Set Theory Relationship Mapping (STRM)



Reference Document : Secure Controls Framework (SCF) version 2024.1

Focal Document: ISO 42001:2023

STRM URL: https://content.securecontrolsframework.com/strm/scf-2024-1-iso-42001-2023.pdf

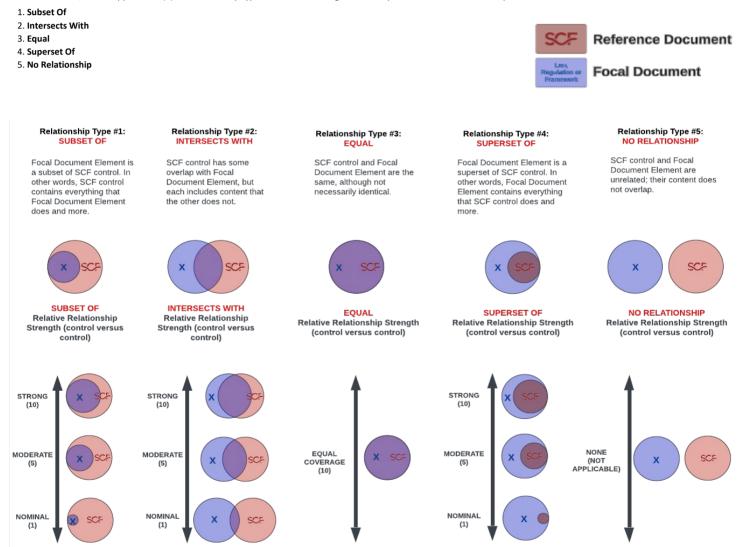
Set Theory Relationship Mapping (STRM) is well-suited for mapping between sets of elements that exist in two distinct concepts that are mostly the same as each other (e.g., cybersecurity & data privacy requirements). STRM also allows the strength of the mapping to be captured.

STRM relies on a justification for the relationship claim. There are three (3) options for the rationale, which is a high-level context within which the two concepts are related:

- 1. Syntactic: How similar is the wording that expresses the two concepts? This is a word-for-word analysis of the relationship, not an interpretation of the language.
- 2. Semantic: How similar are the meanings of the two concepts? This involves some interpretation of each concept's language.

3. Functional: How similar are the results of executing the two concepts? This involves understanding what will happen if the two concepts are implemented, performed, or otherwise executed.

Based on NIST IR 8477, STRM supports five (5) five relationship types to describe the logical similarity between two distinct concepts:



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)
1.0	Scope	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
2.0	Normative references	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
3.0	Terms and definitions	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Buy a copy of ISO 42001 for control content:	Functional	intersects with	Standardized Terminology	SEA-02.1	Mechanisms exist to standardize technology and process terminology to reduce confusion amongst groups and departments.	5	
4.0	Context of the organization	https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map 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	Section 4.1 includes "climate action changes" that a reasonable person would conclude has nothing to do with cybersecurity and is merely an inclusion for Environmental. Social & Gorwannae (ESG) compliance to push a political agenda. If climate change is a material concern for the organization, then Artifical Intelligence (AI) initiatives should be avoided entirely, due the high electricity consumption requirements.
			Functional	intersects with	Strategic Plan & Objectives	PRM-01.1	Mechanisms exist to establish a strategic cybersecurity & data privacy-specific business plan and set of objectives to achieve that plan.	5	
			Functional	intersects with	Cybersecurity & Data Privacy Requirements Definition	PRM-05	Mechanisms exist to identify critical system components and functions by performing a criticality analysis for critical systems, system components or services at pre-defined decision points in the Secure Development Life Cycle (SDLC).	5	
			Functional	intersects with	Business Process Definition	PRM-06	Mechanisms exist to define business processes with consideration for cybersecurity & data privacy that determines: • The resulting risk to organizational operations, assets, individuals and other organizations; and • Information protection needs arising from the defined business processes and revises the processes as necessary, until an achievable set of protection needs is obtained.	5	
4.1	Understanding the organization and its context	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-01	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.	10	
			Functional	intersects with	Al & Autonomous Technologies Context Definition	AAT-03	Mechanisms exist to establish and document the context surrounding Artificial Intelligence (A) and Autonomous Technologies (AAT), including: Intended purposes; * Otentially beneficial uses; Context-specific laws and regulations; * Norms and expectations; and * Prospective settings in which the system(s) will be deployed.	5	
			Functional	intersects with	AI & Autonomous Technologies Requirements	AAT-14	Mechanisms exist to take socio-technical implications into account to address risks associated with Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Definitions AI & Autonomous Technologies Value Sustainment	AAT-01.3	Mechanisms exist to sustain the value of deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Al & Autonomous Technologies Mission and	AAT-03.1	Mechanisms exist to define and document the organization's mission and defined goals for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			The second		Goals Definition Al & Autonomous		Mechanisms exist to identify, understand, document and manage applicable statutory		
			Functional	intersects with	Technologies-Related Legal Requirements Definition Al & Autonomous	AAT-01.1	and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT). Mechanisms exist to assess and document the environmental impacts and sustainability	5	
			Functional	intersects with	Technologies Environmental Impact & Sustainability	AAT-17.2	of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Al & Autonomous Technologies-Related Legal Requirements Definition Al & Autonomous	AAT-01.1	Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Technologies Mission and Goals Definition	AAT-03.1	Mechanisms exist to define and document the organization's mission and defined goals for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-01	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.	10	
4.2	Understanding the needs and expectations of interested parties	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Business Process Definition	PRM-06	Mechanisms exist to define business processes with consideration for cybersecurity & data privacy that determines: • The resulting risk to organizational operations, assets, individuals and other organizations; and • Information protection needs arising from the defined business processes and revises the processes as necessary, until an achievable set of protection needs is obtained.	5	
			Functional	intersects with	Strategic Plan & Objectives	PRM-01.1	Mechanisms exist to establish a strategic cybersecurity & data privacy-specific business plan and set of objectives to achieve that plan.	5	
			Functional	intersects with	Cybersecurity & Data Privacy Requirements Definition	PRM-05	Mechanisms exist to identify critical system components and functions by performing a criticality analysis for critical systems, system components or services at pre-defined decision points in the Secure Development Life Cycle (SDLC).	5	
			Functional	intersects with	Attack Surface Scope	VPM-01.1	Mechanisms exist to define and manage the scope for its attack surface management activities.	5	
			Functional	intersects with	Asset Scope Classification	AST-04.1	Mechanisms exist to determine cybersecurity & data privacy control applicability by identifying, assigning and documenting the appropriate asset scope categorization for all systems, applications, services and personnel (internal and third-parties).	5	
4.3		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Third-Party Scope Review	TPM-05.5	Mechanisms exist to perform recurring validation of the Responsible, Accountable, Supportive, Consulted & Informed (RASCI) matrix, or similar documentation, to ensure cybersecurity & data privacy control assignments accurately reflect current business practices, compliance obligations, technologies and stakeholders.	5	
			Functional	intersects with	Al & Autonomous Technologies Targeted Application Scope	AAT-04.3	Mechanisms exist to specify and document the targeted application scope of the proposed use and operation of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Compliance Scope	CPL-01.2	Mechanisms exist to document and validate the scope of cybersecurity & data privacy controls that are determined to meet statutory, regulatory and/or contractual	5	
4.4	Al management system	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-01	compliance obligations. 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.	10	
5.0	Leadership	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional Functional	no relationship no relationship	N/A N/A	N/A N/A	rectinologies (AAT)-related risks are in place, transparent and imperimented effectively. N/A N/A	N/A N/A	No requirements to map to. No requirements to map to.
		100000 10000 10000 100000 100000000000	Functional	intersects with	N/A Robust Stakeholder Engagement for AI &	AAT-11	M/A Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about	5 N/A	no requirements to map (0.
			Functional	intersects with	Autonomous Technologies Allocation of Resources	PRM-03	positive, negative and unanticipated impacts. Mechanisms exist to identify and allocate resources for management, operational, technical and data privacy requirements within business process planning for projects / initiatives.	5	
			Functional	intersects with	Status Reporting To Governing Body	GOV-01.2	Initiatives. Mechanisms exist to provide governance oversight reporting and recommendations to those entrusted to make executive decisions about matters considered material to the organization's cybersecurity & data protection program.	5	
			Functional	intersects with	Define Control Objectives	GOV-09	Mechanisms exist to establish control objectives as the basis for the selection, implementation and management of the organization's internal control system.	5	
			Functional	intersects with	AI & Autonomous Technologies Requirements	AAT-14	Mechanisms exist to take socio-technical implications into account to address risks associated with Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Definitions AI & Autonomous Technologies Ongoing	AAT-11.2	Mechanisms exist to conduct regular assessments of Artificial Intelligence (AI) and Autonomous Technologies (AAT) with independent assessors and stakeholders not	5	
			Functional	intersects with	Assessments AI & Autonomous Technologies Viability	AAT-15	involved in the development of the AAT. Mechanisms exist to define the criteria as to whether Artificial Intelligence (AI) and Autonomous Technologies (AAT) achieved intended purposes and stated objectives to	5	
					Decisions Al & Autonomous		determine whether its development or deployment should proceed. Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related operator and practitioner proficiency requirements for Artificial		
			Functional	intersects with	Technologies Stakeholder Competencies	AAT-13.1	Intelligence (AI) and Autonomous Technologies (AAT) are defined, assessed and documented.	5	

