

NIST IR 8477-Based Set Theory Relationship Mapping (STRM)			Focal Document: USA - Texas Responsible Artificial Intelligence Governance Act (TRAIGA) - H.B. 149								
Reference Document: Secure Controls Framework (SCF) version 2026.3 STRM Guidance: https://securecontrolsframework.com/start-here/set-theory-relationship-mapping-strm/			Focal Document URL: https://capitol.texas.gov/BillLookup/History.aspx?LegSess=89R&Bill=HB149		Published STRM URL: https://content.securecontrolsframework.com/strm/scf-strm-usa-state-tx-traiga-2025.pdf						
FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship	Notes	Legacy SCF #	
Sec. 1	Short title	This Act may be cited as the Texas Responsible Artificial Intelligence Governance Act.	Functional	No Relationship	N/A	N/A	N/A	0			
Sec. 2 / 503.001(a)	Biometric identifiers - definitions	(see definitions section)	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1	
Sec. 2 / 503.001(b-1)	N/A	For purposes of Subsection (b), an individual has not been informed of and has not provided consent for the capture or storage of a biometric identifier of an individual for a commercial purpose based solely on the existence of an image or other media containing one or more biometric identifiers of the individual on the Internet or other publicly available source unless the image or other media was made publicly available by the individual to whom the biometric identifiers relate.	Functional	Intersects With	Data Subject Consent	PRI-24	Mechanisms exist to enable data subjects to authorize the collection, receipt, processing, storage, transmission, sharing, updating and/or disposal of their Personal Data (PD), where the data subject is provided, prior to collection, with: (1) Plain language explaining the potential data privacy risks of the authorization; (2) A means to decline the authorization; and (3) Necessary choice and consent-related criteria required by applicable statutory, regulatory and contractual obligations.	5		PRI-03	
Sec. 2 / 503.001(e)	N/A	This section does not apply to: (1) voiceprint data retained by a financial institution or an affiliate of a financial institution, as those terms are defined by 15 U.S.C. Section 6809; (2) the training, processing, or storage of biometric identifiers involved in developing, training, evaluating, disseminating, or otherwise offering artificial intelligence models or systems, unless a system is used or deployed for the purpose of uniquely identifying a specific individual; or (3) the development or deployment of an artificial intelligence model or system for the purposes of: (A) preventing, detecting, protecting against, or responding to security incidents, identity theft, fraud, harassment, malicious or deceptive activities, or any other illegal activity; (B) preserving the integrity or security of a system; or (C) investigating, reporting, or prosecuting a person responsible for a security incident, identity theft, fraud, harassment, a malicious or deceptive activity, or any other illegal activity.	Functional	No Relationship	N/A	N/A	N/A	0			
Sec. 2 / 503.001(f)	N/A	If a biometric identifier captured for the purpose of training an artificial intelligence system is subsequently used for a commercial purpose not described by Subsection (e), the person possessing the biometric identifier is subject to: (1) this section's provisions for the possession and destruction of a biometric identifier; and (2) the penalties associated with a violation of this section.	Functional	Intersects With	Personal Data (PD) Retention & Disposal	PRI-30	Mechanisms exist to: (1) Retain Personal Data (PD), including metadata, for an organization-defined time period to fulfill the purpose(s) identified in the notice or as required by law; (2) Dispose of, destroys, erases, and/or anonymizes the PD, regardless of the method of storage; and (3) Use organization-defined techniques or methods to ensure secure deletion or destruction of PD (including originals, copies and archived records).	5		PRI-05	
Sec. 3 / 541.104(a)	Processor duties	A processor shall adhere to the instructions of a controller and shall assist the controller in meeting or complying with the controller's duties or requirements under this chapter, including:	Functional	Intersects With	Data Privacy Requirements for Contractors & Service Providers	PRI-14	Mechanisms exist to include data privacy requirements in contracts and other acquisition-related documents that establish data privacy roles and responsibilities for contractors and service providers.	5		PRI-07.1	
Sec. 3 / 541.104(a)(1)	N/A	Assisting the controller in responding to consumer rights requests submitted under Section 541.051 by using appropriate technical and organizational measures, as reasonably practicable, taking into account the nature of processing and the information available to the processor;	Functional	Intersects With	Data Privacy Requirements for Contractors & Service Providers	PRI-14	Mechanisms exist to include data privacy requirements in contracts and other acquisition-related documents that establish data privacy roles and responsibilities for contractors and service providers.	5		PRI-07.1	
Sec. 3 / 541.104(a)(1)	N/A	Assisting the controller in responding to consumer rights requests submitted under Section 541.051 by using appropriate technical and organizational measures, as reasonably practicable, taking into account the nature of processing and the information available to the processor;	Functional	Intersects With	Data Subject Rights Management	PRI-39	Mechanisms exist to facilitate the receipt, validation, fulfillment and documentation of data subject rights requests in accordance with applicable statutory, regulatory and/or contractual obligations.	5		PRI-06.4	
Sec. 3 / 541.104(a)(2)	N/A	Assisting the controller with regard to complying with requirements relating to the security of processing personal data, and if applicable, the personal data collected, stored, and processed by an artificial intelligence system, as that term is defined by Section 551.001, and to the notification of a breach of security of the processor's system under Chapter 521, taking into account the nature of processing and the information available to the processor; and	Functional	Intersects With	Incident Stakeholder Reporting	IRO-16	Mechanisms exist to timely-report incidents to applicable: (1) Internal stakeholders; (2) Affected clients & third-parties; and (3) Regulatory authorities.	5		IRO-10	
