NEWSLETTER

October 2020

Association of Information Security Professionals

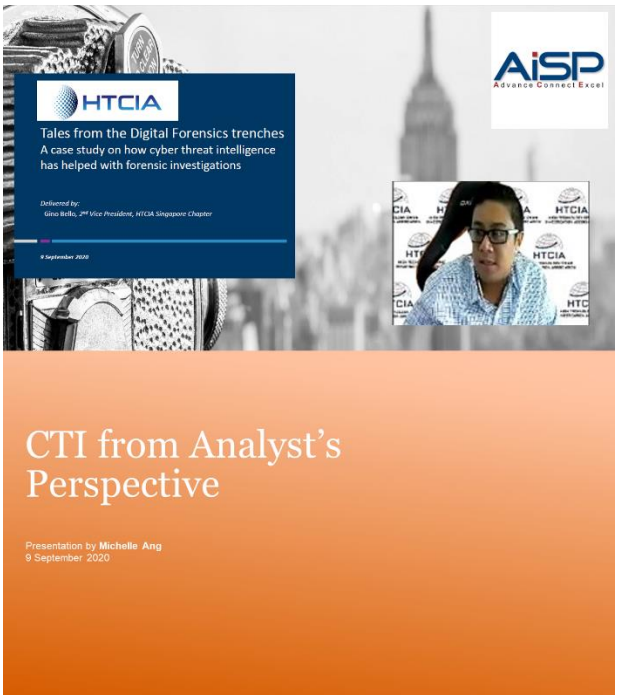
NEWS & UPDATES

In line with Government's directives on COVID-19 pandemic and AiSP's business continuity plan, AiSP Secretariat is working from home during this period. 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** or follow us on social media for new events that may be included after we have sent out our edms.

Knowledge Series Events

Cyber Threat Intelligence, 9 Sep 2020



We held our 5th knowledge series webinar, focusing on cyber threat intelligence with insights from our two speakers Gino Bello and Michelle Ang. This is the second CTI webinar for 2020 and we plan to organise another session in 2021.

This event was supported by **HTCIA Singapore Chapter** where HTCIA stands for High Technology Crime Investigation Association. Some of the questions answered by our speakers include:

- What are the types of intel forensic investigators look for in CTI?
- What are the typical issues we may face when using CTI in forensics?
- Are there any new developments in using AI for forensic investigation?
- What are the critical areas that will hinder CTI implementation within an organisation?

Identity and Access Management, 30 Sep 2020

We organised a special webinar together with **BeyondTrust** on Privilege Management. With accelerated digitalisation during COVID-19 pandemic, it is critical to ensure remote work arrangement is secure as part of business operational resilience.

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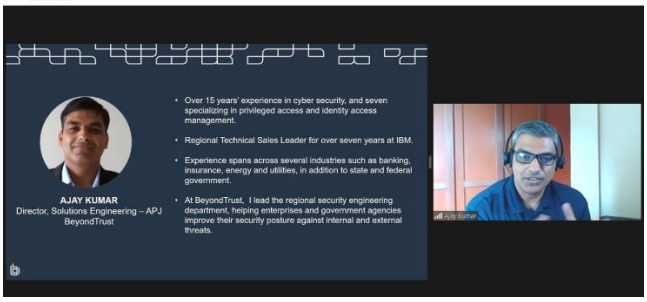

Our speaker Ajay Kumar also addressed some of these questions,

- More companies are moving to cloud platform during COVID-19 pandemic. What would you recommend to companies with BYOD policy when their staff are accessing companies' data on their personal devices?

- What are the trends you see in access management by the end users in Singapore?

30 Sep 2020 event is supported by:

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 members who registered for the event, can playback the recorded event via their member profile in GlueUp. If you did not sign up for the event, please email event@aisp.sg for assistance.

Upcoming on 14 Oct 2020!

Cybersecurity Awareness & Advisory Programme (CAAP)

AiSP's **CAAP** aims to raise cybersecurity awareness among the stakeholders in the ecosystem. We collaborate with associations in Singapore to reach out to the wider business community on cybersecurity awareness and adoption.

Please feel free to **contact us** if your organisation wants to raise the cybersecurity awareness and adoption.

