Annex B

Implementation Timeline of the Public Sector Data Security Review Committee (PSDSRC)

Of the 24 initiatives recommended by the PSDSRC, 18 were implemented by 30 September 2020 (as planned) and as reported in the inaugural update. 3 more initiatives have been implemented between 1 October 2020 and 31 March 2021 – these have been denoted with "New" in the Table below.

PSDSRC Initiatives		Timeline	Status as at 31 Mar 2021
Key Recommendation 1: Enhance technology and processes to effectively protect data against security threats and prevent data compromises.			
1.1	Reduce the surface area of attack by minimising data collection, data retention, data access and data downloads	To be implemented from 2019 to 2023	Ongoing
1.2	Enhance the logging and monitoring of data transactions to detect high-risk or suspicious activity	To be implemented from 2019 to 2023	Ongoing
1.3	Protect the data directly when it is stored and distributed to render the data unusable even if extracted	To be implemented from 2019 to 2023	Ongoing
1.4	Develop and maintain expertise in advanced technical measures	To be implemented from 2019 to 2023	*(New)* Implementation has started, and is ongoing
1.5	Enhance the data security audit framework to detect gaps in practices and policies before they manifest into incidents	By 30 Apr 2020	Implemented
1.6	Enhance the third-party management framework to ensure that third parties handle Government data with the appropriate protection	By 30 Apr 2020	Implemented
Key Recommendation 2: Strengthen processes to detect and respond to data incidents swiftly and effectively.			
2.1	Establish a central contact point in the Government Data Office for the public can report Government data incidents.	By 30 Apr 2020	Implemented
2.2	Designate the Government Data Office to monitor and analyse data incidents that pose significant harm to individuals.	By 30 Apr 2020	Implemented
2.3	Designate the Government IT Incident Management Committee as the central body to respond to incidents with Severe impact.	By 30 Apr 2020	Implemented
2.4	Institute a framework for all public agencies to promptly notify individuals affected by data incidents with significant impact to the individual.	By 30 Apr 2020	Implemented
2.5	Established a standard process for post-incident inquiry for all data incidents.	By 30 Apr 2020	Implemented

PSDSRC Initiatives		Timeline	Status as at 31 Mar 2021
2.6	Distil and share learning points with all agencies to improve their data protection policies/measures and response to incidents.	By 30 Apr 2020	Implemented
Key Recommendation 3: Improve culture of excellence around sharing and using data securely, and raise public officers' competencies in safeguarding data.			
3.1	Clarify and specify the roles and responsibilities of key groups of public officers involved in the management of data security.	By 30 Apr 2020	Implemented
3.2	Equip these key groups with the requisite competencies and capabilities to perform their roles effectively.	Ongoing beyond 2021	Implementation has started and is ongoing
3.3	Inculcate a culture of excellence around sharing and using data securely.	Ongoing beyond 2021	Implementation has started and is ongoing
Key Recommendation 4: Enhance frameworks and processes to improve accountability and transparency of the public sector data security regime			
4.1	Institute organisational Key Performance Indicators (KPIs) for data security.	By 30 Apr 2020	Implemented
4.2	Mandate that the top leadership to be accountable for putting in place a strong organisational data security regime.	By 30 Apr 2020	Implemented
4.3	Make the impact and consequences of data security breaches salient to public officers.	By 30 Apr 2020	Implemented
4.4	Ensure accountability of third parties handling Government data by amending the PDPA.	By 31 Oct 2020	*(New)* Implemented
4.5	Publish the Government's policies and standards on personal data protection.	By 31 Oct 2020	Implemented
4.6	Publish an annual update on the Government's personal data protection efforts.	By 31 Oct 2020	Implemented
Key Recommendation 5: Introduce and strengthen organisational and governance structures to drive a resilient public sector data security regime			
5.1	Appoint the Digital Government Executive Committee to oversee public sector data security.	By 31 Oct 2020	Implemented
5.2	Set up a Government Data Security Unit to drive data security efforts across the Government.	By 31 Oct 2020	Implemented
5.3	Deepen the Government's expertise in data privacy protection technologies through GovTech's Capability Centres.	By 31 Oct 2020	*(New)* Implemented