Sec. 3 / 541.104(a)(2)	N/A	Assisting the controller with regard to complying with requirements relating to the security of processing personal data, and if applicable, the personal data collected, stored, and processed by an artificial intelligence system, as that term is defined by Section 551.001, and to the notification of a breach of security of the processor's system under Chapter 521, taking into account the nature of processing and the information available to the processor; and	Functional	Intersects With	Security of Personal Data (PD)	PRI-10	Mechanisms exist to ensure Personal Data (PD) is protected by logical and physical security safeguards that are sufficient and appropriately scoped to protect the confidentiality and integrity of the PD.	5		PRI-01.6	
Sec. 3 / 541.104(a)(2)	N/A	Assisting the controller with regard to complying with requirements relating to the security of processing personal data, and if applicable, the personal data collected, stored, and processed by an artificial intelligence system, as that term is defined by Section 551.001, and to the notification of a breach of security of the processor's system under Chapter 521, taking into account the nature of processing and the information available to the processor; and	Functional	Intersects With	Data Privacy Requirements for Contractors & Service Providers	PRI-14	Mechanisms exist to include data privacy requirements in contracts and other acquisition-related documents that establish data privacy roles and responsibilities for contractors and service providers.	5		PRI-07.1	
Sec. 3 / 541.104(a)(3)	N/A	Providing necessary information to enable the controller to conduct and document data protection assessments under Section 541.105.	Functional	Intersects With	Data Privacy Requirements for Contractors & Service Providers	PRI-14	Mechanisms exist to include data privacy requirements in contracts and other acquisition-related documents that establish data privacy roles and responsibilities for contractors and service providers.	5		PRI-07.1	
Sec. 3 / 541.104(a)(3)	N/A	Providing necessary information to enable the controller to conduct and document data protection assessments under Section 541.105.	Functional	Intersects With	Data Protection Impact Assessment (DPIA)	RSK-19	Mechanisms exist to conduct a Data Protection Impact Assessment (DPIA) on Technology Assets, Applications and/or Services (TAAS) that store, process and/or transmit Personal Data (PD) to identify and remediate reasonably-expected risks.	5		RSK-10	
551.001	Definitions	(see definitions section)	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1	
551.002	Applicability of subtitle	This subtitle applies only to a person who: (1) promotes, advertises, or conducts business in this state; (2) produces a product or service used by residents of this state; or (3) develops or deploys an artificial intelligence system in this state.	Functional	No Relationship	N/A	N/A	N/A	0			
551.003	Construction and application of subtitle	This subtitle shall be broadly construed and applied to promote its underlying purposes, which are to: (1) facilitate and advance the responsible development and use of artificial intelligence systems; (2) protect individuals and groups of individuals from known and reasonably foreseeable risks associated with artificial intelligence systems; (3) provide transparency regarding risks in the development, deployment, and use of artificial intelligence systems; and (4) provide reasonable notice regarding the use or contemplated use of artificial intelligence systems by state agencies.	Functional	No Relationship	N/A	N/A	N/A	0			
552.001	Definitions	(see definitions section)	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1	
552.002	Construction of chapter	This chapter may not be construed to: (1) impose a requirement on a person that adversely affects the rights or freedoms of any person, including the right of free speech; or (2) authorize any department or agency other than the Department of Insurance to regulate or oversee the business of insurance.	Functional	No Relationship	N/A	N/A	N/A	0			
552.003	Local preemption	This chapter supersedes and preempts any ordinance, resolution, rule, or other regulation adopted by a political subdivision regarding the use of artificial intelligence systems.	Functional	No Relationship	N/A	N/A	N/A	0			
552.051(a)	Disclosure to consumers	In this section, "health care services" means services related to human health or to the diagnosis, prevention, or treatment of a human disease or impairment provided by an individual licensed, registered, or certified under applicable state or federal law to provide those services.	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1	
552.051(b)	N/A	A governmental agency that makes available an artificial intelligence system intended to interact with consumers shall disclose to each consumer, before or at the time of interaction, that the consumer is interacting with an artificial intelligence system.	Functional	Intersects With	AI & Autonomous Technologies Use Notification To Users	AAT-35.8	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) that make decisions, or assist in making decisions, inform the people in a clear manner that they are: (1) Utilizing an AAT solution; and (2) Expected to validate the output for relevance and accuracy.	8		AAT-22.8	

NIST IR 8477-Based Set Theory Relationship Mapping (STRM)					Focal Document: USA - Texas Responsible Artificial Intelligence Governance Act (TRAIGA) - H.B. 149						
Reference Document: Secure Controls Framework (SCF) version 2026.3					Focal Document URL: https://capitol.texas.gov/BillLookup/History.aspx?LegSess=89R&Bill=HB149						
STRM Guidance: https://securecontrolsframework.com/start-here/set-theory-relationship-mapping-strm/					Published STRM URL: https://content.securecontrolsframework.com/strm/scf-strm-usa-state-tx-traiga-2025.pdf						
FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship	Notes	Legacy SCF #	
552.051(c)	N/A	A person is required to make the disclosure under Subsection (b) regardless of whether it would be obvious to a reasonable consumer that the consumer is interacting with an artificial intelligence system.	Functional	Intersects With	AI & Autonomous Technologies Use Notification To Users	AAT-35.8	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) that make decisions, or assist in making decisions, inform the people in a clear manner that they are: (1) Utilizing an AAT solution; and (2) Expected to validate the output for relevance and accuracy.	8		AAT-22.8	