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AiSP x SFA CAAP Focus Group Discussion, 10 Sep 2020

AiSP and Singapore Fintech Association (SFA) organised a closed-door focus group discussion for SFA members. Fintech companies interested to implement cyber hygiene practices in their organisations, joined us at this workshop and shared their experiences and questions on cybersecurity adoption. This virtual session was facilitated by our President **Johnny Kho**.

Privacy Awareness Week 2020: Data Breach Tabletop Exercise, 23 Sep 2020

CAAP conducted AiSP's first virtual TTX workshop at PDPC's Privacy Awareness Week! Our EXCO facilitators **Tony Low**, **Freddy Tan**, **Huynh Thien Tam**, **Catherine Lee**, **James Tan**, **Adrian Oey** and secretariat were engaging participants assigned into various departments on incident response management. AiSP would publish the white paper on this TTX workshop on its website for companies to access freely by Nov 2020.

We also launched our new Special Interest Group (SIG) - **Data and Privacy SIG** to promote learning and contribution among AiSP members.

This workshop was made possible with Personal Data Protection Commission's support. We look forward in engaging more Singapore companies in strengthening their cyber and information security controls.

CyberFest™ 2021

We are moving our second AiSP **CyberFest®** to 2021 (1 Feb to 5 Feb 2021) as we want to engage our community through physical events. We would be using digital tools to extend our engagement to attendees so as to ensure their safety and well-being as well. **CyberFest®** is a community-led initiative that would take place from 1 to 5 Feb 2021 in Singapore.

We would still have virtual events in the week of 2 to 6 Nov 2020, please refer to our **calendar of events** for updates.

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The Cybersecurity Awards

The Cybersecurity Awards (TCA) 2020 seeks to honour outstanding contributions by individuals and organisations, to local and regional cybersecurity ecosystems. We have commenced the judging rounds in Aug, Sep and Oct 2020.

In view of COVID-19 pandemic and well-being of our guests at the award ceremony, AiSP has moved the physical event on 6 Nov 2020 to **5 Feb 2021**.

We would like to give a shout-out to our 2020 sponsors and one of them has contributed an article for this issue. More details on our award ceremony coming soon!

TCA2020 Sponsors

BeyondTrust

CISCO

DBS

ENSIGN INFOSECURITY | CONQUER THE UNKNOWN

PCS SECURITY

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THALES

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Your Cyber Security partner worldwide

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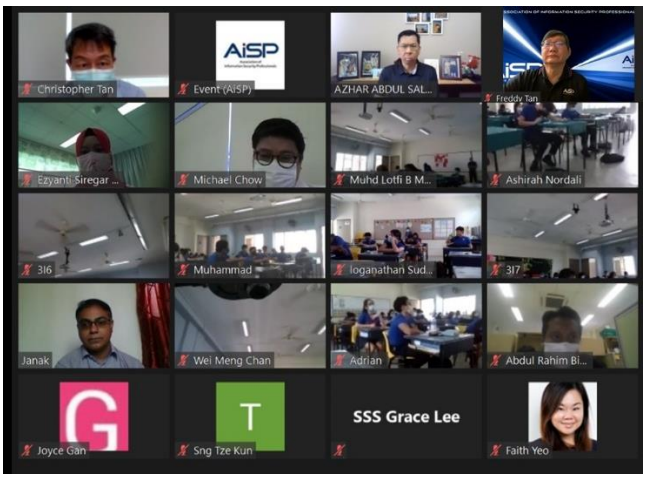
Student Volunteer Recognition Programme (SVRP)

AiSP is introducing a new framework to recognise secondary school and junior college (JC) students for their voluntary contribution to Singapore's cybersecurity ecosystem. Nomination for both IHL students and the younger students would end on **31 Oct 2020**. Please click **here** for more details.

We are moving the physical SVRP Award Ceremony from 3 Nov 2020 to 3 Feb 2021 (hybrid format), as part of **CyberFest 2021**.

Serangoon Secondary School – Panel Discussion, 26 Aug 2020

Our SVRP EXCO Lead **Freddy Tan** participated in a panel discussion organised by Serangoon Secondary School for their Secondary 3 students. Some questions asked by the students were "What led you to choose this as your career?", "What skills are required in your work? Are these skills transient across time?" and more.