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)
5.1	Leadership and commitment	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Measures of Performance	GOV-05	Mechanisms exist to develop, report and monitor cybersecurity & data privacy program measures of performance.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	Risk Management Resourcing	RSK-01.2	Mechanisms exist to reduce the magnitude or likelihood of potential impacts by resourcing the capability required to manage technology-related risks. Mechanisms exist to address all capital planning and investment requests, including the	5	
			Functional	intersects with	Cybersecurity & Data Privacy Resource Management	PRM-02	resources needed to implement the cybersecurity & data privacy programs and document all exceptions to this requirement.	5	
			Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-01	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.	10	
			Functional	intersects with	Authoritative Chain of Command	GOV-04.2	Mechanisms exist to establish an authoritative chain of command with clear lines of communication to remove ambiguity from individuals and teams related to managing data and technology-related risks.	5	
			Functional	intersects with	AI & Autonomous Technologies Internal Controls	AAT-02.2	Mechanisms exist to identify and document internal cybersecurity & data privacy controls for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Operationalizing Cybersecurity & Data	GOV-15	Mechanisms exist to compel data and/or process owners to operationalize cybersecurity & data privacy practices for each system, application and/or service	5	
			Functional	intersects with	Protection Practices Publishing Cybersecurity & Data Protection	GOV-02	under their control. Mechanisms exist to establish, maintain and disseminate cybersecurity & data	5	
			Functional	intersects with	Documentation Stakeholder Accountability	GOV-04.1	protection policies, standards and procedures. Mechanisms exist to enforce an accountability structure so that appropriate teams and individuals are empowered, responsible and trained for mapping, measuring and	5	
			Functional	intersects with	Structure Business As Usual (BAU)	GOV-14	managing data and technology-related risks. Mechanisms exist to incorporate cybersecurity & data privacy principles into Business	5	
			Functional	intersects with	Secure Practices AI & Autonomous	AAT-04	As Usual (BAU) practices through executive leadership involvement. Mechanisms exist to benchmark capabilities, targeted usage, goals and expected	5	
		n	Functional	intersects with	Technologies Business Case Publishing Cybersecurity &	AA1-04	benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	2	
5.2	Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
5.2(a)	Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
5.2(b)	Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
5.2(c)	Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
			Functional	intersects with	Publishing Cybersecurity & Data Protection	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
5.2(d)	Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Documentation Updating AI & Autonomous Technologies	AAT-10.14	Mechanisms exist to integrate continual improvements for deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
		nup.//www.iso.org/standard/org/solition	Functional	intersects with	AI & Autonomous Technologies Continuous	AAT-07.3	Mechanisms exist to continuously improve Artificial Intelligence (AI) and Autonomous Technologies (AAT) capabilities to maximize benefits and minimize negative impacts	5	
			Functional	intersects with	Improvements Assigned Responsibilities for Al & Autonomous	AAT-08	associated with AAT. Mechanisms exist to define and differentiate roles and responsibilities for human-Al	5	
			Functional	intersects with	Technologies Roles & Responsibilities	HRS-03	configurations and oversight of AI systems. Mechanisms exist to define cybersecurity responsibilities for all personnel.	5	
	Roles, responsibilities and	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Assigned Cybersecurity & Data Protection Responsibilities	GOV-04	Mechanisms exist to assign one or more qualified individuals with the mission and resources to centrally-manage, coordinate, develop, implement and maintain an enterprise-wide cybersecurity & data protection program.	5	
5.3	authorities	https://www.iso.org/standard/81230.html	Functional	intersects with	Responsibility To Supersede, Deactivate and/or Disengage Al & Autonomous Technologies	AAT-15.2	Mechanisms exist to define the criteria and responsible party(ies) for superseding, disengaging or deactivating Artificial Intelligence (AI) and Autonomous Technologies (AAT) that demonstrate performance or outcomes inconsistent with intended use.	5	
			Functional	intersects with	Responsible, Accountable, Supportive, Consulted & Informed (RASCI) Matrix	TPM-05.4	Mechanisms exist to document and maintain a Responsible, Accountable, Supportive, Consulted & Informed (RASCI) matrix, or similar documentation, to delineate assignment for cybersecurity & data privacy controls between internal stakeholders and External Service Providers (ESPs).	5	
5.2(1)	Roles, responsibilities and	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Assigned Cybersecurity & Data Protection Responsibilities	GOV-04	Mechanisms exist to assign one or more qualified individuals with the mission and resources to centrally-manage, coordinate, develop, implement and maintain an enterprise-wide cybersecurity. & data protection program.	5	
5.3(a)	authorities	https://www.iso.org/standard/81230.html	Functional	intersects with	Assigned Responsibilities for Al & Autonomous Technologies	AAT-08	Mechanisms exist to define and differentiate roles and responsibilities for human-Al configurations and oversight of Al systems.	5	
	Roles, responsibilities and	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Assigned Cybersecurity & Data Protection Responsibilities	GOV-04	Mechanisms exist to assign one or more qualified individuals with the mission and resources to centrally-manage, coordinate, develop, implement and maintain an enternrise-wide ryberseruit's & data ancietrion program.	5	
5.3(b)	authorities	https://www.iso.org/standard/81230.html	Functional	intersects with	Assigned Responsibilities for AI & Autonomous	AAT-08	Mechanisms exist to define and differentiate roles and responsibilities for human-Al configurations and oversight of Al systems.	5	
6.0	Planning	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	Technologies N/A	N/A	N/A	N/A	No requirements to map to.
6.1	Actions to address risks and opportunities	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
			Functional	intersects with	Updating AI & Autonomous Technologies	AAT-10.14	Mechanisms exist to integrate continual improvements for deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	AI & Autonomous Technologies Risk Mapping	AAT-02.1	Mechanisms exist to identify Artificial Intelligence (AI) and Autonomous Technologies (AAT) in use and map those components to potential legal risks, including statutory and regulatory compliance requirements.	5	
6.1.1	General	Buy a copy of ISO 42001 for control content:	Functional	subset of	Risk Management Program	RSK-01	Rechardory comparate requirements. Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
0.1.1	General	https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Risk Profiling	AAT-09	Mechanisms exist to document the risks and potential impacts of Artificial Intelligence (AI) and Autonomous Technologies (AAT) designed, developed, deployed, evaluated and used.	5	
			Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical	10	
			Functional	intersects with	Al & Autonomous Technologies Risk Profiling	AAT-09	risk management controls. Mechanisms exist to document the risks and potential impacts of Artificial Intelligence (A) and Autonomous Technologies (AAT) designed, developed, deployed, evaluated and	5	
					AI & Autonomous		used. Mechanisms exist to leverage decision makers from a diversity of demographics,	5	
6.1.2	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Technologies Risk Management Decisions Al & Autonomous	AAT-07	disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks. Mechanisms exist to define the potential likelihood and impact of each identified risk	5	
			Functional	intersects with	Technologies Likelihood & Impact Risk Analysis	AAT-07.2	based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	Risk Register	RSK-04.1	Mechanisms exist to maintain a risk register that facilitates monitoring and reporting of risks. Mechanisms exist to facilitate the implementation of strategic operational and tartical	5	
			Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
		1	Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
		Buy a conv of ISO 42001 for control content:							
6.1.2(a)	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
6.1.2(a)	Al risk assessment		Functional	intersects with		AAT-07.2 RSK-04	based on expected use and past uses of Artificial Intelligence (AI) and Autonomous	5	