552.051(d)	N/A	A disclosure under Subsection (b): (1) must be clear and conspicuous; (2) must be written in plain language; and (3) may not use a dark pattern, as that term is defined by Section 541.001.	Functional	Intersects With	AI & Autonomous Technologies Use Notification To Users	AAT-35.8	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) that make decisions, or assist in making decisions, inform the people in a clear manner that they are: (1) Utilizing an AAT solution; and (2) Expected to validate the output for relevance and accuracy.	8		AAT-22.8	
552.051(e)	N/A	A disclosure under Subsection (b) may be provided by using a hyperlink to direct a consumer to a separate Internet web page.	Functional	Intersects With	AI & Autonomous Technologies Use Notification To Users	AAT-35.8	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) that make decisions, or assist in making decisions, inform the people in a clear manner that they are: (1) Utilizing an AAT solution; and (2) Expected to validate the output for relevance and accuracy.	8		AAT-22.8	
552.051(f)	N/A	If an artificial intelligence system is used in relation to health care service or treatment, the provider of the service or treatment shall provide the disclosure under Subsection (b) to the recipient of the service or treatment or the recipient's personal representative not later than the date the service or treatment is first provided, except in the case of emergency, in which case the provider shall provide the required disclosure as soon as reasonably possible.	Functional	Intersects With	AI & Autonomous Technologies Use Notification To Users	AAT-35.8	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) that make decisions, or assist in making decisions, inform the people in a clear manner that they are: (1) Utilizing an AAT solution; and (2) Expected to validate the output for relevance and accuracy.	8		AAT-22.8	
552.052	Manipulation of human behavior	A person may not develop or deploy an artificial intelligence system in a manner that intentionally aims to incite or encourage a person to: (1) commit physical self-harm, including suicide; (2) harm another person; or (3) engage in criminal activity.	Functional	Intersects With	AI & Autonomous Technologies Harm Prevention	AAT-19	Mechanisms exist to proactively prevent harm by regularly identifying and tracking existing, unanticipated and emergent Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	8		AAT-17	
552.052	Manipulation of human behavior	A person may not develop or deploy an artificial intelligence system in a manner that intentionally aims to incite or encourage a person to: (1) commit physical self-harm, including suicide; (2) harm another person; or (3) engage in criminal activity.	Functional	Intersects With	Manipulative or Deceptive Techniques	AAT-20.1	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that utilize manipulative or deceptive techniques (including biased data) to impair an individual's ability to make a reasonably informed decision.	8		AAT-19.1	
552.053	Social scoring	A governmental entity may not use or deploy an artificial intelligence system that evaluates or classifies a natural person or group of natural persons based on social behavior or personal characteristics, whether known, inferred, or predicted, with the intent to calculate or assign a social score or similar categorical estimation or valuation of the person or group of persons that results or may result in:	Functional	Intersects With	Social Scoring	AAT-20.3	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that: (1) Evaluate human subjects over a certain period of time based on their social behavior or known, inferred or predicted personal or personality characteristics; and (2) Assign a "social score" branding or equivalent classification.	8		AAT-19.3	
552.053(1)	N/A	Detrimental or unfavorable treatment of a person or group of persons in a social context unrelated to the context in which the behavior or characteristics were observed or noted;	Functional	Intersects With	Detrimental or Unfavorable Treatment	AAT-20.4	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that lead to the detrimental or unfavorable treatment of certain data subjects, or groups of data subjects, in social contexts that is: (1) Are unrelated to the contexts in which the data was originally generated or collected; and/or (2) Is unjustified or disproportionate to their social behavior or its gravity.	5		AAT-19.4	
552.053(2)	N/A	Detrimental or unfavorable treatment of a person or group of persons that is unjustified or disproportionate to the nature or gravity of the observed or noted behavior or characteristics; or	Functional	Intersects With	Detrimental or Unfavorable Treatment	AAT-20.4	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that lead to the detrimental or unfavorable treatment of certain data subjects, or groups of data subjects, in social contexts that is: (1) Are unrelated to the contexts in which the data was originally generated or collected; and/or (2) Is unjustified or disproportionate to their social behavior or its gravity.	5		AAT-19.4	
552.053(3)	N/A	The infringement of any right guaranteed under the United States Constitution, the Texas Constitution, or state or federal law.	Functional	Intersects With	Detrimental or Unfavorable Treatment	AAT-20.4	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that lead to the detrimental or unfavorable treatment of certain data subjects, or groups of data subjects, in social contexts that is: (1) Are unrelated to the contexts in which the data was originally generated or collected; and/or (2) Is unjustified or disproportionate to their social behavior or its gravity.	3		AAT-19.4	