Greenridge Secondary School – Panel Discussion, 30 Sep 2020

Another SVRP volunteer **Tok Yee Ching** spoke at a school talk organised by Greenridge Secondary School for their graduating students. Our bright and inquisitive youths were eager to know more about cybersecurity professions and asked about alternate pathways if they do not get into a relevant Polytechnic course in this industry and skillsets they should pick up during their personal time. Way to go!

If your secondary school, JC or IHL is organising school talks on cybersecurity professions or awareness, please **connect** with us! Our voluntary speakers would be happy to engage the students to know more about our industry.

Ladies in Cybersecurity Charter

Under our **Ladies in Cybersecurity Charter**, AiSP's volunteer team of female cybersecurity professionals have been mentors to female students through our Ladies in Cyber Mentorship Programme. We welcome female volunteers and students to join our programme as **mentors** and **mentees** (see online forms).

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Women in Cyber

Black Hat Asia 2020 Women in Security

Our Charter Co-Chair **Sherin Lee** would be sharing on 2 Oct 2020 (4 pm to 5:30 pm, Zoom) about Ladies in Cyber.

This event is spearheaded by the Cyber Security Agency of Singapore. Besides our Ladies in Cyber volunteers, WoSEC, Infosec Girls and SheLeadsTech would be sharing at this virtual networking event as well.

Please **sign up** for the virtual event today or share with your female colleagues!

AiSP hopes to work closer with our industry partners to attract more female cyber professionals in Singapore. Please **contact us** if your organisation would like to take this conversation further.

Special Interest Groups

AiSP has set up Special Interest Groups (SIG) to:

1. Engage AiSP members to advance their knowledge in this area;
2. Connect with fellow volunteers through discussions, events and activities; and,
3. Excel together while contributing volunteers' expertise and application to the evolving Information Security Body of Knowledge (IS BOK) and Cybersecurity Awareness and Advisory Programme (CAAP) Body of Knowledge (BOK).

Our four SIGs are for AiSP members to advance their knowledge and contribute to the ecosystem are:

- Cloud Security
- Cyber Threat Intelligence
- Data and Privacy
- IoT

More details coming soon in our website!

For AiSP Members only

As we are always looking for new ways to engage our members, AiSP has categorised the various ways for **member-only access** as part of our digital engagement during COVID-19 pandemic,

1. Members-only access for **webinar playback**
2. **LinkedIn closed-group**
3. Participate in **member-only events** and closed-door dialogues by invitation
4. **Volunteer** in our initiatives and interest groups, as part of career and personal development

Members can access the above via this **link**, please follow us on social media for timely updates!

Call for Volunteers

As AiSP focuses in raising the professional standing of information security personnel and professions in Singapore since 2008, we have been running various initiatives to address diverse needs and developments. Please **email us** for more details!

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

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 Information Security Body of Knowledge (IS-BOK) 2.0. The 2.0 topics include:

1. Governance & Management
2. Physical Security, Business Continuity & Audit
3. Security Architecture and Engineering
4. Operation & Infrastructure Security
5. Software Security
6. Cyber Defence

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 overseas.

BOK 2.0 Knowledge Series

As part of knowledge-sharing, AiSP is organising regular knowledge series webinars based on its Information Security Body of Knowledge 2.0 topics, the upcoming ones are:

1. Cloud Security, 14 Oct 2020
2. DevSecOps, 5 Nov 2020
3. Red Teaming, 2 Dec 2020

Please let us know if your organisation is keen to be our sponsoring speakers in 2021!

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.

CREST SINGAPORE CHAPTER

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.

Temporary suspension of CCT Info and CCT App exams

3 Sep 2020: Further to CREST International's previous updates on 12th, 17th and 20th Aug 2020, CREST wanted to provide a further update on what it has been doing to support the investigation into the recent deposit of confidential exam material into the public domain.

Firstly, the independent investigator has begun work ascertaining the full circumstances. He would like to hear in confidence from anyone who may have relevant information about the unauthorised publication of the confidential material and urges them to contact him via a confidential email address (crestinvestigator@gmail.com). Anyone with information can be fully assured that their identity will be known only to the investigator and will not be disclosed to any other parties.

Secondly, the investigator will be working with the NCSC to support their own investigation into the leaked material as well as liaising directly with NCC Group. The timeline for the

investigation will be defined at the end of this week (4 September).

