those who have attained the Advanced Certificate in Security Supervision will be exempted from 1 module.

FEES AND FUNDINGS

	Fee per module (including GST)		
	Singapore Citizens	Permanent Residents	Non-Singaporeans
CERTIFICATE IN SECURITY OPERATIONS			
Full course fee	NA	NA	$500.00
Nett course fee (90% subsidy)	$50.00	$50.00	NA
Nett course fee under SkillsFuture Mid-career Enhanced Subsidy (90% subsidy) (40 years old & above)	$50.00	NA	NA
Nett course fee under Workfare Training Support (WTS) Scheme* (95% subsidy)	$26.64	NA	NA
ADVANCED CERTIFICATE IN SECURITY SUPERVISION			
Full course fee	NA	NA	$1,300.00
Nett course fee (90% subsidy)	$130.00	$130.00	NA
Nett course fee under SkillsFuture Mid-career Enhanced Subsidy (90% subsidy) (40 years old & above)	$130.00	NA	NA
Nett course fee under Workfare Training Support (WTS) Scheme* (95% subsidy)	$69.25	NA	NA
DIPLOMA IN SECURITY MANAGEMENT			
Full course fee	NA	NA	$1,300.00
Nett course fee (70% subsidy)	$390.00	$390.00	NA
Nett course fee under SkillsFuture Mid-career Enhanced Subsidy (90% subsidy) (40 years old & above)	$147.00	NA	NA
Nett course fee under Workfare Training Support (WTS) Scheme* (95% subsidy)	$86.26	NA	NA

NA = Not applicable

*Self-sponsored trainees will be eligible for Workfare Training Support (WTS) Scheme if you are Singapore Citizens aged 35 years and above and earning $2,000 per month or less (with effect 1 January 2017).

SII courses are eligible for UTAP, SkillsFuture Credit and several SkillsFuture Awards. For more info, please refer to our webpage: http://www.tp.edu.sg/sii/training-programmes/SkillsFuture-Awards

For more information on Progressive Wage Model (PWM) modules, course schedules and registration, visit our website at: ⊕ **http://www.tp.edu.sg/sii**
Contact us at: ☎ **6225 5744** (6-CALL-SII) or email us at: ✉ **sii@tp.edu.sg**
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