552.054(a)	Capture of biometric data	In this section, "biometric data" means data generated by automatic measurements of an individual's biological characteristics. The term includes a fingerprint, voiceprint, eye retina or iris, or other unique biological pattern or characteristic that is used to identify a specific individual. The term does not include a physical or digital photograph or data generated from a physical or digital photograph, a video or audio recording or data generated from a video or audio recording, or information collected, used, or stored for health care treatment, payment, or operations under the Health Insurance Portability and Accountability Act of 1996 (42 U.S.C. Section 1320d et seq.).	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1	
552.054(b)	N/A	A governmental entity may not develop or deploy an artificial intelligence system for the purpose of uniquely identifying a specific individual using biometric data or the targeted or untargeted gathering of images or other media from the Internet or any other publicly available source without the individual's consent, if the gathering would infringe on any right of the individual under the United States Constitution, the Texas Constitution, or state or federal law.	Functional	Intersects With	Populating Facial Recognition Databases	AAT-20.6	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that create, or expand, facial recognition databases through scraping facial images from: (1) The Internet; or (2) Closed-Circuit Television (CCTV) footage.	5		AAT-19.6	
552.054(b)	N/A	A governmental entity may not develop or deploy an artificial intelligence system for the purpose of uniquely identifying a specific individual using biometric data or the targeted or untargeted gathering of images or other media from the Internet or any other publicly available source without the individual's consent, if the gathering would infringe on any right of the individual under the United States Constitution, the Texas Constitution, or state or federal law.	Functional	Intersects With	Biometric Categorization	AAT-20.8	Mechanisms exist to prohibit the sale, deployment and/or use of Artificial Intelligence (AI) and Autonomous Technologies (AAT) that categorize an individual based on their biometric data to deduce, or infer, the individual's: (1) Race; (2) Political opinions; (3) Trade union membership; (4) Religious or philosophical beliefs; (5) Sex life or sexual orientation; and/or (6) Age.	5		AAT-19.8	
552.054(b)	N/A	A governmental entity may not develop or deploy an artificial intelligence system for the purpose of uniquely identifying a specific individual using biometric data or the targeted or untargeted gathering of images or other media from the Internet or any other publicly available source without the individual's consent, if the gathering would infringe on any right of the individual under the United States Constitution, the Texas Constitution, or state or federal law.	Functional	Intersects With	Data Subject Consent	PRI-24	Mechanisms exist to enable data subjects to authorize the collection, receipt, processing, storage, transmission, sharing, updating and/or disposal of their Personal Data (PD), where the data subject is provided, prior to collection, with: (1) Plain language explaining the potential data privacy risks of the authorization; (2) A means to decline the authorization; and (3) Necessary choice and consent-related criteria required by applicable statutory, regulatory and contractual obligations.	5		PRI-03	
552.054(c)	N/A	A violation of Section 503.001 is a violation of this section.	Functional	No Relationship	N/A	N/A	N/A	0			
552.055(a)	Constitutional protection	A person may not develop or deploy an artificial intelligence system with the sole intent for the artificial intelligence system to infringe, restrict, or otherwise impair an individual's rights guaranteed under the United States Constitution.	Functional	Intersects With	AI & Autonomous Technologies Harm Prevention	AAT-19	Mechanisms exist to proactively prevent harm by regularly identifying and tracking existing, unanticipated and emergent Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	3		AAT-17	
552.055(b)	N/A	This section is remedial in purpose and may not be construed to create or expand any right guaranteed by the United States Constitution.	Functional	No Relationship	N/A	N/A	N/A	0			
552.056(a)	Unlawful discrimination	(see definitions section)	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1	

FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship	Notes	Legacy SCF #
552.056(b)	N/A	A person may not develop or deploy an artificial intelligence system with the intent to unlawfully discriminate against a protected class in violation of state or federal law.	Functional	Intersects With	AI & Autonomous Technologies Fairness & Bias	AAT-22	Mechanisms exist to prevent Artificial Intelligence (AI) and Autonomous Technologies (AAT) from unfairly identifying, profiling and/or statistically singling out a segmented population defined by race, religion, gender identity, national origin, disability or any other politically-charged identifier.	8		AAT-06
552.056(c)	N/A	For purposes of this section, a disparate impact is not sufficient by itself to demonstrate an intent to discriminate.	Functional	No Relationship	N/A	N/A	N/A	0		
552.056(d)	N/A	This section does not apply to an insurance entity for purposes of providing insurance services if the entity is subject to applicable statutes regulating unfair discrimination, unfair methods of competition, or unfair or deceptive acts or practices related to the business of insurance.	Functional	No Relationship	N/A	N/A	N/A	0		
552.056(e)	N/A	A federally insured financial institution is considered to be in compliance with this section if the institution complies with all federal and state banking laws and regulations.	Functional	No Relationship	N/A	N/A	N/A	0		
552.057(1)	Certain sexually explicit content and child pornography	A person may not develop or distribute an artificial intelligence system with the sole intent of producing, assisting or aiding in producing, or distributing: (A) visual material in violation of Section 43.26, Penal Code; or (B) deep fake videos or images in violation of Section 21.165, Penal Code; or	Functional	Intersects With	AI & Autonomous Technologies Output Filtering	AAT-17.1	Mechanisms exist to prevent Artificial Intelligence (AI) and Autonomous Technologies (AAT) from generating content that is: (1) Inappropriate; (2) Harmful; (3) False; (4) Illegal; and/or (5) Violent.	3		AAT-27