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)
		Russen and ISO 42001 for eached and an	Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
6.1.2(b)	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	Unmeasurable AI & Autonomous Technologies Risks	AAT-16.3	Mechanisms exist to identify and document unmeasurable risks or trustworthiness characteristics.	5	
			Functional	intersects with	Previously Unknown AI & Autonomous Technologies Threats & Risks	AAT-17.3	Mechanisms exist to respond to and recover from a previously unknown Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risk when it is identified.	5	
			Functional Functional	intersects with subset of	Risk Identification	RSK-03 RSK-01	Mechanisms exist to identify and document risks, both internal and external. Mechanisms exist to facilitate the implementation of strategic, operational and tactical	5 10	
			Functional	intersects with	Material Risks	GOV-16.1	risk management controls. Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
6.1.2(c)	Al risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	AI & Autonomous Technologies Negative Residual Risks	AAT-15.1	Mechanisms exist to identify and document negative, residual risks (defined as the sum of all unmitigated risks) to both downstream acquirers and end users of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Risk Assessment	RSK-04	Interinging that and neuronitous recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: • Assumptions affecting risk assessments, risk response and risk monitoring; • Onstraints affecting risk assessments, risk response and risk monitoring; • The organizational risk tolerance; and • Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
6.1.2(d)	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
			Functional	intersects with	Al & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption,	5	
			Functional	intersects with	Al & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	modification or destruction of the organization's systems and data. Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
6.1.2(d)(1)	Al risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: * Assumptions affecting risk assessments, risk response and risk monitoring; * Onstraints affecting risk assessments, risk response and risk monitoring; * The organizational risk tolerance; and * Priorities, beents and trade-offs considered by the organization for managing risk.	5	
			Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
			Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: Assumptions affecting risk assessments, risk response and risk monitoring; * Constraints affecting risk assessments, risk response and risk monitoring; The organizational risk tolerance; end * Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
6.1.2(d)(2)	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Al & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Technologies (JAI) in similar contexts. Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: • Assumptions affecting risk assessments, risk response and risk monitoring; • Constraints affecting risk assessments, risk response and risk monitoring; • The organizational risk tolerance; end • Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
6.1.2(d)(3)	Al risk assessment	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
			Functional	intersects with	Al & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
6.1.2(e)	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	AI & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	

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)
			Functional	intersects with	Risk Framing	R5K-01.1	Mechanisms exist to identify: • Assumptions affecting risk assessments, risk response and risk monitoring; • Constraints affecting risk assessments, risk response and risk monitoring; • The organizational risk tolerance; end • Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
			Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: - Assumption affecting risk assessments, risk response and risk monitoring: - Constraints affecting risk assessments, risk response and risk monitoring; - The organizational risk blearners; - Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
6.1.2(e)(1)	AI risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	AI & Autonomous Technologies Likelihood & Impact Risk Analysis	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous Technologies (AAT) in similar contexts.	5	
			Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	AI & Autonomous Technologies Likelihood &	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous	5	
			Functional	intersects with	Impact Risk Analysis Risk Ranking	RSK-05	Technologies (AAT) in similar contexts. Mechanisms exist to identify and assign a risk ranking to newly discovered security	5	
			Functional	intersects with	Impact-Level Prioritization	RSK-02.1	vulnerabilities that is based on industry-recognized practices. Mechanisms exist to prioritize the impact level for systems, applications and/or services to prevent potential disruptions.	5	
6.1.2(e)(2)	Al risk assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Risk Framing	RSK-01.1	Services to prevent potentiar use opcore. Mechanisms exist to identify: • Assumptions affecting risk assessments, risk response and risk monitoring; • Constraints affecting risk assessments, risk response and risk monitoring; The organizational risk tolerance; and • Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
			Functional	intersects with	Material Risks	GOV-16.1	Mechanisms exist to define criteria necessary to designate a risk as a material risk.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
6.1.3	Al risk treatment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Risk Response Risk Remediation	RSK-06.1 RSK-06	Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed. Mechanisms exist to remediate risks to an acceptable level.	5	
			Functional	intersects with	Risk Response	RSK-06.1	Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed.	5	
6.1.3(a)	Al risk treatment	Buy a copy of ISO 42001 for control content:	Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
0.1.5(8)	Arrisk treatment	https://www.iso.org/standard/81230.html	Functional	intersects with	Risk Remediation AI & Autonomous	RSK-06	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to leverage decision makers from a diversity of demographics,	5	
			Functional	intersects with intersects with	Technologies Risk Management Decisions Risk Remediation	AAT-07 RSK-06	disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks. Mechanisms exist to remediate risks to an acceptable level.	5	
		Buy a copy of ISO 42001 for control content:	Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
6.1.3(b)	Al risk treatment	https://www.iso.org/standard/81230.html	Functional	intersects with	Risk Response	RSK-06.1	Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed. Mechanisms exist to facilitate the implementation of strategic, operational and tactical	5	
			Functional	subset of	Risk Management Program Compensating	RSK-01	risk management controls. Mechanisms exist to identify and implement compensating countermeasures to reduce	10	
			Functional	intersects with	Countermeasures	RSK-06.2	risk and exposure to threats. Mechanisms exist to facilitate the implementation of strategic, operational and tactical	5	
			Functional	subset of intersects with	Risk Management Program Risk Remediation	RSK-01 RSK-06	risk management controls. Mechanisms exist to remediate risks to an acceptable level.	10	
6.1.3(c)	Al risk treatment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Risk Response	RSK-06.1	Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed.	5	
			Functional	intersects with	Compensating Countermeasures	RSK-06.2	Mechanisms exist to identify and implement compensating countermeasures to reduce risk and exposure to threats.	5	
			Functional	intersects with	Compensating Countermeasures AI & Autonomous Technologies Risk	RSK-06.2 AAT-07	Mechanisms exist to identify and implement compensating countermeasures to reduce risk and exposure to threats. Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, experience and backgrounds for mapping, measuring and	5	
6.1.3(d)	Al risk treatment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Management Decisions Risk Management Program	RSK-01	managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks. Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
			Functional	intersects with	Risk Response	RSK-06.1	risk management controis. Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed.	5	
			Functional	intersects with	Risk Remediation	RSK-06	Mechanisms exist to remediate risks to an acceptable level.	5	
		Buy a copy of ISO 42001 for control content:	Functional	intersects with	Risk Remediation AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
6.1.3(e)	AI risk treatment	https://www.iso.org/standard/81230.html	Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
			Functional	intersects with	Risk Response	RSK-06.1	Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed.	5	
			Functional Functional	intersects with	Risk Remediation AI & Autonomous Technologies Risk Management Decisions	RSK-06 AAT-07	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
6.1.3(f)	Al risk treatment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Risk Response	RSK-06.1	Mechanisms exist to respond to findings from cybersecurity & data privacy assessments, incidents and audits to ensure proper remediation has been performed.	5	
			Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
			Functional	subset of	Risk Management Program Risk Remediation	RSK-01 RSK-06	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls. Mechanisms exist to remediate risks to an accentable level	10	
6 1 2/-1	Al risk treatment	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Risk Response	RSK-06.1	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to respond to findings from cybersecurity & data privacy	5	
6.1.3(g)	ALLISK LEGATMENT	https://www.iso.org/standard/81230.html					assessments, incidents and audits to ensure proper remediation has been performed.		

