

NEWS & UPDATES

It is Phase 2 in Singapore and Polling Day on 10 Jul 2020! AiSP is planning for partial telecommuting arrangement subject to agency's approval. Please **email us** or **WhatsApp** to our office number (+65 6247 9552), for assistance. We can set up MS Teams call (via your email address) as well.

Please feel free to email us (secretariat@aisp.sg) on your suggestions or ideas on member-only digital contents. Do check out our **community calendar of events** for new events that may be included after we have sent out our edms.

On behalf of AiSP, Secretariat wants to give our appreciation to Dr Steven Wong, AiSP President (2016/2017 - 2019/2020) who has been selflessly dedicated in AiSP's role and contribution to Singapore's cybersecurity ecosystem. **Thank you Steven for believing in AiSP!**



Annual General Meeting

On 17 Jun 2020, we held our first eAGM for our 12th Annual General Meeting. Our **newly elected EXCO members** for 2020/2021 are:

President: **Mr Johnny Kho**
Vice President: **Mr Alex Lim**
Secretary: **Mr Huynh Thien Tam**
Assistant Secretary: **Mr Cecil Su**
Member: **Ms Faith Chng**

Please click [here](#) to view our Executive Committee (EXCO) 2020/2021 Members.

Our new AiSP President **Johnny Kho** shared his aspirations for Singapore's ecosystem and strengthening current initiatives, by driving knowledge for our professionals, and widening outreach to business community and professionals on digitalisation.

Knowledge-Sharing Events

In the new normal, AiSP has been organising a series of knowledge-sharing webinars based on our Information Security Body of Knowledge (IS-BOK) 2.0, since May 2020. The aim is to enable our members to better understand how the IS-BOK topics can be implemented at workplaces.

Governance and Management - Data Security, 6 May 2020

Our Speakers for Data Security



Grace Tan
Channel Sales Head, Singapore Government and Myanmar Thales CPL Digital Security and Identity at Thales

THALES

AiSP



Damien Manuel
Director of Deakin's Centre for Cyber Security Research and Innovation (CSRRI) Chair at Australian Information Security Association

AISA Australian Information Security Association

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THALES

Singapore Public Sector Data Security Review Committee's 13 technical measures – Secure The Breach

Grace Tan,
Channel Sales Manager, ASEAN
Thales, Digital & Identity Security GBU, Cloud Protection & Licensing BL

www.thalesgroup.com



the event, so that they can enjoy their complimentary invite.

If you have missed our virtual events, some of them are made available for members' access via **EventBank** platform. Please email (event@aisp.sg) if you need any assistance.

6 May event was sponsored by:



Cyber Threat Intelligence, 3 Jun 2020

Our Speakers for Cyber Threat Intelligence



Julian Tan
Head of Cyber Threat Intelligence, APAC



Goh Su Gim
Cyber Threat Intelligence Consultant, APJ



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Cybersecurity Awareness & Advisory Programme (CAAP)

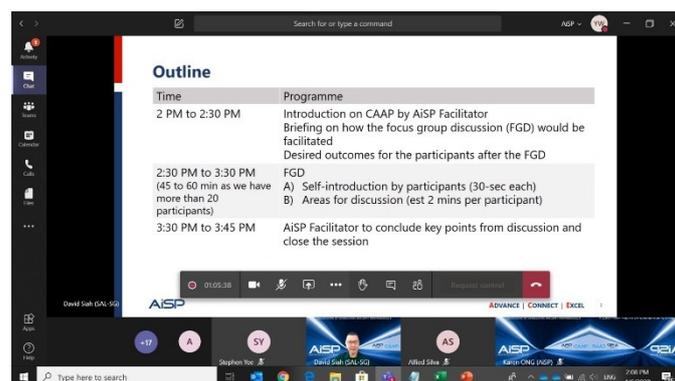
AiSP's **CAAP** aims to raise cybersecurity awareness among the stakeholders in the ecosystem. The COVID-19 pandemic has accelerated the need for digitalisation for Singapore SMEs, and CAAP offers them the platform to address their questions and how they go about strengthening their cybersecurity posture. CAAP is supported by Cyber Security Agency of Singapore (CSA).