552.057(1)	Certain sexually explicit content and child pornography	A person may not develop or distribute an artificial intelligence system with the sole intent of producing, assisting or aiding in producing, or distributing: (A) visual material in violation of Section 43.26, Penal Code; or (B) deep fake videos or images in violation of Section 21.165, Penal Code; or	Functional	Intersects With	AI & Autonomous Technologies Harm Prevention	AAT-19	Mechanisms exist to proactively prevent harm by regularly identifying and tracking existing, unanticipated and emergent Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5		AAT-17
552.057(2)	N/A	A person may not intentionally develop or distribute an artificial intelligence system that engages in text-based conversations that simulate or describe sexual conduct, as that term is defined by Section 43.25, Penal Code, while impersonating or imitating a child younger than 18 years of age.	Functional	Intersects With	AI & Autonomous Technologies Output Filtering	AAT-17.1	Mechanisms exist to prevent Artificial Intelligence (AI) and Autonomous Technologies (AAT) from generating content that is: (1) Inappropriate; (2) Harmful; (3) False; (4) Illegal; and/or (5) Violent.	3		AAT-27
552.057(2)	N/A	A person may not intentionally develop or distribute an artificial intelligence system that engages in text-based conversations that simulate or describe sexual conduct, as that term is defined by Section 43.25, Penal Code, while impersonating or imitating a child younger than 18 years of age.	Functional	Intersects With	AI & Autonomous Technologies Harm Prevention	AAT-19	Mechanisms exist to proactively prevent harm by regularly identifying and tracking existing, unanticipated and emergent Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5		AAT-17
552.101	Enforcement authority	(a) The attorney general has exclusive authority to enforce this chapter, except to the extent provided by Section 552.106. (b) This chapter does not provide a basis for, and is not subject to, a private right of action for a violation of this chapter or any other law.	Functional	No Relationship	N/A	N/A	N/A	0		
552.102	Information and complaints	The attorney general shall create and maintain an online mechanism on the attorney general's Internet website through which a consumer may submit a complaint under this chapter to the attorney general.	Functional	No Relationship	N/A	N/A	N/A	0		
552.103(a)	Investigative authority	If the attorney general receives a complaint through the online mechanism under Section 552.102 alleging a violation of this chapter, the attorney general may issue a civil investigative demand to determine if a violation has occurred. The attorney general shall issue demands in accordance with and under the procedures established under Section 15.10.	Functional	No Relationship	N/A	N/A	N/A	0		
552.103(b)	N/A	The attorney general may request from the person reported through the online mechanism, pursuant to a civil investigative demand issued under Subsection (a):	Functional	No Relationship	N/A	N/A	N/A	0		
552.103(b)(1)	N/A	A high-level description of the purpose, intended use, deployment context, and associated benefits of the artificial intelligence system with which the person is affiliated;	Functional	Intersects With	Model & AI Agent Documentation	AAT-15	Mechanisms exist to create, maintain and provide access to documentation artifacts for AI models and agents, including: (1) Data lineage; (2) Intended use; and (3) Limitations.	5		AAT-03.2
552.103(b)(2)	N/A	A description of the type of data used to program or train the artificial intelligence system;	Functional	Intersects With	Data Source Identification	AAT-18.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5		AAT-12.1
552.103(b)(3)	N/A	A high-level description of the categories of data processed as inputs for the artificial intelligence system;	Functional	Intersects With	Model & AI Agent Documentation	AAT-15	Mechanisms exist to create, maintain and provide access to documentation artifacts for AI models and agents, including: (1) Data lineage; (2) Intended use; and (3) Limitations.	5		AAT-03.2
552.103(b)(4)	N/A	A high-level description of the outputs produced by the artificial intelligence system;	Functional	Intersects With	Model & AI Agent Documentation	AAT-15	Mechanisms exist to create, maintain and provide access to documentation artifacts for AI models and agents, including: (1) Data lineage; (2) Intended use; and (3) Limitations.	5		AAT-03.2
552.103(b)(5)	N/A	Any metrics the person uses to evaluate the performance of the artificial intelligence system;	Functional	Intersects With	Measuring AI & Autonomous Technologies Effectiveness	AAT-36.2	Mechanisms exist to regularly assess the effectiveness of existing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related security, compliance and resilience controls, including reports of errors and potential impacts on affected communities.	5		AAT-16.2
552.103(b)(6)	N/A	Any known limitations of the artificial intelligence system;	Functional	Intersects With	AI & Autonomous Technologies Knowledge Limits	AAT-23	Mechanisms exist to identify and document knowledge limits of Artificial Intelligence (AI) and Autonomous Technologies (AAT) to provide sufficient information to assist relevant stakeholder decision making.	5		AAT-14.2
552.103(b)(7)	N/A	A high-level description of the post-deployment monitoring and user safeguards the person uses for the artificial intelligence system, including, if the person is a deployer, the oversight, use, and learning process established by the person to address issues arising from the system's deployment; or	Functional	Intersects With	AI TEVV Post-Deployment Monitoring	AAT-31	Mechanisms exist to proactively and continuously monitor deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5		AAT-10.13
552.103(b)(8)	N/A	Any other relevant documentation reasonably necessary for the attorney general to conduct an investigation under this section.	Functional	No Relationship	N/A	N/A	N/A	0		