Finally, our thanks go to our assessors and the exam development group who have worked hard to create new content for our Certified Infrastructure and Certified Web Applications examinations. We will be able to recommence delivery of these practical examinations from 7 September for Infrastructure and from 5 October for Web Applications. All of the affected candidates have already been provided with these dates and will be given priority for examination bookings.

We will provide further updates when we have them.

CRESTCon Singapore 2020/2021

The CREST Singapore Chapter is organising the **first CRESTCon Singapore 2020/2021** on 4 Feb 2021 and has invited presenters to submit their topics by **31 Dec 2020**. Please **email secretariat** if your organisation is keen to submit paper or sponsor the event!

UPCOMING ACTIVITIES/ EVENTS

Ongoing Activities

Date	Event	By
Jan-Dec	Call for Female Mentors (Ladies in Cyber)	**AiSP**
Mar-Dec	Call for Volunteers (AiSP Members)	**AiSP**
Jan-Oct	SVRP Nomination for student volunteers from IHLs, Secondary Schools and Junior Colleges.	**AiSP**
Jan-Dec	CRESTCon Call for Paper	**AiSP**

Upcoming Events

Date	Event	By
1 Oct	ARRC ONLINE 2020 (Workshop): CAAP Focus Group Discussion Workshop *Digitalisation for Your Business: Mitigating Cyber Risks for Growth*	AiSP & Partner
29 Sep - 1 Oct	ConnecTechAsia 2020	Partner
2 Oct	Black Hat Asia Women in Security (Ladies in Cyber)	AiSP & Partner
29 Sep - 2 Oct	Black Hat 2020	Partner
5-9 Oct	Singapore International Cyber Week 2020	Partner
7-8 Oct	GovWare Focus Virtual Conference & Exhibition	Partner
7 Oct	Women in Cyber - Diversity in Cybersecurity Under the New Normal	Partner
13 Oct	School Talk at Methodist Girls' School (Ladies in Cyber)	AiSP & Partner

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Date	Event	By
13 Oct	CAAP Awareness workshop with ASPRI	AiSP & Partner
14 Oct	[BOK] AiSP Knowledge Series Webinar – Cloud Security	AiSP
27-29 Oct 20	Australian Cyber Conference	Partner
2 Nov	Singapore Cyber Day (virtual school talks)	AiSP & Partners
3 Nov	CAAP SME Cybersecurity Conference 2020 (tbc)	AiSP
4 Nov	CAAP FGD workshop (tbc)	AiSP & Partners
4 Nov	Div0: CXO Luncheon	Partner
5 Nov	[BOK] Knowledge series webinar – DevSecOps	AiSP
5 Nov	SINCON2020	Partner
11 Nov	Awareness Workshop with SBF	AiSP & Partners
2 Dec	[BOK] Knowledge series webinar – Red Teaming	AiSP

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

Contributed Contents

Knowledge-Sharing Article by our TCA2020 Sponsor

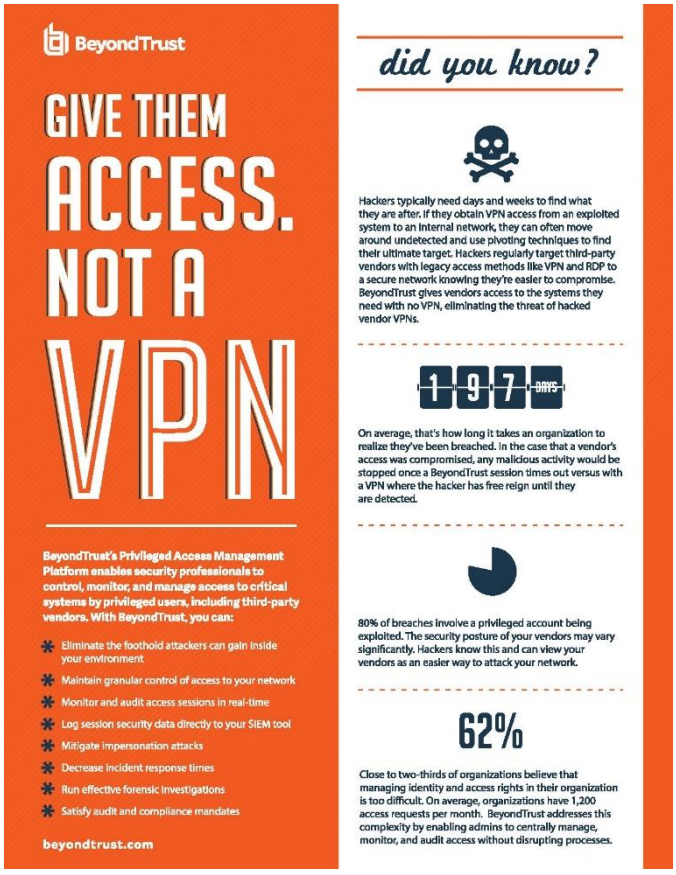
Beyond Trust – The WFH Cybersecurity & Business Continuity Lessons of Covid-19