Cryptography, 1 Jul 2020

KNOWLEDGE-SHARING WEBINAR: CRYPTOGRAPHY

AiSP is organising a series of knowledge-sharing events in 2020 for members to better understand how our Information Security Body of Knowledge (IS-BOK) 2.0 topics can be implemented at workplaces. This webinar covers practitioners' perspective and is complimentary to AiSP members.

CAAP Focus Group Discussion with SNEF SME members, 4 Jun 2020



We have more events line up, thanks to the support from our sponsors and speakers from the industry! Please refer to our **website** or social media platform for event updates.

AiSP encourages former members to renew their membership status a few days before

We have a robust and meaningful closed-door discussion with Singapore National Employers Federation (SNEF) members at our CAAP Focus Group Discussion (FGD) virtual workshop. 22 participants from SME and non-SME organisations shared their challenges and also their measures to implement cyber controls for

their organisations. Facilitated by our EXCO CAAP workgroup member **David Siah**, the practitioners learnt from each other and recognised the common issues and cyber threats faced by most companies.

Website Security: Why Should You Care about HTTPS, 23 Jun 2020

The webinar organised by the Singapore Chinese Chamber of Commerce & Industry, was attended by 109 participants. Our EXCO Member **James Tan** shared on this topic at the SCCCI webinar, for Singapore SMEs to know how to better secure their websites. Organisations' corporate websites are more important than ever as their digital branding during the new normal of working.



James has also written an article on some steps for SMEs to secure their corporate websites - **Why should you care about HTTPS and 3 Tips?**, please click the link to find out more!

If you or your organisation is keen to be part of our pool of speakers and facilitators, please contact **secretariat** for more information!

CyberFest™ 2020



The second AiSP **CyberFest®** is a community-led initiative that would take place from 2 to 6 Nov 2020 in Singapore.



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We are looking for more speakers and sponsors for **CyberFest® 2020**, please **email us** for more details!

The Cybersecurity Awards

In its third year, **The Cybersecurity Awards (TCA) 2020** seeks to honour outstanding contributions by individuals and organisations, to local and regional cybersecurity ecosystems. **Our call for nomination has been extended to 31 Jul 2020, and nomination fee is waived for 2020.** Do not hesitate to nominate yourself or someone worthy for the Awards!

TCA2020 Sponsors



Student Volunteer Recognition Programme (SVRP)

We are inviting all student volunteers to submit their **nomination form** by **1 Sep 2020**, and also reaching out to groups of student volunteers and Student Chapters in Singapore to recognise student volunteers. Please **email us** if you want to be part of our movement!

Calling all Student Volunteers!

If you have been volunteering your time and efforts to raise cyber awareness in Singapore and you are a full-time student in a local institution of learning, we would like to invite you to participate in **AiSP Student Volunteer Recognition Programme (SVRP)**! Please refer to the link for the SVRP form today.

You're the Bright Spark in the Future of Cybersecurity Ecosystem!

AiSP
Advance Connect Excel

Connect with us on [LinkedIn](#), [Facebook](#) and [Instagram](#) today.

Day 42 Circuit Breaker

Ladies in Cybersecurity Charter

Under our **Ladies in Cybersecurity Charter**, AiSP's volunteer team of female cybersecurity professionals conduct career talks and Ladies in Cyber Mentorship Programme for students.

AiSP is actively looking for more female mentors! We welcome AiSP members to contribute as our mentors, please contact **secretariat** for more details.

Students interested to be mentees can click the online **application form** to sign up.

Digital Engagement for Members

AiSP has formed a closed group on LinkedIn to engage our AiSP members so that we can share news, facilitate discussions and seek members' views. Please note this is **strictly for active members** only.



Call for Volunteers

As AiSP focuses in raising the professional standing of information security personnel in Singapore since 2008, we have been running various initiatives to address diverse needs and developments. We are calling for AiSP members to volunteer in the following,

1. **CAAP**
2. **SVRP**
3. **Ladies in Cybersecurity**
4. **Regional Partnership**
5. **The Cybersecurity Awards Organising Committee**
6. **BOK 2.0 & beyond** (via email)

Let's do something for Singapore's cybersecurity ecosystem together!