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)
			Functional	intersects with	AI & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: * Assumptions affecting risk assessments, risk response and risk monitoring; * Onstraints affecting risk assessments, risk response and risk monitoring; * The organizational risk tolerance; and * Priorities, benefits and trade-offs considered by the organization for managing risk.	5	
6.1.4	Al system impact assessment	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Risk Management Decisions	AAT-07	Mechanisms exist to leverage decision makers from a diversity of demographics, disciplines, experience, expertise and backgrounds for mapping, measuring and managing Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks.	5	
			Functional	intersects with	AI & Autonomous Technologies Risk Profiling	AAT-09	Mechanisms exist to document the risks and potential impacts of Artificial Intelligence (AI) and Autonomous Technologies (AAT) designed, developed, deployed, evaluated and used.	5	
			Functional	intersects with	Business Impact Analysis (BIA)	RSK-08	Mechanisms exist to conduct a Business Impact Analysis (BIA) to identify and assess cybersecurity and data protection risks. Mechanisms exist to conduct a Data Protection Impact Assessment (DPIA) on systems,	5	
			Functional	intersects with	Data Protection Impact Assessment (DPIA) AI & Autonomous	RSK-10	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected	5	
			Functional	intersects with	Technologies Business Case	AAT-04	benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.2	Al objectives and planning to achieve them	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Defining Business Context & Mission	GOV-08	Mechanisms exist to define the context of its business model and document the mission of the organization.	5	
	achieve them	nttps://www.iso.org/standard/81250.ntmi	Functional	intersects with	Define Control Objectives	GOV-09	Mechanisms exist to establish control objectives as the basis for the selection, implementation and management of the organization's internal control system.	5	
			Functional	intersects with	Purpose Validation	GOV-11	Mechanisms exist to monitor mission/business-critical services or functions to ensure those resources are being used consistent with their intended purpose.	5	
6.2(a)	Al objectives and planning to achieve them	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.2(b)	Al objectives and planning to achieve them	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.2(c)	Al objectives and planning to achieve them	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.2(d)	Al objectives and planning to achieve them	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.2(e)	Al objectives and planning to achieve them	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.2(f)	Al objectives and planning to	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Al & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected	5	
	Al objectives and planning to	https://www.iso.org/standard/81230.html Buy a copy of ISO 42001 for control content:			Al & Autonomous		benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT). Mechanisms exist to benchmark capabilities, targeted usage, goals and expected		
6.2(g)	achieve them	https://www.iso.org/standard/81230.html	Functional	intersects with	Technologies Business Case	AAT-04	benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
6.3	Planning of changes	Buy a copy of ISO 42001 for control content:	Functional	intersects with subset of	Configuration Change Control Change Management	CHG-02 CHG-01	Mechanisms exist to govern the technical configuration change control processes. Mechanisms exist to facilitate the implementation of a change management program.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	Program Prohibition Of Changes	CHG-02.1	Mechanisms exist to prohibit unauthorized changes, unless organization-approved change requests are received.	5	
7.0	Support	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
			Functional	intersects with	Updating AI & Autonomous Technologies	AAT-10.14	Mechanisms exist to integrate continual improvements for deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	subset of	Cybersecurity & Data Privacy Portfolio Management	PRM-01	Mechanisms exist to facilitate the implementation of cybersecurity & data privacy- related resource planning controls that define a viable plan for achieving cybersecurity & data privacy objectives.	10	
7.1	Resources	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Allocation of Resources	PRM-03	Mechanisms exist to identify and allocate resources for management, operational, technical and data privacy requirements within business process planning for projects / initiatives.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	Trustworthy AI & Autonomous Technologies	AAT-01.2	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) are designed to be reliable, safe, fair, secure, resilient, transparent, explainable and data privacy-enhanced to minimize emergent properties or unintended consequences.	5	
			Functional	intersects with	Cybersecurity & Data Privacy Resource Management	PRM-02	Mechanisms exist to address all capital planning and investment requests, including the resources needed to implement the cybersecurity & data privacy programs and document all exceptions to this requirement.	5	
			Functional	intersects with	AI & Autonomous Technologies Training	AAT-05	Mechanisms exist to ensure personnel and external stakeholders are provided with position-specific risk management training for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	subset of	Human Resources Security Management	HRS-01	Mechanisms exist to facilitate the implementation of personnel security controls.	10	
			Functional	intersects with	Personnel Screening	HRS-04	Mechanisms exist to manage personnel security risk by screening individuals prior to authorizing access.	5	
			Functional	intersects with	Competency Requirements for Security-Related Positions	HRS-03.2	Mechanisms exist to ensure that all security-related positions are staffed by qualified individuals who have the necessary skill set.	5	
7.2	Competence	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Stakeholder Competencies	AAT-13.1	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related operator and practitioner proficiency requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT) are defined, assessed and	5	
			Functional	intersects with	Roles With Special Protection Measures	HRS-04.1	documented. Mechanisms exist to ensure that individuals accessing a system that stores, transmits or processes information requiring special protection satisfy organization-defined personnel screening criteria.	5	
			Functional	intersects with	Position Categorization	HRS-02	personnel screening criteria. Mechanisms exist to manage personnel security risk by assigning a risk designation to all positions and establishing screening criteria for individuals filling those positions.	5	
			Functional	intersects with	Roles & Responsibilities	HRS-03	Mechanisms exist to define cybersecurity responsibilities for all personnel. Mechanisms exist to verify that individuals accessing a system processing, storing, or	5	
			Functional	intersects with	Formal Indoctrination	HRS-04.2	Mechanisms exist to verify that mornulars accessing a system processing, storing, or transmitting sensitive information are formally indoctrinated for all the relevant types of information to which they have access on the system. Mechanisms exist to establish usage restrictions and implementation guidance for	5	
			Functional	intersects with	Use of Communications Technology	HRS-05.3	communications technologies based on the potential to cause damage to systems, if used maliciously.	5	
			Functional	intersects with	Use of Mobile Devices	HRS-05.5	Mechanisms exist to manage business risks associated with permitting mobile device access to organizational resources. Mechanisms exist to communicate with users about their roles and responsibilities to	5	
			Functional	intersects with	User Awareness	HRS-03.1	maintain a safe and secure working environment. Mechanisms exist to require Non-Disclosure Agreements (NDAs) or similar	5	
70		Buy a copy of ISO 42001 for control content:	Functional	intersects with	Confidentiality Agreements Policy Familiarization &	HRS-06.1	confidentiality agreements that reflect the needs to protect data and operational details, or both employees and third-parties. Mechanisms exist to ensure personnel receive recurring familiarization with the	5	
7.3	Awareness	https://www.iso.org/standard/81230.html	Functional	intersects with	Acknowledgement	HRS-05.7	organization's cybersecurity & data privacy policies and provide acknowledgement.	5	
			Functional	intersects with intersects with	Use of Critical Technologies Rules of Behavior	HRS-05.4 HRS-05.1	Mechanisms exist to govern usage policies for critical technologies. Mechanisms exist to define acceptable and unacceptable rules of behavior for the use of technologies individue acceptable for governmental behavior.	5	
			Functional	intersects with	Terms of Employment	HRS-05	of technologies, including consequences for unacceptable behavior. Mechanisms exist to require all employees and contractors to apply cybersecurity & data privacy principles in their daily work.	5	
			Functional	intersects with	Access Agreements	HRS-06	data privacy principles in their daily work. Mechanisms exist to require internal and third-party users to sign appropriate access agreements prior to being granted access.	5	
			Functional	intersects with	Social Media & Social Networking Restrictions	HRS-05.2	Mechanisms exist to define rules of behavior that contain explicit restrictions on the use of social media and networking sites, posting information on commercial websites and sharing account information.	5	
				1	1	1	And sharing account information. Mechanisms exist to sanction personnel failing to comply with established security	1	
			Functional	intersects with	Personnel Sanctions	HRS-07		5	
			Functional Functional	intersects with subset of	Personnel Sanctions Artificial Intelligence (AI) & Autonomous Technologies	HRS-07 AAT-01	policies, standards and procedures. Mechanisms exist to ensure policies, processes, procedures and practices related to the mapping, measuring and managing of Artificial Intelligence (AI) and Autonomous	5	

