1.   Artificial Intelligence Technical Committee (AITC)

The Technical Committee was formed to recommend the adoption of relevant international AI standards for Singapore, support the development of new AI standards where necessary or applicable, and promote awareness of AI standards.

TC Co-Chairs
Mr Koo Seng Meng
Senior Deputy Director, AI Industry Innovation, AI Singapore

Mr Gerry Chng
Executive Director, Deloitte

International Standards Participation
The TC represents Singapore as a 'Participating' member in ISO/IEC JTC 1/SC 42 on 'Artificial Intelligence'.

Singapore Standards under AITC
- TR 99:2021 Artificial intelligence (AI) security – Guidance for assessing and defending against AI security threats
- SS ISO/IEC 42001:2024 Information technology — Artificial intelligence — Management system

2.   Cloud Computing and Data Standards Technical Committee (CCDSTC)

The Cloud Computing and Data Standards Technical Committee was set up to address the industry demands for cloud computing standards.

TC Co-Chairs
Mr Raju Chellam
Individual capacity

Ms Lim Bee Kwan
Chief Executive Officer, Assurity Trusted Solutions Pte Ltd

International Standards Participation
The TC represents Singapore as a 'Participating' member of ISO/IEC JTC 1/SC 38 on 'Cloud computing and distributed platforms', and an 'Observing' member of ISO/IEC JTC 1/SC 32 Data management and interchange.

Singapore Standards under CCDSTC
- SS 584:2020 Specification for Multi-tiered Cloud Computing Security (MTCS)
- TR 62:2018 Guidelines for cloud outage incident response (COIR)
- TR 82:2020 Guidelines for Cloud Native security

3.   eFinancial Services Technical Committee (eFSTC)

The eFinancial Services Technical Committee tracks and facilitates major projects in the financial services industry, in particular the ISO 20022 standards for financial services messaging. ISO 20022 will help enable straight through processing for securities settlement, thus improving processing efficiency while reducing errors.

TC Chair
Mr Lim Heng Hai
Group Chief Executive Officer, TechCreate Solution Pte Ltd

International Standards Participation
The TC represents Singapore as a 'Participating' member of ISO/TC 68 on 'Financial services'.

Singapore Standards Under eFSTC
- SS 618:2016 ISO 20022 corporate-to-bank payment initiation and payment status

4. Green Information Technology Technical Committee (GITTC)

The Green IT Technical Committee aims to establish Singapore at the fore-front of providing sustainable IT services and solutions, by providing a consistent and coordinated approach in the development of green IT standards for Singapore.

It also promotes Green IT standards by creating user awareness, and encouraging their use and adoption by local enterprises and organisations.

TC Chair
Mr Andy Sim
Vice President and Managing Director, Dell Technologies

International Standards Participation
The TC represents Singapore as a 'Participating' member of ISO/IEC JTC 1/SC 39 on 'Sustainability, IT and data centres'.

Singapore Standards Under GITTC
- SS 564-1:2020 Sustainable data centres - Part 1: Energy and environmental management systems
- SS 564-2:2020 Sustainable data centres - Part 2: Guidance for energy and environment management systems
- SS 587:2013 Management of end-of-life ICT equipment
- SS 697:2023 Deployment and operation of data centre IT equipment under tropical climate

5. Identification Technology Technical Committee (ITTC)

The Identification Technology Technical Committee develops Singapore Standards, and participates in international activities related to identification technology. These technologies cover a wide area, ranging from biometrics, contactless smart cards,

vicinity cards, driver's licences, and machine readable travel documents. The standards will facilitate the development of efficient and interoperable identification solutions in a multi-vendor and multi-application environment.

TC Chair
Mr Lin Yih
Director, Digital Applied Research and Technology Pte Ltd

Deputy TC Chairs
Mr Lawrence Chen Tai Pang
Principal Research Engineer, Institute for Infocomm Research

Mr Kelvin Lim
Deputy Chief Specialist, Fare System, Land Transport Authority

International Standards Participation
The TC represents Singapore as a 'Participating' member of ISO/IEC JTC 1/SC 17 on 'Cards and security devices for personal identification', and ISO/IEC JTC 1/SC 37 on 'Biometrics'. Singapore is also the Convenor of ISO/IEC JTC 1/SC 17/WG 11 on 'Application of biometrics to cards and personal identification'.