Regional Partnership

We would like to share the survey from our MOU partner **Australian Information Security Association (AISA)**,

AISA is conducting a 2020 Cyber Security Workforce and Skills Study. This study aims to explore and understand what changes if any, have occurred in the cyber security workforce.

AISA also aims to better understand the cyber security skills required to meet the needs of the future. Please use the link below to access the survey, https://lnkd.in/g_3YZb

AISA will publish the aggregated study results to help shape government decisions and policy. If the link above does not work, please copy the link below and paste it into your internet browser's address bar, <https://survey.aisa.org.au/invite/988-129098-77166.aspx>

We hope to collaborate with more partners this year! Please contact secretariat@aisp.sg if your association or non-profit organisation is keen to explore!

PROFESSIONAL DEVELOPMENT

Qualified Information Security Professional (QISP®) Course

QISP® is designed for entry to mid-level Information Security Professionals, and any IT Professionals who are keen to develop their knowledge in this field. It will be enhanced to complement AiSP's newly updated Information Security Body of Knowledge (IS-BOK) 2.0.

Please contact AiSP if you are keen to leverage the enhanced QISP® for your learning and development needs, or you would like to develop courseware based on AiSP's IS-BOK 2.0.

BOK 2.0 Knowledge-Sharing and Networking Events

As part of knowledge-sharing, AiSP is organising regular knowledge-sharing and networking events based on its Information

Security Body of Knowledge 2.0 topics, the upcoming ones are:

1. Identify & Access Management, 5 Aug 2020
2. Cyber Threat Intelligence, 9 Sep 2020
3. Cloud Security, 14 Oct 2020

Please let us know if your organisation is keen to be our sponsoring speakers in 2020 for Oct and Dec events!

CREST SINGAPORE CHAPTER

Arising from Singapore’s circuit breaker measures, our CREST examination centre in Singapore will resume in **Jul 2020** with safe distancing measures. The CITREP funding for Singapore Citizens and Permanent Residents for CPSA, CRT, CCT APP and CCT INF have been approved as well. Please **email us** for assistance.

CRESTCon Singapore 2020



The CREST Singapore Chapter was formed by CREST International in partnership with CSA and AiSP to introduce CREST penetration testing certifications and accreditations to Singapore in 2016. The Chapter is organising the first CRESTCon Singapore on 4 Nov at Suntec and inviting presenters to submit their topics from **now till 31 Jul 2020**.

We are looking out for technical presentations that **showcase new or ongoing security research, new threats and vulnerabilities or demonstrating the advances and innovation in security testing techniques, usage of security tools or methodologies**.

We welcome Wizlynx onboard as our CRESTCon Singapore 2020 sponsor!



UPCOMING ACTIVITIES/EVENTS

Ongoing Activities

Date	Event	By
Jan-Jul	Call for Female Mentors (Ladies in Cyber)	AiSP
Feb-Jul	Call for Nomination (TCA2020)	AiSP
Feb-Aug	Submission of Nomination Forms (SVRP)	AiSP
Mar-Dec	Call for Volunteers (AiSP Members)	AiSP
Mar-Jul	Call for Paper (CRESTCon Singapore 2020)	AiSP

Upcoming Events

Date	Event	By
1 Jul	[BOK] Knowledge-sharing event: Cryptography	AiSP
15 Jul	AISA Webinar: How to maximize Breach and Attack Simulation activities	Partner

Date	Event	By
16 Jul	[TCA2020] Briefing to Judges (virtual)	AiSP
28 Jul	AiSP x SGTECH CAAP Awareness Workshop (virtual) (TBC)	Partner
30 Jul	Cybersecurity Innovation Day	Partner
5 Aug	[BOK] Knowledge-sharing event: Identify & Access Management	AiSP
14 Aug	AiSP x SNEF CAAP Awareness Workshop (virtual) (TBC)	Partner
27 Aug	Cloud Security & Hacking Edition	Partner

Please note events may be postponed or cancelled due to Covid-19 situation.

