Information Security (RCST) Framework

Unclassified	**Restricted**	**Confidential**	**Secret**
Will **NOT** result in damage / negative impact to PHI / Agency's interest / function, national interest / security if leaked	Results in damage / negative impact to PHI / Agency's interest / function, national interest / security if leaked	Results in damage / negative impact to PHI / Agency's interest / function, national interest / security if leaked	Results in damage / negative impact to PHI / Agency's interest / function, national interest / security if leaked

Information Sensitivity Framework (ISF)

ISF	**Individual**	**Business Entity**
Non-Sensitive	Does not cause physical, financial, or emotional injury to the individual if data is leaked; OR is personal information that is socially expected to be openly available. Type of Data: • Public Data • Anonymized Data	Does not impact a business' processes or operations if data is leaked; OR is business information that is socially accepted as openly available Type of Data: • Employment & Business Activity Data (e.g. course enrolment, business contact information) • Transactional data (e.g. address, bank account, details, mobile numbers)
Sensitive - Normal	Causes temporary and minor emotional distress or disturbance to the individual if data is leaked Type of Data: • Clinical Information (e.g. general medical information) • Personal Identifiable Information (PII) (e.g. birth dates, NRIC) • Genomic Information excluding Whole Genomic Sequence (WGS) and Whole Exome Sequence (WES) • Health / Social Information (Socially acceptable to be shared) e.g. behavioral, relationships	Causes a reduction in competitiveness or a compromise of business interests if data is leaked (e.g. loss of potential business opportunities, some damage to reputation)
Sensitive - High	Causes serious physical, financial or sustained emotional injury or social stigma to the individual if data is leaked. Type of Data: • Sensitive Clinical Information (e.g. VVIP medical records) • Sensitive Genomic Information (e.g. WGS, WES) • Sensitive High / Social Information (e.g. sexual preferences)	Causes sustained financial loss if data is leaked (e.g. inability to conduct normal business operations, significant and irreversible loss of competitive advantage, major damage to reputation)

Examples

ISF \ RCST	Unclassified	Restricted	Confidential	Secret
Non-sensitive	• Public Data • Anonymized Data • Employment & Business Activity Data • Transactional Data		N.A for PHIs and Agencies	N.A for PHIs and Agency
Sensitive - Normal		• Clinical Information • Personal Identifiable Information (PII) • Genomic Information • Health / Social Information		
Sensitive - High		• Sensitive Clinical Information • Sensitive Genomic Information • Sensitive High / Social Information		