

Annex A

**Implementation Timeline of the Public Sector Data Security Review Committee
Recommendations**

Of the 24 initiatives recommended by the PSDSRC, 22 have been implemented as of 31 March 2023. The implementation of the two remaining technical measures to protect data against security threats and prevent data compromises (Recommendations 1.1 and 1.3) are ongoing.

PSDSRC Initiatives		Timeline	Status as of 31 Mar 2023
<i>Key Recommendation 1: Enhance technology and processes to effectively protect data against security threats and prevent data compromises.</i>			
1.1	Reduce the surface area of attack by minimising data collection, data retention, data access and data downloads	By 31 Mar 2024 (By end FY2023)	Ongoing
1.2	Enhance the logging and monitoring of data transactions to detect high-risk or suspicious activity	By 31 Mar 2023	Implemented
1.3	Protect the data directly when it is stored and distributed to render the data unusable even if extracted	By 31 Mar 2024 (By end FY2023)	Ongoing
1.4	Develop and maintain expertise in advanced technical measures	Continual effort beyond FY2023	Implemented
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
<i>Key Recommendation 2: Strengthen processes to detect and respond to data incidents swiftly and effectively.</i>			
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

PSDSRC Initiatives		Timeline	Status as of 31 Mar 2023
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
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.	Continual effort beyond FY2023	Implemented
3.3	Inculcate a culture of excellence around sharing and using data securely.	Continual effort beyond FY2023	Implemented
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	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 that can meet future needs			
5.1	Appoint the Digital Government Executive Committee to oversee public sector data security.	By 31 Oct 2020	Implemented

PSDSRC Initiatives		Timeline	Status as of 31 Mar 2023
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	Implemented