Please refer to updates or more information about these **events** or follow us on **Facebook**, **LinkedIn** or **Instagram**.

Want to be part of AiSP events and initiatives in 2020? Please email to secretariat@aisp.sg for a discussion on how we can work together!

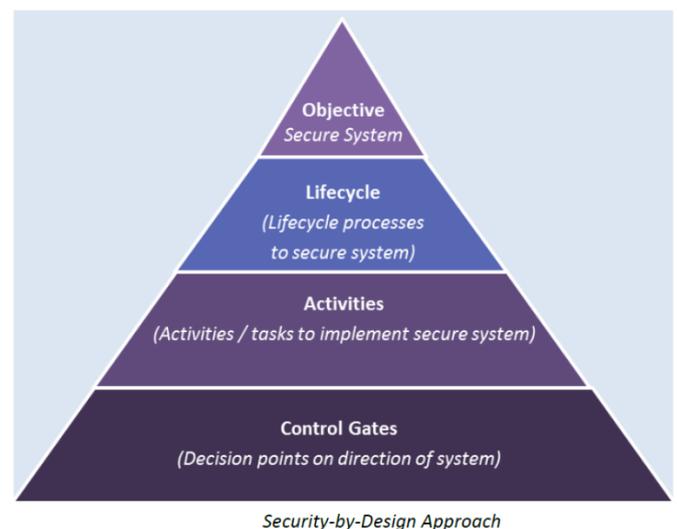
MEMBERSHIP

Knowledge-Sharing Article by Our Event Sponsor Wizlynx Group

Security-by-Design (SBD) approach to incorporate security-related activities in System Development

Organisations adopt a System Development Lifecycle (SDLC) as a methodology to develop and implement computer systems. SDLC is a multi-step lifecycle process that ensures the

good quality of the systems to meet specifications within targeted time and cost. The integration of security into every step of the System Development Life Cycle (SDLC) from initiation to disposal of the system is an effective way to protect systems against cyber threats. This is known as the Security-by-Design (SBD) approach. Lifecycle, Activities and the Control Gates are the three key components.



Security planning includes identification and confirmation of key security roles in a system development project and ensures all key stakeholders have a common understanding.

System Security Classification determines the security classification first to perform Threat and Risk Assessment (TRA).

Threat and Risk Assessment (TRA) identifies various threats and vulnerabilities to systems for determining the exposed level of risks to recommend the appropriate level of protection.

Defining Security Requirements for Tender is an activity that focuses on considering organisational security policies and standards

or international standards in tender requirements submission.

Security Specification Evaluation includes document review, proposal evaluation, clarification and assessment of proposed security controls.

Security Architecture Review (SAR) identifies trust boundaries, information entry and exit points and data flows. It includes architecture document review, design vulnerability assessments and security recommendations.

Security Control Review (SCR) includes a series of document review of security controls in the design as well as an assessment of its effectiveness and provide recommendations.

Security Source Code Review is a systematic examination of the source code of an application.

Application Testing detects problems early in the development lifecycle prior to acceptance testing.

System Security Acceptance Test (SSAT) focuses on security requirements and controls that have been approved are acceptable to be deployed.

Penetration Testing tests a computer system, network or web application to find exploitable vulnerabilities.

Security Review determines if the security controls are in place and continue to be effective with environmental changes.

Change Management is performed to identify significant changes and impact after a change in the system.

Configuration Management initiates a baseline to the system for controlling and maintaining the changes of the system as the changes can cause issues in the system.

Continuous Monitoring determines if the security controls in place are effective.

Information Preservation selects the archival methods to retrieve information in the future. Archived information must be marked and handled in compliance with its security classification level.

Media sanitisation is based on the security classification of the system and information. Approved equipment, techniques and procedures must be used by system owners according to the relevant policies and regulations.

Dispose of Hardware and Software depends on relevant policies and regulations.