552.104	Notice of violation; opportunity to cure	(a) If the attorney general determines that a person has violated or is violating this chapter, the attorney general shall notify the person in writing of the determination, identifying the specific provisions of this chapter the attorney general alleges have been or are being violated. (b) The attorney general may not bring an action against the person: (1) before the 60th day after the date the attorney general provides the notice under Subsection (a); or (2) if, before the 60th day after the date the attorney general provides the notice under Subsection (a), the person: (A) cures the identified violation; and (B) provides the attorney general with a written statement that the person has: (i) cured the alleged violation; (ii) provided supporting documentation to show the manner in which the person cured the violation; and (iii) made any necessary changes to internal policies to reasonably prevent further violation of this chapter.	Functional	No Relationship	N/A	N/A	N/A	0		
552.105(a)-(d)	Civil penalty; injunction	A person who violates this chapter and does not cure the violation under Section 552.104 is liable to this state for a civil penalty (forable violations: \$10,000-\$12,000; uncurable violations: \$80,000-\$200,000; continued violations: \$2,000-\$40,000 per day). The attorney general may bring an action to collect the penalty, seek injunctive relief, and recover fees and costs. There is a rebuttable presumption that a person used reasonable care as required under this chapter. A defendant may seek an expedited hearing or declaratory judgment.	Functional	No Relationship	N/A	N/A	N/A	0		

FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship	Notes	Legacy SCF #
552.105(e)	N/A	A defendant in an action under this section may not be found liable if: (1) another person uses the artificial intelligence system affiliated with the defendant in a manner prohibited by this chapter; or (2) the defendant discovers a violation of this chapter through: (A) feedback from a developer, deployer, or other person who believes a violation has occurred; (B) testing, including adversarial testing or red-team testing; (C) following guidelines set by applicable state agencies; or (D) if the defendant substantially complies with the most recent version of the "Artificial Intelligence Risk Management Framework: Generative Artificial Intelligence Profile" published by the National Institute of Standards and Technology or another nationally or internationally recognized risk management framework for artificial intelligence systems, an internal review process.	Functional	Intersects With	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-02	Mechanisms exist to ensure policies, processes, procedures and practices related to the mapping, measuring and managing of Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks are in place, transparent and implemented effectively.	3		AAT-01
552.105(e)	N/A	A defendant in an action under this section may not be found liable if: (1) another person uses the artificial intelligence system affiliated with the defendant in a manner prohibited by this chapter; or (2) the defendant discovers a violation of this chapter through: (A) feedback from a developer, deployer, or other person who believes a violation has occurred; (B) testing, including adversarial testing or red-team testing; (C) following guidelines set by applicable state agencies; or (D) if the defendant substantially complies with the most recent version of the "Artificial Intelligence Risk Management Framework: Generative Artificial Intelligence Profile" published by the National Institute of Standards and Technology or another nationally or internationally recognized risk management framework for artificial intelligence systems, an internal review process.	Functional	Intersects With	AI & Autonomous Technologies Testing Techniques	AAT-27	Mechanisms exist to develop and implement fact-checking techniques to verify the accuracy and veracity of information generated by Artificial Intelligence (AI) and Autonomous Technologies (AAT).	3		AAT-26
552.105(e)	N/A	A defendant in an action under this section may not be found liable if: (1) another person uses the artificial intelligence system affiliated with the defendant in a manner prohibited by this chapter; or (2) the defendant discovers a violation of this chapter through: (A) feedback from a developer, deployer, or other person who believes a violation has occurred; (B) testing, including adversarial testing or red-team testing; (C) following guidelines set by applicable state agencies; or (D) if the defendant substantially complies with the most recent version of the "Artificial Intelligence Risk Management Framework: Generative Artificial Intelligence Profile" published by the National Institute of Standards and Technology or another nationally or internationally recognized risk management framework for artificial intelligence systems, an internal review process.	Functional	Intersects With	Secure Practices Alignment Justification	GOV-03.1	Mechanisms exist to align the organization's Security, Compliance & Resilience Program (SCRPP) with one or more industry-recognized frameworks that: (1) Support external scrutiny; and (2) Provide defensible justification for secure practices.	8		GOV-01.4
552.105(f)	N/A	The attorney general may not bring an action to collect a civil penalty under this section against a person for an artificial intelligence system that has not been deployed.	Functional	No Relationship	N/A	N/A	N/A	0		
552.106	Enforcement actions by state agencies	(a) A state agency may impose sanctions against a person licensed, registered, or certified by that agency for a violation of Subchapter B if: (1) the person has been found in violation of this chapter under Section 552.105; and (2) the attorney general has recommended additional enforcement by the applicable agency. (b) Sanctions under this section may include: (1) suspension, probation, or revocation of a license, registration, certificate, or other authorization to engage in an activity; and (2) a monetary penalty not to exceed \$100,000.	Functional	No Relationship	N/A	N/A	N/A	0		
553.001	Sandbox program - definitions	(see definitions section)	Functional	Intersects With	Standardized Terminology	GOV-03.2	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5		SEA-02.1
553.051	Establishment of sandbox program	The department, in consultation with the council, shall create a regulatory sandbox program that enables a person to obtain legal protection and limited access to the market in this state to test innovative artificial intelligence systems without obtaining a license, registration, or other regulatory authorization. The program is designed to promote safe and innovative AI use, encourage responsible deployment, provide clear testing guidelines, and allow pre-deployment research/testing. The attorney general and state agencies may not pursue charges or punitive action for violations of waived laws during the testing period, except that Subchapter B, Chapter 552 requirements may not be waived.	Functional	No Relationship	N/A	N/A	N/A	0		