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 (optional)
			Functional	intersects with	Robust Stakeholder Engagement for AI &	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about	5	
7.4	Communication	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Autonomous Technologies Cybersecurity & Data Privacy In Project Management	PRM-04	positive, negative and unanticipated impacts. Mechanisms exist to assess cybersecurity & data privacy controls in system project development to determine the extent to which the controls are implemented correctly, operating as intended and producing the desired outcome with respect to meeting the	5	
			Functional	intersects with	Business Process Definition	PRM-06	requirements. Mechanisms exist to define business processes with consideration for cybersecurity & data privacy that determines: • The resulting risk to organizational operations, assets, individuals and other organizations, and	5	
		Buy a copy of ISO 42001 for control content:					 Information protection needs arising from the defined business processes and revises the processes as necessary, until an achievable set of protection needs is obtained. 		
7.5	Documented information	https://www.iso.org/standard/81230.html	Functional	no relationship	N/A Cybersecurity & Data	N/A	N/A	N/A	No requirements to map to.
			Functional	subset of	Protection Governance Program	GOV-01	Mechanisms exist to facilitate the implementation of cybersecurity & data protection governance controls. Mechanisms exist to identify and document Standardized Operating Procedures (SOP),	10	
7.5.1	General	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Standardized Operating Procedures (SOP) Publishing Cybersecurity &	OPS-01.1	mechanisms exist to relative and occument standardized Operating Processing Soft or similar documentation, to enable the proper execution of day-to-day / assigned tasks. Mechanisms exist to establish, maintain and disseminate cybersecurity & data	5	
			Functional	intersects with	Data Protection Documentation Publishing Cybersecurity &	GOV-02	protection policies, standards and procedures.	5	
			Functional	intersects with	Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures. Mechanisms exist to identify and document Standardized Operating Procedures (SOP),	5	
7.5.1(a)	General	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	or similar documentation, to enable the proper execution of day-to-day / assigned tasks.	5	
			Functional	subset of	Cybersecurity & Data Protection Governance Program	GOV-01	Mechanisms exist to facilitate the implementation of cybersecurity & data protection governance controls.	10	
			Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	Mechanisms exist to identify and document Standardized Operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned	5	
7.5.1(b)	General	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Cybersecurity & Data Protection Governance Program	GOV-01	tasks. Mechanisms exist to facilitate the implementation of cybersecurity & data protection governance controls.	10	
			Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
			Functional	intersects with	Publishing Cybersecurity & Data Protection	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
			Functional	intersects with	Documentation Standardized Operating	OPS-01.1	Mechanisms exist to identify and document Standardized Operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned	5	
7.5.2	Creating and updating documented information	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Procedures (SOP) Cybersecurity & Data Protection Governance	GOV-01	tasks. Mechanisms exist to facilitate the implementation of cybersecurity & data protection	10	
			Tunctional	subset of	Program Periodic Review & Update of	007-01	governance controls. Mechanisms exist to review the cybersecurity & data privacy program, including	10	
			Functional	intersects with	Cybersecurity & Data Protection Program Sensitive / Regulated Data	GOV-03	policies, standards and procedures, at planned intervals or if significant changes occur to ensure their continuing suitability, adequacy and effectiveness.	5	
			Functional	intersects with	Protection Publishing Cybersecurity &	DCH-01.2	Mechanisms exist to protect sensitive/regulated data wherever it is stored. Mechanisms exist to establish, maintain and disseminate cybersecurity & data	5	
			Functional	intersects with	Data Protection Documentation	GOV-02	protection policies, standards and procedures.	5	
			Functional Functional	intersects with subset of	Disclosure of Information Data Protection	DCH-03.1 DCH-01	Mechanisms exist to restrict the disclosure of sensitive / regulated data to authorized parties with a need to know. Mechanisms exist to facilitate the implementation of data protection controls.	5	
7.5.3	Control of documented information	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Cybersecurity & Data Protection Governance Program	GOV-01	Mechanisms exist to facilitate the implementation of cybersecurity & data protection governance controls.	10	
			Functional	subset of	Operations Security Defining Access	OPS-01	Mechanisms exist to facilitate the implementation of operational security controls.	10	
			Functional	intersects with	Authorizations for Sensitive/Regulated Data	DCH-01.4	Mechanisms exist to explicitly define authorizations for specific individuals and/or roles for logical and /or physical access to sensitive/regulated data.	5	
			Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	Mechanisms exist to identify and document Standardized Operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned tasks.	5	
			Functional Functional	subset of subset of	Data Protection Operations Security	DCH-01 OPS-01	Mechanisms exist to facilitate the implementation of data protection controls. Mechanisms exist to facilitate the implementation of operational security controls.	10 10	
			Functional	intersects with	Sensitive / Regulated Data Protection	DCH-01.2	Mechanisms exist to protect sensitive/regulated data wherever it is stored.	5	
			Functional	intersects with	Defining Access Authorizations for Sensitive/Regulated Data	DCH-01.4	Mechanisms exist to explicitly define authorizations for specific individuals and/or roles for logical and /or physical access to sensitive/regulated data.	5	
7.5.3(a)	Control of documented information	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Cybersecurity & Data Protection Governance Program	GOV-01	Mechanisms exist to facilitate the implementation of cybersecurity & data protection governance controls.	10	
			Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
			Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	Mechanisms exist to identify and document Standardized Operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned	5	
			Functional	intersects with	Disclosure of Information	DCH-03.1	tasks. Mechanisms exist to restrict the disclosure of sensitive / regulated data to authorized parties with a need to know.	5	
			Functional	intersects with	Disclosure of Information Defining Access	DCH-03.1	Mechanisms exist to restrict the disclosure of sensitive / regulated data to authorized parties with a need to know.	5	
			Functional	intersects with	Authorizations for Sensitive/Regulated Data	DCH-01.4	Mechanisms exist to explicitly define authorizations for specific individuals and/or roles for logical and /or physical access to sensitive/regulated data.	5	
			Functional	intersects with	Sensitive / Regulated Data Protection Cybersecurity & Data	DCH-01.2	Mechanisms exist to protect sensitive/regulated data wherever it is stored.	5	
7.5.3(b)	Control of documented information	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Protection Governance Program	GOV-01	Mechanisms exist to facilitate the implementation of cybersecurity & data protection governance controls. Mechanisms exist to identify and document Standardized Operating Procedures (SOP),	10	
			Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	mechanisms exist to identify and document standardized operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned tasks.	5	
			Functional	subset of	Operations Security Publishing Cybersecurity &	OPS-01	Mechanisms exist to facilitate the implementation of operational security controls.	10	
			Functional Functional	intersects with subset of	Data Protection Documentation Data Protection	GOV-02 DCH-01	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures. Mechanisms exist to facilitate the implementation of data protection controls.	5	
8.0	Operation	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	Nechanisms exist to facilitate the implementation of data protection controls. N/A		No requirements to map to.
			Functional	intersects with	Al & Autonomous Technologies Internal Controls	AAT-02.2	Mechanisms exist to identify and document internal cybersecurity & data privacy controls for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	AI & Autonomous Technologies-Related Legal Requirements Definition	AAT-01.1	Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Define Control Objectives	GOV-09	Mechanisms exist to establish control objectives as the basis for the selection, implementation and management of the organization's internal control system.	5	
			Functional	intersects with	Monitor Controls	GOV-15.5	Mechanisms exist to compel data and/or process owners to monitor systems, applications and/or services under their control on an ongoing basis for applicable threats and risks, as well as to ensure cybersecurity & data privacy controls are operating as intended.	5	
8.1	Operational planning and control	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Assess Controls	GOV-15.3	Mechanisms exist to compel data and/or process owners to assess if required cybersecurity & data privacy controls for each system, application and/or service under their control are implemented correctly and are operating as intended.	5	