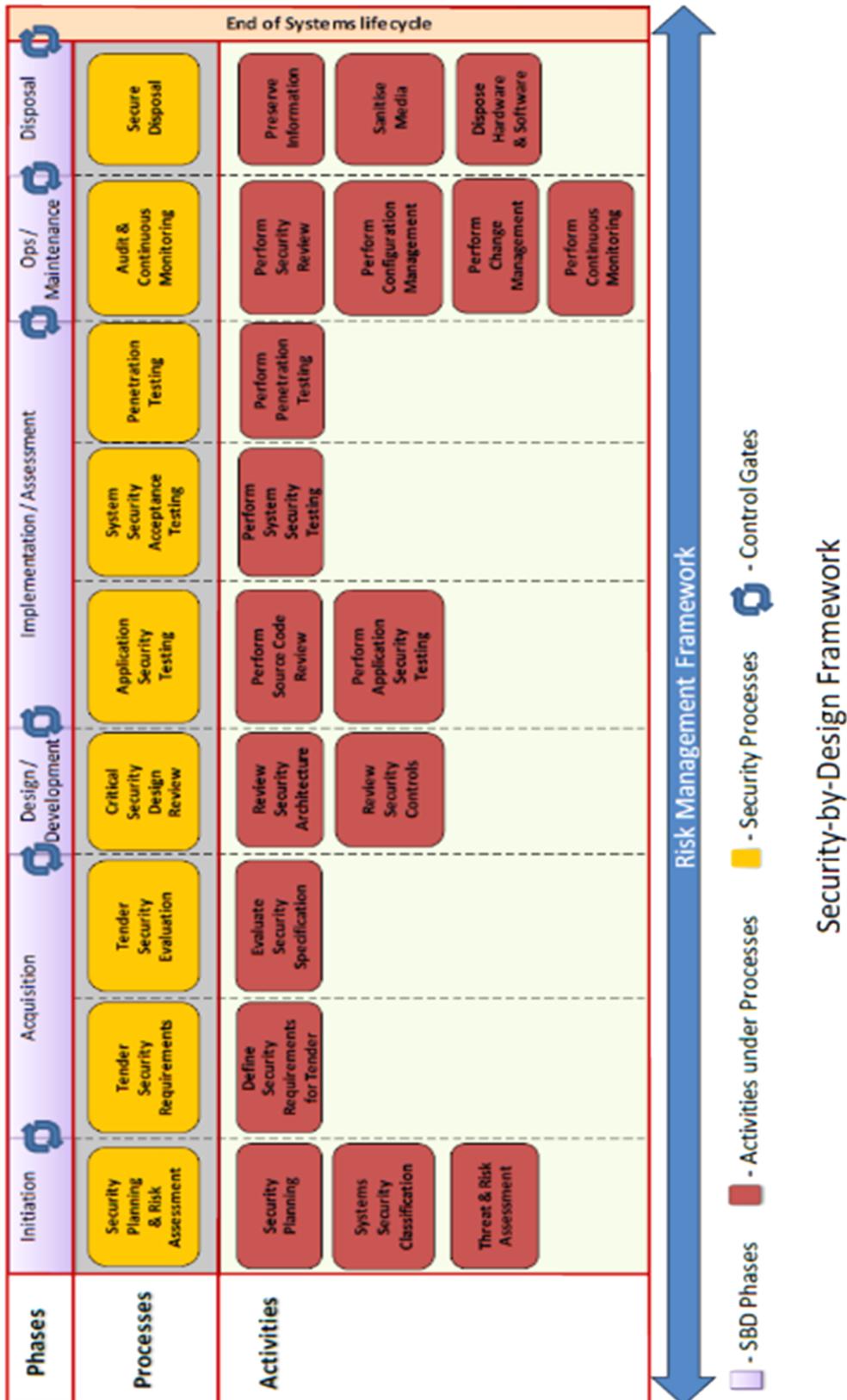
Please refer to the Security-by-Design Framework (landscape) on the next page.

Contributed by:



Keen to share your organisation's initiatives and insights to the cybersecurity community? Please email to secretariat@aisp.sg if you would like to contribute as a Corporate Partner or volunteer as our Individual Member!

