Information for agencies

Information Security Risk Statement Library

Risk statements

This document lists the risk statements published across all of OVIC’s information security incident notification insights reports.

| The risk of… | Caused by… | Resulting in…[[1]](#footnote-1) |
| --- | --- | --- |
| Unauthorised disclosure of personal information ***(Compromise of confidentiality)*** | Employees accidentally sending emails to incorrect recipients | Impact to individuals whose personal information was affected  |
| Unauthorised collection and use of client information ***(Compromise of confidentiality)*** | Former employee extracting data from a system for their own personal gain | Financial impact to the organisation |
| Unauthorised handling of customer records ***(Compromise of confidentiality)*** | Third party employees with inappropriate email settings | Impact to legal and regulatory compliance |
| Unauthorised access to health information ***(Compromise of the availability)***  | Malicious external threat actor intercepting mobile communications | Impact to service delivery  |
| Unauthorised modification of a database ***(Compromise of the integrity)*** | Cybercriminal exploiting a vulnerability in a cloud hosted system | Impact to individuals whose personal information was affected |
| Unauthorised access to government information ***(Compromise of the confidentiality)*** | Inappropriate disposal of hard copy records | Impact to reputation |
| Unauthorised disclosure of employee information ***(Compromise of confidentiality)*** | Incorrect permissions set on shared drive / MS Teams / line of business system / Google drive | Impact to individuals whose personal information was affected  |
| Inappropriate handling of investigations information***(Compromise of confidentiality)*** | Employee using unauthorised third-party software not approved by the organisation  | Impact on public services (reputation of, and confidence in, the organisation) |
| Inappropriate handling of identity information***(Compromise of confidentiality and integrity)*** | Employees failing to follow the identity checking process and being helpful to callers probing for information over the phone to change other customer records | Impact to individuals whose personal information was affected  |
| Loss of client files***(Compromise of availability)*** | Third party suffering a ransomware attack | Impact to service delivery |
| Customers not receiving their documents (letters/bills) in a timely manner***(Compromise of availability)*** | Physical mail missing and not reaching intended mailing address | Impact to individuals |
| Misuse of customer information for personal gain***(Compromise of confidentiality)*** | Employees looking up customers’ records without legitimate business reason | Impact to individuals whose personal information was affected Impact on public services (reputation of, and confidence in, the organisation) |
| Accidental access to client information ***(Compromise of confidentiality)*** | Third parties not following the labelling requirements of the organisation | Impact to individuals whose personal information was affected  |
| Customers not receiving their letters in a timely manner***(Compromise of integrity and availability)*** | Employees not paying attention and inputting incorrect data into customer database | Impact to individuals whose personal information was affected |
| Unauthorised access to systems and data***(Compromise of confidentiality and availability)*** | Malicious threat actors stealing government devices and poor password practices by employees (password stuck on stolen device) | Impact on service deliveryImpact on public services (reputation of, and confidence in, the organisation) |
| Financial fraud ***(Compromise of integrity)*** | Malicious threat actors conducting a business email compromise (**BEC**) and intercepting communications | Impact on organisation’s finances  |
| Unauthorised access to sensitive information after purchasing a second-hand computer***(Compromise of confidentiality)*** | Authorised third-party not sanitising computers prior to reselling  | Impact on public services (reputation of, and confidence in, the organisation)Impact to individuals whose personal information was affected |
| Unauthorised access to hard copy documents containing personal information ***(Compromise of confidentiality and availability)*** | Threat actor accessing key-safe box mounted on the exterior of the building and gaining entry to steal assets  | Impact to individuals whose personal information was affectedImpact on service delivery |
| Financial fraud ***(Compromise of confidentiality and integrity)*** | Internal staff intentionally accessing customer accounts and changing bank details | Impact on organisation’s finances Impact to individuals whose personal information was affected |
| Unauthorised access to sensitive information***(Compromise of confidentiality)*** | Malicious threat actor launching a cyber-attack on an authorised third-party who retained public sector information longer than the required timeframe | Impact on public services (reputation of, and confidence in, the organisation)Impact to individuals whose personal information was affectedImpact on legal and regulatory compliance |
| Unauthorised access to / inability to access public sector information ***(Compromise of confidentiality and availability)*** | Lost backup tapes during transit from authorised third party to public sector organisation  | Impact to individuals whose personal information was affectedImpact on service delivery |