Image: start is a start is start is a start is start	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 (optional)
				Functional	intersects with	Select Controls	GOV-15.1	cybersecurity & data privacy controls for each system, application and/or service under	5	
Image: Part of the sector of the s				Functional	intersects with	Cybersecurity & Data	GOV-15	Mechanisms exist to compel data and/or process owners to operationalize cybersecurity & data privacy practices for each system, application and/or service	5	
Image: book state				Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies	AAT-01	Mechanisms exist to ensure policies, processes, procedures and practices related to the mapping, measuring and managing of Artificial Intelligence (AI) and Autonomous	10	
1 ************************************				Functional	intersects with	Implement Controls	GOV-15.2	cybersecurity & data privacy controls for each system, application and/or service under	5	
1 1 1 1 1 1 1 1 1 1 1				Functional	intersects with	Technologies Likelihood &	AAT-07.2	Mechanisms exist to define the potential likelihood and impact of each identified risk based on expected use and past uses of Artificial Intelligence (AI) and Autonomous	5	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Functional	subset of	Autonomous Technologies	AAT-01	mapping, measuring and managing of Artificial Intelligence (AI) and Autonomous	10	
14 marss 14 marss 16 mars				Functional	intersects with	Autonomous Technologies	AAT-02	and Autonomous Technologies (AAT) (internal and third-party).	5	
Image: state in the	8.2	Al risk assessment		Functional	intersects with		AAT-02.1	(AAT) in use and map those components to potential legal risks, including statutory and regulatory compliance requirements.	5	
Image: state in the state is a state in the state in the state is a state in the state in the state is a state in the state in the state is a state in the state in the state is a state in the state in the state is a state in the state in the state is a state in the state in the state in the state is a state in the s				Functional	subset of		RSK-01	risk management controls.	10	
Image: state in the state in the state in the state in the state interpretability of the state interpre				Functional	intersects with	Technologies Risk	AAT-07	disciplines, experience, expertise and backgrounds for mapping, measuring and	5	
head and set in the set in the set is a set in the set is a				Functional	intersects with	Risk Assessment	RSK-04	and magnitude of harm, from unauthorized access, use, disclosure, disruption,	5	
Alternative Approximate properties of a stranger stranger of a stranger o			0	Functional	intersects with		RSK-06.2		5	
Image: space	8.3	Al risk treatment						assessments, incidents and audits to ensure proper remediation has been performed.		
Answer								Mechanisms exist to conduct a Business Impact Analysis (BIA) to identify and assess		
http:// heat http:// heat<				Functional	intersects with		RSK-10	Mechanisms exist to conduct a Data Protection Impact Assessment (DPIA) on systems, applications and services that store, process and/or transmit Personal Data (PD) to	5	
Image: space	8.4			Functional	intersects with	Risk Framing	RSK-01.1	Mechanisms exist to identify: • Assumptions affecting risk assessments, risk response and risk monitoring; • Constraints affecting risk assessments, risk response and risk monitoring; • The organizational risk tolerance; and	5	
Normalian Normalian <t< td=""><td></td><td></td><td></td><td>Functional</td><td>intersects with</td><td>Technologies Impact</td><td>AAT-07.1</td><td>Autonomous Technologies (AAT) on individuals, groups, communities, organizations</td><td>5</td><td></td></t<>				Functional	intersects with	Technologies Impact	AAT-07.1	Autonomous Technologies (AAT) on individuals, groups, communities, organizations	5	
1 Number personal set (SP) (SP) (SP) (SP) (SP) (SP) (SP) (SP)	9.0	Performance evaluation		Functional	no relationship		N/A		N/A	No requirements to map to.
121000000000000000000000000000000000000	9.1		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Evaluation, Validation &	AAT-10	Verification (AI TEVV) practices to enable Artificial Intelligence (AI) and Autonomous	5	
App 2 Protection Fraction The the spectrage of the	9.2	Internal audit		Functional	no relationship		N/A		N/A	No requirements to map to.
9.2.1 P2.10 P				Functional	intersects with	Technologies Ongoing	AAT-11.2	Autonomous Technologies (AAT) with independent assessors and stakeholders not involved in the development of the AAT.	5	
L L <thl< th=""> L L L</thl<>	9.2.1	General		Functional	intersects with	Internal Audit Function	CPL-02.1	senior organization management with insights into the appropriateness of the	5	
Application Interact with And solution MA1 bit Interaction MA1 bit I				Functional	intersects with		AAT-10.1	(AAT) for trustworthy behavior and operation including security, anonymization and	5	
9.2.1(a) General Perturbation and address and general sector and address anddress anddres and address and addres anddress and address anddres				Functional	intersects with		AAT-10.1	(AAT) for trustworthy behavior and operation including security, anonymization and	5	
Line Line Line Line Line Chi Comparisation maignment with ingits into the appropriations of the imparisation in the appropriation of the approprise appropriation of the appropriation of the appropria	9.2.1(a)	General		Functional	intersects with	Technologies Ongoing	AAT-11.2	Autonomous Technologies (AAT) with independent assessors and stakeholders not	5	
9.2.1(a)(1) General Ray is copy of 50.4001 for control content: http://www.io.org/istandar/di1230.htm Functional Intersects with intersects with http://www.io.org/istandar/di1230.htm Functional Intersects with http://www.io.org/istandar/di1230.htm Attracessment http://www.io.org/istandar/di1230.htm Attracessment http://www.io.org/istandar/di1230.htm Attracessment http://www.io.org/istandar/di1230.htm Attracessment http://www.io.org/istandar/di1230.ht				Functional	intersects with	Internal Audit Function	CPL-02.1	senior organization management with insights into the appropriateness of the	5	
9.2.10(1) Perform Perform Interact with I				Functional	intersects with		AAT-10.1	(AAT) for trustworthy behavior and operation including security, anonymization and	5	
Image: section Functional Intersects with Technologies Organization Assessments AI-112 Autoonnous Technologies (AI) with independent assessments of AIII and Autoonnous Technologies indeviation in deviation in the deviation of the deviatis deviation of the deviation of the deviation of the	9.2.1(a)(1)	General		Functional	intersects with	Internal Audit Function	CPL-02.1	senior organization management with insights into the appropriateness of the	5	
Pach Functional Intersects with AT PV Transworthy behavior and operation including security, anonymization and Assistment S 9.2.1(a)(2) Buy a copy of (SO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with AT 8 Autonomous Technologies Conjunct AT 1:12 MAT 1:01				Functional	intersects with	Technologies Ongoing	AAT-11.2	Autonomous Technologies (AAT) with independent assessors and stakeholders not involved in the development of the AAT.	5	
9.2.1(a)(2) General Buy a copy of 50.42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Technologies (AAT) with independent assessors and staleholders not involved in the devolument to the AAT. Autonomous Technologies (AAT) with independent assessors and staleholders not involved in the devolument to the AAT. Matchanisme exist in implement an internal audit function that is capable of providing early analysis in the devolument to the AAT. Matchanisme exist in implement an internal audit function that is capable of providing early analysis in the head standard in the devolument to the AAT. Matchanisme exist in implement an internal audit function that is capable of providing early analysis in the intersect with internal Audit function disaggregation of captured and stored data for approved purposes. S 9.2.1(b) General Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with intersects with ATE-UX Tustworth beachore Assessments CPL-02.1 secondariation management with indigit into early analysis monotor Technologies (AAT) with independent assessors and staleholders not indigit aggregation of captured and stored data for approved purposes. S 9.2.1(b) General Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional Internal Audit Function intersects with CPL-02.1 secondariation management with indigit into early analysis monotor Technologies (AAT) with independent analysis in intersects with internal Audit Function C				Functional	intersects with	Assessment	AAT-10.1	(AAT) for trustworthy behavior and operation including security, anonymization and disaggregation of captured and stored data for approved purposes.	5	
Image: bit internal audit programme Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional internal Audit Function intersects with CPL 0.2. Mechanisme sist to implement an internal audit function that is capable of providing senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the (AAT) for trustworthy behavior and operation including security, anonymization and senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the senior organization management with insights into the appropriateness of the autonomous Technologies (AAT) with independent assessors and stakeholders not independent assessors and stakeholders not intersects with independent independent assessors and stakeholders not intersects with independent in tersects with independent assessors and stakeholders not intersects with independent independent assessors and stakeholders not intersects with independent independent assessors and stakeholders not intersects with independent intersects with independent assessors and stakeholders not intersects with independent intersects with independent assessors and stakeholders not independent intersects with independent assessors and stakeholders not intersects with interenal audit function that is capable of providing organ	9.2.1(a)(2)	General		Functional	intersects with	Technologies Ongoing	AAT-11.2	Autonomous Technologies (AAT) with independent assessors and stakeholders not	5	
Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Al EVV futs/Wortmain AAT-10. (AAT) of trust/worthy behavior and operation including security, anonymization and disaggregation of captured and stored data for approved purposes. S 9.2.1(b) Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Al & Autonomous Assessments Machanisme exist to implement an internal audit function that is capable of providing senior organization management with insights into the appropriateness of the individue of the Advisonment of the AAT. Machanisme exist to implement an internal audit function that is capable of providing senior organization schonologie (AAT) with independent assessors and stakeholders not individue in the development of the AAT. S 9.2.2 Internal audit programme Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Internal Audit Function Organization's technologies of information governance processes. S 9.2.2(a) Internal audit programme Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Internal Audit Function Organization's technology and information governance processes. S 9.2.2(a) Internal audit programme Buy a copy of ISO 42001 for control content: https://www				Functional	intersects with		CPL-02.1	senior organization management with insights into the appropriateness of the	5	
9.2.1(b) Lieberal https://www.iso.org/standard/81230.html Functional intersects with Internal Audit Function CPL-02.1 senior organization management with insights into the appropriateness of the opportances processes 5 9.2.1(b) https://www.iso.org/standard/81230.html Functional intersects with Al & Autonomous AAT-11 Mechanisme exist to conduct regular assessments of Artificial Intelligence (A)] and Autonomous organizations technologies (ATI) with independent assessors and stakeholders not since and the development of the AAT. Mechanisme exist to independent assessors and stakeholders not since and the development with insights into the appropriateness of the independent assessors and stakeholders not since and the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house in the development with insights into the appropriateness of the organization static house is not appropriateness of the organization static house in the development with insights into the appropriateness of the organization's technology and information governance processes. 5				Functional	intersects with		AAT-10.1	(AAT) for trustworthy behavior and operation including security, anonymization and	5	
Image: series or organization management with signification management with sing there and signification management with significatin	9.2.1(b)	General		Functional	intersects with	Internal Audit Function	CPL-02.1	senior organization management with insights into the appropriateness of the	5	
9.2.2 Internal audit programme bity/a Copy of ISO A200.1 for Control CollineII: https://www.iso.org/standard/81230.html Functional intersects with Internal Audit Function CPL-02.1 senior organization management with insights into the appropriateness of the organization's technology and information governance processes. 5 9.2.2(a) Internal audit programme Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Internal Audit Function CPL-02.1 senior organization management with insights into the appropriateness of the organization's technology and information governance processes. 5 9.2.2(a) Internal audit programme Functional intersects with Internal Audit Function CPL-02.1 senior organization management with insights into the appropriateness of the organization's technology and information governance processes. 5 9.2.2(a) Functional intersects with Internal Audit Function CPL-02.1 Mechanisme exist to implement an internal audit function that is capable of providing organization's technology and information governance processes. 5				Functional	intersects with	Technologies Ongoing	AAT-11.2	Autonomous Technologies (AAT) with independent assessors and stakeholders not	5	
9.2.2(a) Internal audit programme Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Internal Audit Function CPL-02.1 senior organization management within sights into the appropriateness of the organization's technology and information governance processes. 5 Hutchinal Intersects with All & Autonomous Mechanism exist to specify and document the targeted application of Autimical Intelligence (Al) and Autonomous Technologies 5	9.2.2	Internal audit programme		Functional	intersects with	Internal Audit Function	CPL-02.1	senior organization management with insights into the appropriateness of the	5	
nttps://www.iso.org/standard/s12.su.ntmi Functional intersects with Technologies Targeted AAT-04.3 proposed use and operation of Artificial Intelligence (AI) and Autonomous Technologies 5	9.2.2(a)	Internal audit programme		Functional	intersects with		CPL-02.1	senior organization management with insights into the appropriateness of the organization's technology and information governance processes.	5	
Application Scope U/AATI			incps.//www.isu.org/stanuaP0/81230.ntml	Functional	intersects with		AAT-04.3		5	