Security-by-Design (SBD) approach to incorporate security-related activities in System Development



Complimentary Affiliate Membership for Full-time Students in APP Organisations

If you are currently a full-time student in the IHLs that are onboard of our **Academic Partnership Programme (APP)**, AiSP is giving you complimentary Affiliate Membership during your course of study. You do not need to be in cybersecurity or information security disciplines. Please click [here](#) for the application form and indicate your student email address and name of your institution in the form.

Your AiSP Membership Account on EventBank

AiSP is moving our digital membership to EventBank, an all-in-one cloud platform for event and membership management.

You can access the [web portal](#) or the mobile application ([App Store](#), [Google Play](#)), using the email address you have registered your AiSP membership for. **There is no need to create another profile if you are using a different email address; you can just update your alternative email address in your membership profile.** The platform allows our members to sign up for events and voluntary activities, and check membership validity.

If you want to playback our virtual events you have signed up earlier, some of them are made available for members' access via EventBank platform as well, under your Profile page.



Be Plugged into Cybersecurity Sector – Join us as a Member of AiSP!

Type	Benefits
Individual Membership	<ul style="list-style-type: none"> Recognition as a Trusted Infocomm Security Professional. You can use the designation of AVIP (AiSP Validated Information Security Professionals) or MAISP (Ordinary Member) as your credentials. Regular updates on membership activities. Free and discounted rates for events organised by AiSP and partners. Priority for activities, talks and networking events. AVIP members enjoy Professional Indemnity coverage in Singapore and overseas.

Type	Benefits
Corporate Partner Programme (CPP)	<ul style="list-style-type: none"> Listing on AiSP website as a Corporate Partner Free and discounted rates for events organised by AiSP and partners. Complimentary AiSP Affiliate membership for organisation's personnel.

	<ul style="list-style-type: none"> ▪ Special invite as speakers for AiSP events. ▪ One complimentary job advertisement or knowledge-sharing article on AiSP platform per month (i.e. a total of 12 ads or articles in a year).
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Type	Benefits
	organised by AiSP and partners. <ul style="list-style-type: none"> ▪ One complimentary info/cybersecurity or internship post in AiSP website per month.

For more updates or details about the memberships, please visit www.aisp.sg/membership.html.

AVIP Membership

The AiSP Validated Information Security Professionals (**AVIP**), the membership helps to validate credentials and experience for IS-related work including cybersecurity, professional development and career progression for our professionals. AiSP is also in collaboration with partners to pre-qualify our AVIP members as cybersecurity consultants for SMEs' projects as well. Please **contact us** for more details.

CONTACT US

Please contact secretariat@aisp.sg on membership, sponsorship, volunteerism or collaboration.

Type	Benefits
Academic Partnership Programme (APP)	<ul style="list-style-type: none"> ▪ Inclusion of an AiSP Student Chapter for the Institute. ▪ Ten (10) complimentary AiSP Affiliate membership for personnel from the Institute. ▪ Complimentary AiSP Affiliate membership for all existing full-time students in the Institute, not limiting to cyber/infosec domains. ▪ Listing on AiSP website as an Academic Partner. ▪ One annual review of Institute's cybersecurity course curriculum. ▪ AiSP speakers to speak at Student Chapter events, including briefings and career talks. ▪ Free and discounted rates for events

AiSP outreach and programmes are made possible by our Partners.

Corporate Partners



Academic Partners



The Association of Information Security Professionals (AiSP), formed in 2008, is an independent cybersecurity association that develops, supports and enhances industry technical competence and management expertise to promote the integrity, status and interests of Information Security professionals in Singapore.

☎ +65 6247 9552
([WhatsApp](#))

We believe that in promoting the development of cybersecurity and increasing and spreading of cybersecurity knowledge, and any related subject, we help shape more resilient economies.

✉ secretariat@aisp.sg

🌐 www.aisp.sg

📍 116 Changi Road
#04-03 WIS@Changi
Singapore 419718

AiSP aims to be the pillar for Information Security Professional & Profession in Cyber by:

- Promoting the integrity, status and interests of information security professionals in Singapore.
- Developing, supporting as well as enhancing technical competency and management expertise in cybersecurity.
- Bolstering the development, increase and spread of information security knowledge and its related subjects.

