

NIST IR 8477-Based Set Theory Relationship Mapping (STRM)

Reference Document: Secure Controls Framework (SCF) version 2025.3
STRM Guidance: <https://securecontrolsframework.com/set-theory-relationship-mapping-strm/>

Focal Document:

Focal Document URL: <https://capitol.texas.gov/tlodocs/89R/billtext/html/SB02610S.htm>
Published STRM URL: <https://securecontrolsframework.com/content/strm/scf-strm-us-state-tx-sb2610.pdf>

Texas SB 2610 (Safe Harbor Law)

FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship (optional)	Notes (optional)
Chapter 545	Cybersecurity Program	N/A	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.001	Definitions	In this chapter:	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.001(1)	N/A	"Breach of system security" has the meaning assigned by Section 521.053.	Functional	Intersects With	Standardized Terminology	SEA-02.1	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5	
542.001(2)	N/A	"Exemplary damages" has the meaning assigned by Section 41.001, Civil Practice and Remedies Code.	Functional	Intersects With	Standardized Terminology	SEA-02.1	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5	
542.001(3)	N/A	"Personal identifying information" and "sensitive personal information" have the meanings assigned by Section 521.002.	Functional	Intersects With	Standardized Terminology	SEA-02.1	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5	
542.002	Applicability of Chapter	This chapter applies only to a business entity in this state that:	Functional	Intersects With	Compliance Scope	CPL-01.2	Mechanisms exist to document and validate the scope of cybersecurity and data protection controls that are determined to meet statutory, regulatory and/or contractual compliance obligations.	5	
542.002(1)	N/A	has fewer than 250 employees; and	Functional	Intersects With	Compliance Scope	CPL-01.2	Mechanisms exist to document and validate the scope of cybersecurity and data protection controls that are determined to meet statutory, regulatory and/or contractual compliance obligations.	5	
542.002(2)	N/A	owns or licenses computerized data that includes sensitive personal information.	Functional	Intersects With	Compliance Scope	CPL-01.2	Mechanisms exist to document and validate the scope of cybersecurity and data protection controls that are determined to meet statutory, regulatory and/or contractual compliance obligations.	5	
542.003	Cybersecurity Program Safe Harbor: Exemplary Damages Prohibited	Notwithstanding any other law, in an action arising from a breach of system security, a person harmed as a result of the breach may not recover exemplary damages from a business entity to which this chapter applies if the entity demonstrates that at the time of the breach the entity implemented and maintained a cybersecurity program in compliance with Section 542.004.	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.004	Cybersecurity Program	N/A	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.004(a)	N/A	For purposes of Section 542.003, a cybersecurity program must:	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.004(a)(1)	N/A	contain administrative, technical, and physical safeguards for the protection of personal identifying information and sensitive personal information;	Functional	Intersects With	Cybersecurity & Data Protection Governance Program	GOV-01	Mechanisms exist to facilitate the implementation of cybersecurity and data protection governance controls.	8	
542.004(a)(2)	N/A	conform to an industry-recognized cybersecurity framework as described by Subsection (b);	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	8	
542.004(a)(3)	N/A	be designed to:	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.004(a)(3)(A)	N/A	protect the security of personal identifying information and sensitive personal information;	Functional	Intersects With	Sensitive / Regulated Data Protection	DCH-01.2	Mechanisms exist to protect sensitive/regulated data wherever it is stored.	8	
542.004(a)(3)(B)	N/A	protect against any threat or hazard to the integrity of personal identifying information and sensitive personal information; and	Functional	Intersects With	Sensitive / Regulated Data Protection	DCH-01.2	Mechanisms exist to protect sensitive/regulated data wherever it is stored.	8	
542.004(a)(3)(C)	N/A	protect against unauthorized access to or acquisition of personal identifying information and sensitive personal information that would result in a material risk of identity theft or other fraud to the individual to whom the information relates; and	Functional	Intersects With	Sensitive / Regulated Data Protection	DCH-01.2	Mechanisms exist to protect sensitive/regulated data wherever it is stored.	8	
542.004(a)(4)	N/A	with regard to the scale and scope, meet the following requirements:	Functional	Intersects With	N/A	N/A	N/A	N/A	No requirements to map to.
542.004(a)(4)(A)	N/A	for a business entity with fewer than 20 employees, simplified requirements, including password policies and appropriate employee cybersecurity training;	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(a)(4)(B)	N/A	for a business entity with at least 20 employees but fewer than 100 employees, moderate requirements, including the requirements of the Center for Internet Security Controls Implementation Group 1; and	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(a)(4)(C)	N/A	for a business entity with at least 100 employees but fewer than 250 employees, compliance with the requirements of Subsection (b).	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(b)	N/A	A cybersecurity program under this section conforms to an industry-recognized cybersecurity framework for purposes of this section if the program conforms to:	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(b)(1)	N/A	a current version of or any combination of current versions of the following:	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(A)	N/A	the Framework for Improving Critical Infrastructure Cybersecurity published by the National Institute of Standards and Technology (NIST);	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(B)	N/A	the NIST's special publication 800-171;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(C)	N/A	the NIST's special publications 800-53 and 800-53a;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(D)	N/A	the Federal Risk and Authorization Management Program's FedRAMP Security Assessment Framework;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(E)	N/A	the Center for Internet Security Critical Security Controls for Effective Cyber Defense;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(F)	N/A	the ISO/IEC 27000-series information security standards published by the International Organization for Standardization and the International Electrotechnical Commission;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(G)	N/A	the Health Information Trust Alliance's Common Security Framework;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(H)	N/A	the Secure Controls Framework;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	Note: SCF CORE Fundamentals is designed for small and medium businesses. https://securecontrolsframework.com/core/
542.004(b)(1)(I)	N/A	the Service Organization Control Type 2 Framework; or	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(1)(J)	N/A	other similar frameworks or standards of the cybersecurity industry;	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-01.3	Mechanisms exist to ensure the organization is able to demonstrate conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5	
542.004(b)(2)	N/A	if the business entity is subject to its requirements, the current version of the following:	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(b)(2)(A)	N/A	the Health Insurance Portability and Accountability Act of 1996 (42 U.S.C. Title V, Gramm-Leach-Bliley Act (15 U.S.C. Section 6801 et seq.);	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(b)(2)(B)	N/A	the Federal Information Security Modernization Act of 2014 (Pub. L. No. 113-283); or	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(b)(2)(C)	N/A	the Health Information Technology for Economic and Clinical Health Act (Division A, Title XIII, and Division B, Title IV, Pub. L. No. 111-5); and	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(b)(2)(D)	N/A	if applicable to the business entity, a current version of the Payment Card Industry Data Security Standard.	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(c)	N/A	If any standard described by Subsection (b)(1) is published and updated, a business entity's cybersecurity program continues to meet the requirements of a program under this section if the entity updates the program to meet the updated standard not later than the later of:	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-01	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5	
542.004(c)(1)	N/A	the implementation date published in the updated standard; or	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.004(c)(2)	N/A	the first anniversary of the date on which the updated standard is published.	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
542.005	Authority of Attorney General Not Affected	This chapter may not be construed to limit the authority of the attorney general to seek any legal or equitable remedy under the laws of this state.	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.

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542.006	Class Action Certification Not Affected	This chapter does not affect the certification of an action as a class action.	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.