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 (optional)
		Buy a copy of ISO 42001 for control content:	Functional	intersects with	Internal Audit Function	CPL-02.1	Mechanisms exist to implement an internal audit function that is capable of providing senior organization management with insights into the appropriateness of the organization's technology and information governance processes.	5	
9.2.2(b)	Internal audit programme	https://www.iso.org/standard/81230.html	Functional	intersects with	Independent Assessors	CPL-03.1	Mechanisms exist to utilize independent assessors to evaluate cybersecurity & data protection controls at planned intervals or when the system, service or project undergoes significant changes.	5	
		Russers of ICO 42001 for each of each of	Functional	intersects with	Internal Audit Function	CPL-02.1	Mechanisms exist to implement an internal audit function that is capable of providing senior organization management with insights into the appropriateness of the organization's technology and information governance processes.	5	
9.2.2(c)	Internal audit programme	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
9.3	Management review	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	N/A	N/A	No requirements to map to.
9.3.1	General	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
9.3.2	Management review inputs	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
			Functional	intersects with	Robust Stakeholder Engagement for Al & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
			Functional	intersects with	Risk Register	RSK-04.1	Mechanisms exist to maintain a risk register that facilitates monitoring and reporting of risks.	5	
9.3.2(a)	Management review inputs	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
			Functional	intersects with	Plan of Action & Milestones (POA&M)	IAO-05	Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk register, to document planned remedial actions to correct weaknesses or deficiencies noted during the assessment of the security controls and to reduce or eliminate known vulnerabilities.	5	
			Functional	intersects with	Robust Stakeholder Engagement for AI &	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about	5	
			Functional	intersects with	Autonomous Technologies Risk Register	RSK-04.1	positive, negative and unanticipated impacts. Mechanisms exist to maintain a risk register that facilitates monitoring and reporting of risks.	5	
9.3.2(b)	Management review inputs	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Plan of Action & Milestones (POA&M)	IAO-05	Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk register, to document planned remedial actions to correct weaknesses or deficiencies noted during the assessment of the security controls and to reduce or eliminate known vulnerabilities.	5	
			Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
			Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
9.3.2(c)	Management review inputs	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Stakeholder Feedback Integration	AAT-11.1	Mechanisms exist to regularly collect, consider, prioritize and integrate risk-related feedback from those external to the team that developed or deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Stakeholder Identification & Involvement	AST-01.2	Mechanisms exist to identify and involve pertinent stakeholders of critical systems, applications and services to support the ongoing secure management of those assets.	5	
			Functional	intersects with	Measures of Performance Robust Stakeholder	GOV-05	Mechanisms exist to develop, report and monitor cybersecurity & data privacy program measures of performance. Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence	5	
9.3.2(d)	Management review inputs	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Engagement for AI & Autonomous Technologies	AAT-11	Al) and Automoti Technologies (AAT) stateholders to encourage feedback about positive, negative and unanticipated impacts. Mechanisms exist to coordinate cybersecurity, data protection and business alignment	5	
			Functional	intersects with	Steering Committee & Program Oversight Robust Stakeholder	GOV-01.1	through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis. Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence	5	
			Functional	intersects with	Engagement for AI & Autonomous Technologies	AAT-11	(A) and Autonomous Technologies (AT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
9.3.2(d)(1)	Management review inputs	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
			Functional	intersects with	Measures of Performance	GOV-05	Mechanisms exist to develop, report and monitor cybersecurity & data privacy program measures of performance.	5	
		Russ convertise 42001 for control contents	Functional	intersects with	Steering Committee & Program Oversight	GOV-01.1	Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis.	5	
9.3.2(d)(2)	Management review inputs	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Robust Stakeholder Engagement for Al & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts. Mechanisms exist to develop, report and monitor cybersecurity & data privacy program	5	
			Functional	intersects with	Measures of Performance Robust Stakeholder	GOV-05	measures of performance. Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence	5	
		Buy a copy of ISO 42001 for control content:	Functional	intersects with intersects with	Engagement for AI & Autonomous Technologies Measures of Performance	AAT-11 GOV-05	(AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts. Mechanisms exist to develop, report and monitor cybersecurity & data privacy program	5	
9.3.2(d)(3)	Management review inputs	https://www.iso.org/standard/81230.html	Functional	intersects with	Steering Committee &	GOV-05	measures of performance. Mechanisms exist to coordinate cybersecurity, data protection and business alignment through a steering committee or advisory board, comprised of key cybersecurity, data	5	
			Functional	intersects with	Program Oversight Robust Stakeholder Engagement for Al &	AAT-11	unogin a scienting committee of advisory doard, comprised of key cycler security, data privacy and business executives, which meets formally and on a regular basis. Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about	5	
					Autonomous Technologies Steering Committee &		positive, negative and unanticipated impacts. Mechanisms exist to coordinate cybersecurity, data protection and business alignment		
9.3.2(e)	Management review inputs	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Program Oversight Updating AI & Autonomous	GOV-01.1 AAT-10.14	through a steering committee or advisory board, comprised of key cybersecurity, data privacy and business executives, which meets formally and on a regular basis. Mechanisms exist to integrate continual improvements for deployed Artificial	5	
			Functional	intersects with	Technologies Al & Autonomous Technologies Continuous	AAT-07.3	Intelligence (AI) and Autonomous Technologies (AAT). Mechanisms exist to continuously improve Artificial Intelligence (AI) and Autonomous Technologies (AAT) capabilities to maximize benefits and minimize negative impacts	5	
9.3.3	Management review results	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Improvements Status Reporting To Governing Body	GOV-01.2	associated with AAT. Mechanisms exist to provide governance oversight reporting and recommendations to those entrusted to make executive decisions about matters considered material to the	5	
10.0	Improvement	Buy a copy of ISO 42001 for control content:	Functional	no relationship	N/A	N/A	organization's cybersecurity & data protection program. N/A	N/A	No requirements to map to.
10.1	Continual improvement	https://www.iso.org/standard/81230.html Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Continuous	AAT-07.3	' Mechanisms exist to continuously improve Artificial Intelligence (AI) and Autonomous Technologies (AAT) capabilities to maximize benefits and minimize negative impacts	5	
		Tropped A MMM-130-01 BL stellingt (1/01530-11011)	Functional	intersects with	Improvements Threat Analysis & Flaw Remediation During	IAO-04	associated with AAT. Mechanisms exist to require system developers and integrators to create and execute a Security Test and Evaluation (ST&E) plan to identify and remediate flaws during	5	
1	I	I		l	Development	I	development.		

