



JOINT MEDIA FACTSHEET

Coordinating Committee for Cybersecurity formed under the Singapore Standards Council to develop Cybersecurity Standards Roadmap supporting Singapore's digital transformation

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Singapore, Tuesday, 1 October 2019

1. In August 2018, the Cyber Security Agency (CSA) of Singapore and Enterprise Singapore formed a Coordinating Committee for Cybersecurity (CCCY) under the Singapore Standards Council (SSC)¹. The CCCY aims to coordinate and facilitate the sharing of cybersecurity information in Singapore and formulate a five-year Cybersecurity Standards Roadmap.
2. The composition of the CCCY - representatives from government agencies; industry experts from the ICT, finance and manufacturing sectors; and academics - reflects the close government-industry-academia partnership in cybersecurity. The CCCY is chaired by Mr Eddie Chau, a serial technopreneur and co-founder of V-Key² and Brandtology³, with the support of two deputy chairmen - Mr Lim Soon Chia, Director of CSA's Cybersecurity Engineering Centre, and Associate Professor Steven Wong, President of the Association of Information Security Professionals. (Refer to Annex A for the CCCY Composition List)
3. The CCCY will publish the Cybersecurity Standards Roadmap next year to support Singapore's digital transformation efforts. The roadmap is anchored on three key pillars - ***Building a Resilient Infrastructure, Creating a Safer Cyberspace, and Developing a Vibrant Cybersecurity Ecosystem***-. This is aligned with the key pillars under Singapore's Cybersecurity Strategy developed by the CSA. (Refer to Annex B for information on the three key pillars of the Cybersecurity Standards Roadmap)

¹ Set up by Enterprise Singapore, the Singapore Standards Council has established 10 Standards Committees and 3 Coordinating Committees, namely CCCY and two other Coordinating Committees for Smart Nation and Silver Industry.

² V-Key is a software-based digital security solutions provider. It provides back-end to front-end solutions to financial institutions, mobile payment providers and governments to implement cloud-based payments, authentication for mobile banking, and secured mobile applications for user access and data protection.

³ Brandtology provides business and brand online intelligence services round the clock from a 24x7 Command Centres. Manned by trained specialists, Brandtology enables organizations around the globe to make timely and informed strategic decisions.

4. Across the three pillars, the Roadmap will look into enhancing cybersecurity resilience in Information Technology and Operational Technology⁴ systems for users, processes and technologies. Under the pillar of “Building a Resilient Infrastructure”, CCCY will identify and promote standards relating to Critical Information Infrastructure (CII)⁵. These will help augment the protection of our CII, ensuring that our services, utilities and transport are resilient in the face of cyber-attacks. The pillar on “Creating a Safer Cyberspace” will cover standards relating to Small and Medium Enterprises (SMEs)/ large enterprises/ start-ups and the IT user community in general. For the third pillar on “Developing a Vibrant Cybersecurity Ecosystem”, CCCY will look into cybersecurity standardisation in areas such as advanced manufacturing, smart healthcare, smart mobility and autonomous vehicles to support industry transformations and emerging areas.
5. The development of these standards will help companies and government agencies mitigate cybersecurity threats as well as raise cyber hygiene and security assurance.

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For media clarifications, please contact:

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About the Cyber Security Agency of Singapore

The Cyber Security Agency of Singapore (CSA) provides dedicated and centralised oversight of national cybersecurity functions, and works with sector leads to protect Singapore’s critical services. It also engages with various industries, and stakeholders to heighten cybersecurity awareness as well as to ensure the holistic development of Singapore’s cybersecurity landscape. The Agency is part of the Prime Minister’s Office and is managed by the Ministry of Communications and Information. Information on CSA is available at www.csa.gov.sg.

⁴ Operational Technology (OT) refers to technologies involving interconnected devices and computers for the monitoring and control of physical processes. Today, OT is deployed in industrial sectors such as manufacturing, transportation, energy and water, among others.

⁵ Critical Information Infrastructure refers to the computer and network infrastructure in 11 critical sectors responsible for the continuous delivery of essential services which Singapore relies on. The 11 critical sectors are: (1) Government, (2) Infocomm, (3) Energy, (4) Aviation, (5) Maritime, (6) Land Transport, (7) Healthcare, (8) Banking and Finance, (9) Water, (10) Security and Emergency, and (11) Media.

About Enterprise Singapore

Enterprise Singapore is the government agency championing enterprise development. We work with committed companies to build capabilities, innovate and internationalise.

We also support the growth of Singapore as a hub for global trading and startups, and build trust in Singapore's products and services through quality and standards.

Visit www.enterprisesg.gov.sg for more information.

About Singapore Standards Council

The Singapore Standards Council (SSC) facilitates the development, promotion and review of Standards and Technical References in Singapore. This work is done through partnerships with the industry, academia and government organisations, under the national standardisation programme overseen by Enterprise Singapore.

Coordinating Committee for Cybersecurity (CCCY) Composition List

S/N	Capacity	Name	Representing
1	Chairman	Mr Eddie Chau	Individual
2	Dy Chairman	A/P Steven Wong	Individual
3	Dy Chairman	Mr Lim Soon Chia	Cyber Security Agency of Singapore (CSA)
4	Member	Mr Lim Thian Chin	Cyber Security Agency of Singapore (CSA)
5	Member	Mr Chai Chin Loon	Government Technology Agency (GovTech)
6	Member	Er. Dr Johnny Wong	Housing & Development Board (HDB)
7	Member	Mr Harinderpal Singh	Info-communications Media Development Authority (IMDA)
8	Member	Mr Damien Pang	Monetary Authority of Singapore (MAS)
9	Member	Dr Jonathan Pan	Ministry of Home Affairs (MHA)
10	Member	Ms Annie Lim	Ministry of Health (MOH)
11	Member	Dr Vrizlynn Thing	Institute for Infocomm Research (I ² R), Agency for Science, Technology & Research (A*STAR)
12	Member	Mr Lim Shih Hsien	SP Group
13	Member	Mr Keng Seng Wei	Individual
14	Member	Prof Yu Chien Siang	Individual
15	Member	Mr William Woo	Individual
16	Member	Dr Lim Woo Lip	Individual
17	Member	Mr Andrew Chow	Individual

Key Pillars of the Cybersecurity Standards Roadmap

The three pillars of the Cybersecurity Standards Roadmap mirror three key pillars under Singapore's Cybersecurity Strategy. Each pillar will cover standards with specific aims.

(1) Building a Resilient Infrastructure

Standards identified and promoted under this pillar aim to secure our digitally-enabled economy and society, with emphasis on the Government's partnership with the private sector and the cybersecurity community to strengthen the resilience of our Critical Information Infrastructure (CII).

(2) Creating a Safer Cyberspace

Cybersecurity is a collective responsibility of the Government, businesses, individuals and the community. Hence, under this second pillar, CCCY will identify standards that will help businesses and the public collectively build a safer and more secure cyberspace.

(3) Developing a Vibrant Cybersecurity Ecosystem

Cybersecurity is both a security imperative and an economic opportunity. The third pillar focuses on standards that will help develop a vibrant cybersecurity ecosystem to facilitate Singapore's national and economic development. This includes standards supporting national initiatives such as Smart Nation and the Industry Transformation Map (ITM), as well as standards on emerging technology.