A couple quarters into the global pandemic experience, it is safe to say we have all learned a lot. Jon Oltsik, CSO and Principal Analyst at Enterprise Strategy Group (ESG) shared some high-level cybersecurity and business continuity lessons learned.

1. The "scramble" phase is behind us

In the initial months of coronavirus outbreak, organizations had to figure out ways to send employees home and get remote users online as quickly as possible. According to new research from ESG and ISSA, 26% of survey respondents claimed that giving remote users access to the corporate network was one of their top challenges. This required implementation of a flurry of endpoint and networking technologies to enable connectivity and basic security. Though many companies are pretty much done at this point but, organizations are still in the process of finding and cleaning up a bevy of new cyber risks.

2. Access is followed by user productivity



Once remote worker had access to corporate networks and cloud-based applications, the next move was employee's productivity. This required scaling both security and IT

operations. According to the ESG research, 62% of organizations say that the rapid move to work from home (WFH) significantly impacted the security team's ability to support end users. Smart organizations are addressing such issues by creating and deploying standard configuration templates for user devices. Many organizations have also adopted new types of service desk tools that can scale to help users working outside of traditional security perimeters.

3. Organizations are locking down policies

During the scramble phase, access and usage policies and administrator privileges were minimized to get everyone online quickly. CISOs are slowly fine-tuning policies to mitigate risk. For example, third-party IT vendors need secure access for maintenance purposes, but don't need the ability to roam free on the network. Organizations are closing these network vulnerabilities. There is also a need to enable end-users without giving them full administrator privileges to their systems.

4. Insider threats are on the rise

With less oversight and security controls in their way, malicious employee activity is an unfortunate outcome of WFH and the global pandemic. CISOs are addressing these problems with stronger password management and least privilege policy enforcement. Many firms have also increased end-user logging, looking for anomalous behavior.

Going Forward: A New Remote Work Reality

Now that the initial shock of COVID-19 has subsided, most CISOs view WFH as the new reality.

Security teams should be taking a strategic approach to WFH security. Again, this means scaling operations, adjusting policies, and reducing the attack surface by hardening system configurations and enforcing least-privilege access. By crafting a long-term remote work security program, CISOs will be able to minimize their enterprise's cyber risk, while poising their businesses to adapt and thrive during the coronavirus and beyond.

Contributed by

Keen to share your organisation's initiatives, updates and insights to the cybersecurity community? Please email to **secretariat@aisp.sg** if you would like to be our event sponsors or corporate partners!

MEMBERSHIP

AiSP membership cycle starts on 1 Jan, this means all members on annual fee should pay 2021 membership by Nov 2020. This is to ensure there is no disruption to your membership and benefits.

We encourage Ordinary and Associate Members to pay for 3-year membership for the convenience and there is saving as compared to repetitive annual fee payment.

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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. Please click **here** for the application form and indicate your student email address, expected graduation date and name of your institution in the form.

Your AiSP Membership Account on Glue Up

AiSP has moved its digital membership to EventBank, now known as Glue Up, 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.

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

Type	Benefits
Individual Membership	▪ 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)	▪ 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. ▪ 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).

Type	Benefits
Academic Partnership Programme (APP)	▪ 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 organised by AiSP and partners. ▪ One complimentary info/cybersecurity or internship post in AiSP website per month.

Please check out our website on Job Advertisements by our partners.

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

AVIP Membership

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. Interested applicants should be qualified AiSP Ordinary Members (Path 1) to apply for AVIP.

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.

AiSP outreach and programmes are made possible by our Partners.

Corporate Partners

Academic Partners

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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.

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.

AiSP aims to be the pillar for Information Securitsy 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.

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