| Poor data quality ***(Compromise of integrity)*** | Internal staff manually processing an application and inadvertently linking it to the wrong case | Impact on public services (reputation of, and confidence in, the organisation)Impact to individuals whose personal information was affected |
| Unauthorised access to / inability to access public sector information ***(Compromise of confidentiality and availability)*** | Thieves breaking into an authorised third-party premises and stealing a book / hard copy files and hard drive  | Impact on service deliveryImpact on public services (reputation of, and confidence in, the organisation) |
| Unauthorised access to public sector information ***(Compromise of confidentiality, integrity, and availability)*** | Malicious threat actor hacking third-party application account credentials that are the same as credentials used on VPS systems to either access public sector systems or publish on dark web | Impact on public services (reputation of, and confidence in, the organisation)Impact on service deliveryImpact to individuals whose personal information was affected |
| Employee payroll information shared without employee consent with a superannuation fund ***(Compromise of confidentiality, integrity)*** | System change triggering an override function and subsequently incorrectly processing data, reverting employees to the default fund and informing the fund  | Impact on public services (reputation of, and confidence in, the organisation)Impact to individuals whose personal information was affected |
| Inability to access public sector information ***(Compromise of availability)*** | System crash following a staff member rebooting one network device after a configuration change which caused a chain reaction on the rest of the network leading to connectivity issues | Impact on service deliveryImpact on public services (reputation of, and confidence in, the organisation) |
| Inadvertent release of client information ***(Compromise of confidentiality)*** | Public sector organisation not redacting documents | Impact on public services (reputation of, and confidence in, the organisation)Impact to individuals whose personal information was affected |
| Inappropriate handling and disclosure of payment information***(Compromise of confidentiality, integrity)*** | Storing unredacted credit card information | Impact on legal and regulatory compliance requirements e.g. payment card industry data security standards (**PCI-DSS**)Impact to individuals whose personal information was affected |
| Inability to make phone calls or conduct electronic monitoring***(Compromise of availability)*** | Telecommunications provider outage | Impact on service deliveryImpact on public services (reputation of, and confidence in, the organisation) |
| Unauthorised access to customer ticketing data***(Compromise of confidentiality)*** | Malicious threat actor compromising fourth-party supply chain | Impact on public services (reputation of, and confidence in, the organisation)Impact to individuals whose personal information was affected |
| Unauthorised disclosure of personal information or incorrect details due to utility bills being sent to incorrect recipient(s) and not the correct recipient***(Compromise of confidentiality, integrity and availability)*** | System upgrade project with poor data quality | Impact to individuals whose personal information was affected Impact to service deliveryImpact on public services (reputation of, and confidence in, the organisation) |
| Unauthorised disclosure of identity documentation***(Compromise of confidentiality)*** | Accidental errors by internal staff not paying attention to detail or applying due diligence | Impact to individuals whose personal information was affected Impact on public services (reputation of, and confidence in, the organisation) |
| Inability to access an online Workplace Health and Safety Management platform to undertake normal operational duties***(Compromise of availability)*** | Reliance on authorised third party hosting the platform and being unavailable to answer/return any calls | Impact to service deliveryImpact on public services (reputation of, and confidence in, the organisation) |
| Unauthorised transfer/release of information including cabinet, intellectual property and personal information about other staff***(Compromise of confidentiality)*** | Disgruntled staff member sending information to/from their own personal email account | Impact to individuals whose personal information was affected Impact on public services (reputation of, and confidence in, the organisation) |
| Disclosure of personal information published on website***(Compromise of confidentiality and availability)*** | Misconfiguration of platform by third party not selecting the correct fields to redact before displaying information | Impact to individuals whose personal information was affected Impact on public services (reputation of, and confidence in, the organisation) |
| Incorrect customer records leading to unauthorised disclosure of address details to ex-partner***(Compromise of confidentiality and integrity)*** | Incorrect data matching and linking of accounts during system migration  | Impact to service deliveryImpact to individuals whose personal information was affected Impact on public services (reputation of, and confidence in, the organisation) |

1. The extent of the impact could be “limited” or higher depending on the context and nature of the incident and is left for an organisation to determine. [↑](#footnote-ref-1)