Singapore Standards Under ITTC
- SS 468:1999 (2021) Specification for stored value card application
- SS 518:2014 (Incorporating Amendment 1, January 2019) Specification for contactless e-purse application (CEPAS)
- SS 529:2006 (2023) Specification for smart card ID
- SS ISO/IEC 14443-1:2021 Cards and security devices for personal identification — Contactless proximity objects — Part 1: Physical characteristics
- SS ISO/IEC 14443-2:2021 Cards and security devices for personal identification — Contactless proximity objects — Part 2: Radio frequency power and signal interface
- SS ISO/IEC 14443-3:2021 Cards and security devices for personal identification — Contactless proximity objects — Part 3: Initialization and anticollision
- SS ISO/IEC 19794-1.1:2021 IT - Biometric data interchange formats - Part 1: Framework
- SS ISO/IEC 19794-1.2:2021 IT - Biometric data interchange formats - Part 1: Framework
- SS ISO/IEC 19794-2.1:2021 IT - Biometric data interchange formats - Part 2: Finger minutiae data
- SS ISO/IEC 19794-2.2:2021 IT - Biometric data interchange formats - Part 2: Finger minutiae data
- SS ISO/IEC 19794-4.1:2021 IT - Biometric data interchange formats - Part 4: Finger image data
- SS ISO/IEC 19794-4.2:2021 IT - Biometric data interchange formats - Part 4: Finger image data
- SS ISO/IEC 19794-5.1:2021 IT - Biometric data interchange formats - Part 5: Face image data

- SS ISO/IEC 19794-5.2:2021 IT - Biometric data interchange formats - Part 5: Face image data
- SS ISO/IEC 19794-6:2021 IT - Biometric data interchange formats - Part 6: Iris image data
- SS ISO/IEC 19794-13:2021 IT - Biometric data interchange formats - Part 13: Voice data

6.   Internet of Things Technical Committee (IoTTC)

The Internet of Things Technical Committee focus on the standardisation needs in IoT technologies, such as sensor networks, system interfaces, data management and security.

TC Chair
Mr Lim Chee Kean
Chief Executive Officer, Ascent Solutions Pte Ltd

International Standards Participation
Singapore is a ''Participating' member of ISO/IEC JTC 1/SC 41 Internet of Things and digital twin.

Singapore Standards Under IoTTC
- SS 695:2023 IoT interoperability for Smart Nation
- TR 64:2018 Guidelines for IoT security for Smart Nation
- TR 69-1:2019 Video analytics within video surveillance systems - Part 1: Reference architecture and interoperability
- TR 69-2:2019 Video analytics within video surveillance systems - Part 2: Selection, installation and benchmarking
- TR 91:2021 Cybersecurity labelling for consumer IoT

7.   Multimedia Representation Technical Committee (MRTC)

The Multimedia Representation Technical Committee participates in the development of international standards for compression, decompression, processing and coded representation of moving pictures, audio and their combination.

TC Chair
Mr Lim Chong Soon
General Manager, Panasonic R&D Center Singapore

International Standards Participation
The TC represents Singapore as a 'Participating' member of ISO/IEC JTC 1/SC 29 on 'Coding of audio, picture, multimedia and hypermedia information'.

8.   Security & Privacy Standards Technical Committee (SPSTC)

The mission of the Security & Privacy Standards Technical Committee is to promulgate the development and adoption of information security and privacy standards in Singapore. It evaluates the relevant ISO and other international or national standards for adoption and use in Singapore, and supports the development of new standards where necessary or applicable.

With the proliferation of IT, organisations in all sectors of the economy are dependent on information systems and communications networks to share information as well as conduct businesses. Hence standardisation of IT security techniques is important to protect the integrity, confidentiality, reliability and availability of IT systems.

TC Chair
Mr Joseph Gan
Co-Founder & President, V-Key Pte Ltd

Deputy TC Chair
Dr Melvyn Kuan
Senior Assistant Director, Cyber Security Agency

TC Secretary
Mr Er Chiang Kai
Chief Technology Officer, V-Key Pte Ltd

International Standards Participation
The TC represents Singapore as a 'Participating' member of ISO/IEC JTC 1/SC 27 on 'Information security, cybersecurity and privacy protection'.

Singapore Standards Under SPSTC
- SS 507:2015 Information and communications technology disaster recovery services
- SS ISO/IEC 27001:2023+A1:2024 Information technology - Security techniques -Information security management systems – Requirements
- SS ISO/IEC 27002:2023 Information technology - Security techniques -Code of practice for information security controls
- SS ISO/IEC 21878:2019 Information technology - Security techniques - Security guidelines for design and implementation of virtualised servers
- TR 106:2022 Tiered cybersecurity standards for enterprises

Updated: 6 Feb 2025