553.052(a)	Application for program participation	A person must obtain approval from the department and any applicable agency before testing an artificial intelligence system under the program.	Functional	No Relationship	N/A	N/A	N/A	0		
553.052(b)	N/A	The department by rule shall prescribe the application form. The form must require the applicant to:	Functional	No Relationship	N/A	N/A	N/A	0		
553.052(b)(1)	N/A	Provide a detailed description of the artificial intelligence system the applicant desires to test in the program, and its intended use;	Functional	Intersects With	Model & AI Agent Documentation	AAT-15	Mechanisms exist to create, maintain and provide access to documentation artifacts for AI models and agents, including: (1) Data lineage; (2) Intended use; and (3) Limitations.	5		AAT-03.2
553.052(b)(2)	N/A	Include a benefit assessment that addresses potential impacts on consumers, privacy, and public safety;	Functional	Intersects With	AI & Autonomous Technologies Impact Assessment	AAT-09	Mechanisms exist to assess the impact(s) of proposed Artificial Intelligence (AI) and Autonomous Technologies (AAT) on individuals, groups, communities, organizations and society (e.g., Fundamental Rights Impact Assessment (FRIA)).	5		AAT-07.1
553.052(b)(2)	N/A	Include a benefit assessment that addresses potential impacts on consumers, privacy, and public safety;	Functional	Intersects With	AI & Autonomous Technologies Potential Benefits Analysis	AAT-14.1	Mechanisms exist to assess the potential benefits of proposed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5		AAT-04.1
553.052(b)(3)	N/A	Describe the applicant's plan for mitigating any adverse consequences that may occur during the test; and	Functional	Intersects With	AI & Autonomous Technologies Risk Response	AAT-13	Mechanisms exist to prioritize, respond to and remediate Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks based on assessments and other analytical output.	5		AAT-18.1
553.052(b)(4)	N/A	Provide proof of compliance with any applicable federal artificial intelligence laws and regulations.	Functional	Intersects With	AI & Autonomous Technologies-Related Legal Requirements Identification	AAT-04.1	Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5		AAT-01.1
553.052(b)(4)	N/A	Provide proof of compliance with any applicable federal artificial intelligence laws and regulations.	Functional	Intersects With	Statutory, Regulatory & Contractual Compliance	CPL-02	Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls.	5		CPL-01
553.052(b)(4)	N/A	Provide proof of compliance with any applicable federal artificial intelligence laws and regulations.	Functional	Intersects With	Ability To Demonstrate Conformity	CPL-04	Mechanisms exist to ensure the organization is able to demonstrate security, compliance and/or resilience capability conformity with applicable cybersecurity and data protection laws, regulations and/or contractual obligations.	5		CPL-01.3
553.053	Duration and scope of participation	(a) A program participant approved by the department and each applicable agency may test and deploy an artificial intelligence system under the program for a period of not more than 36 months. (b) The department may extend a test under this chapter if the department finds good cause for the test to continue.	Functional	No Relationship	N/A	N/A	N/A	0		
553.054	Efficient use of resources	The department shall coordinate the activities under this subchapter and any other law relating to artificial intelligence systems to ensure efficient system implementation and to streamline the use of department resources, including information sharing and personnel.	Functional	No Relationship	N/A	N/A	N/A	0		
553.101	Coordination with applicable agency	(a) The department shall coordinate with all applicable agencies to oversee the operation of a program participant. (b) The council or an applicable agency may recommend to the department that a program participant be removed from the program if the council or applicable agency finds that the program participant's artificial intelligence system: (1) poses an undue risk to public safety or welfare; (2) violates any federal law or regulation; or (3) violates any state law or regulation not waived under the program.	Functional	No Relationship	N/A	N/A	N/A	0		
553.102(a)	Periodic report by program participant	A program participant shall provide a quarterly report to the department.	Functional	Subset Of	Status Reporting To Governing Body	GOV-09.1	Mechanisms exist to provide governance oversight reporting and recommendations enabling executives to make decisions about matters considered material to the organization's Security, Compliance & Resilience Program (SCRPP).	10		GOV-01.2
553.102(b)(1)	N/A	The report shall include metrics for the artificial intelligence system's performance;	Functional	Intersects With	Measuring AI & Autonomous Technologies Effectiveness	AAT-36.2	Mechanisms exist to regularly assess the effectiveness of existing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related security, compliance and resilience controls, including reports of errors and potential impacts on affected communities.	5		AAT-16.2

NIST IR 8477-Based Set Theory Relationship Mapping (STRM) Reference Document: Secure Controls Framework (SCF) version 2026.3 STRM Guidance: https://securecontrolsframework.com/start-here/set-theory-relationship-mapping-strm/			Focal Document: USA - Texas Responsible Artificial Intelligence Governance Act (TRAIGA) - H.B. 149 Focal Document URL: https://capitol.texas.gov/BillLookup/History.aspx?LegSess=89R&Bill=HB149 Published STRM URL: https://content.securecontrolsframework.com/strm/scf-strm-usa-state-tx-traiga-2025.pdf							
FDE #	FDE Name	Focal Document Element (FDE) Description	STRM Rationale	STRM Relationship	SCF Control	SCF #	Secure Controls Framework (SCF) Control Description	Strength of Relationship	Notes	Legacy SCF #
553.102(b)(2)	N/A	The report shall include updates on how the artificial intelligence system mitigates any risks associated with its operation; and	Functional	Intersects With	AI & Autonomous Technologies Risk Response	AAT-13	Mechanisms exist to prioritize, respond to and remediate Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks based on assessments and other analytical output.	5		AAT-18.1
553.102(b)(3)	N/A	The report shall include feedback from consumers and affected stakeholders that are using an artificial intelligence system tested under this chapter.	Functional	Intersects With	AI & Autonomous Technologies End User Feedback	AAT-33.3	Mechanisms exist to collect and integrate feedback from end users and impacted communities into Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related system evaluation metrics.	5		AAT-11.3
553.102(c)	N/A	The department shall maintain confidentiality regarding the intellectual property, trade secrets, and other sensitive information it obtains through the program.	Functional	No Relationship	N/A	N/A	N/A	0		
553.103	Annual report by department	(a) The department shall submit an annual report to the legislature. (b) The report shall include: (1) the number of program participants testing an artificial intelligence system in the program; (2) the overall performance and impact of artificial intelligence systems tested in the program; and (3) recommendations on changes to laws or regulations for future legislative consideration.	Functional	No Relationship	N/A	N/A	N/A	0		
554.001	Creation of council	The Texas Artificial Intelligence Council is created to ensure AI systems are ethical and developed in the public's best interest, do not harm public safety or undermine individual freedoms, identify laws that impede innovation, analyze opportunities to improve state government efficiency, make recommendations, evaluate regulatory capture and technology company influence, offer guidance to the legislature, conduct studies, and receive reports on the regulatory sandbox program. The council is administratively attached to the Department of Information Resources.	Functional	No Relationship	N/A	N/A	N/A	0		
554.002	Council membership	The council is composed of seven public members (three appointed by the governor, two by the lieutenant governor, two by the speaker of the house), serving staggered four-year terms. The governor appoints a chair; the council elects a vice chair and may establish an advisory board.	Functional	No Relationship	N/A	N/A	N/A	0		
554.003	Qualifications	Members of the council must be Texas residents and have knowledge or expertise in artificial intelligence systems, data privacy and security, ethics in technology or law, public policy and regulation, AI risk management, government operations efficiency, or anticompetitive practices and market failures.	Functional	No Relationship	N/A	N/A	N/A	0		
554.004	Staff and administration	The council may hire an executive director and other personnel as necessary to perform its duties.	Functional	No Relationship	N/A	N/A	N/A	0		
554.101	Issuance of reports	The council may issue reports to the legislature regarding the use of artificial intelligence systems in this state, including compliance, ethical implications, data privacy and security concerns, and potential liability or legal risks.	Functional	No Relationship	N/A	N/A	N/A	0		
554.102	Training and educational outreach	The council shall conduct training programs for state agencies and local governments on the use of artificial intelligence systems.	Functional	No Relationship	N/A	N/A	N/A	0		
554.103	Limitation of authority	The council may not: (1) adopt rules or promulgate guidance that is binding for any entity; (2) interfere with or override the operation of a state agency; or (3) perform a duty or exercise a power not granted by this chapter.	Functional	No Relationship	N/A	N/A	N/A	0		
Sec. 5 / 325.011	Sunset review criteria	Amends the Texas Sunset Act review criteria to add: (14) an assessment of the agency's cybersecurity practices using confidential information available from the Department of Information Resources or any other appropriate state agency; and (15) an assessment of the agency's use of artificial intelligence systems in its operations and its oversight of the use of artificial intelligence systems by persons under the agency's jurisdiction, and any related impact on the agency's ability to achieve its mission, goals, and objectives.	Functional	No Relationship	N/A	N/A	N/A	0		
Sec. 6 / 2054.068(b)	State agency IT infrastructure reporting	The department shall collect from each state agency information on the status and condition of the agency's information technology infrastructure, including information regarding: (1) the agency's information security program; (2) an inventory of the agency's servers, mainframes, cloud services, and other information technology equipment; (3) identification of vendors that operate and manage the agency's information technology infrastructure; (4) any additional related information requested by the department; and (5) an evaluation of the use or considered use of artificial intelligence systems, as defined by Section 551.001, Business & Commerce Code, by each state agency.	Functional	No Relationship	N/A	N/A	N/A	0		
Sec. 7 / 2054.0965(b)	Information resources deployment review	Except as otherwise modified by rules adopted by the department, the review must include: ... (2) an inventory of the agency's major databases, artificial intelligence systems, as defined by Section 551.001, Business & Commerce Code, and applications; ...	Functional	No Relationship	N/A	N/A	N/A	0		
Sec. 8	Attorney general website deadline	Not later than September 1, 2026, the attorney general shall post on the attorney general's Internet website the information and online mechanism required by Section 552.102, Business & Commerce Code, as added by this Act.	Functional	No Relationship	N/A	N/A	N/A	0		
Sec. 9	Contingent implementation	Notwithstanding any other section of this Act, in a state fiscal year, a state agency to which this Act applies is not required to implement a provision found in another section of this Act that is drafted as a mandatory provision imposing a duty on the agency to take an action unless money is specifically appropriated to the agency for that fiscal year to carry out that duty.	Functional	No Relationship	N/A	N/A	N/A	0		
Sec. 10	Effective date	This Act takes effect January 1, 2026.	Functional	No Relationship	N/A	N/A	N/A	0		