Part of the state of	
Base shorts and shor	
Image: state in the problem is	
Image: Problem in the start of th	
Image: state in the	
Base appendix of the second	
Barbon Function Instance <	
Base of the section of the s	
19.00 Contraction additional planets and bills	
Image: content of the second of the	
Image: Participant state Function interacts with interac	
Image: constraint of the section of the sec	
Image: Problem in the standard start	
Image: Participant Part Part Part Part Part Part Part Par	
12.20(1) Netconforming and certextive store a space of 00.4020 for control control or split shade of \$2120 More herein store All shades and store All shades and store store All shades and store All sh	
Defection is both at the processing in the procesing in the processing in the processing in the processing in the p	
Image: biology of ISO 42001 for control content: hp://www.io.arg/tatader/8132.01.ml Image: biology of ISO 42001 for control content: hp://www.io.arg/tatader/8132.01.ml S 10.2(40) Nonconformity and hp://www.io.arg/tatader/8132.00.ml Functional interacts with horizon and horizon and	
Image: section in the section in the section in the section is provided and the section is conserved watchings of the secti	
Image: Figure	
Image: bit in the section of the sectin of the sectin of the section of the section of the section of t	
Image: bit in the sect with section of the seccitor of the section of the	
10.2(a)(2) Nonconformity and corrective action Buy a copy of ISO 42001 for control content: https://www.iso org/standard/81230.html Functional intersects with Plan of Action R Allieston (POA&BM) IAO-0 (POABM) register, to document planed premedial actions to correct weakness or of deficiencies underabilities. 5 10.2(a)(2) Nonconformity and corrective action Buy a copy of ISO 42001 for control content: https://www.iso org/standard/81230.html Functional intersects with Plan of Action R Allieston (POA&BM) IAO-04 register, to document planed premedial actions to correct weakness or of deficiencies with regester to document planed premedial actions to to correct weakness or of deficiencies action of the security control security control security and regelops and integrators to create and execures a security Test and Evaluation (SEE) plan to identify and remediate flaws during security Test and Evaluation (SEE) plan to identify and remediate flaws during reserved to control security security and implement the plan under the witners of an independent party. 5 Functional intersects with Development Process TDA-15 Mechanisms exist to require system developers and integrators to create a Security reserved to identify the security control and regeloper to reserved and security reserved to identify the security control and regeloper to reserved a value security reserved to identify the security control and integrators to create a Security reserved to identify the security control and integrators to create a Security reserved to identinfish secore propery identified, tracked and security Test and	
Image: bit in the sect with section in the sect with in the sect with in the sect with in the sect with	
Image: base intersects with service intersects with ser	
Image: second	
10.2(b) Nonconformity and corrective action Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with intersects with Developer Threat Analysis Fish Remediation VPM-020 AK-18.21 Mechanisms exist to require system developers and integrators to create a Security result of the content of the co	
10.2(b) Nonconformity and corrective action Buy a copy of 50 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with intersects with Resk Remediation Functional 75 Test and Evaluation (ST&E) plan and implement the plan under the witness of an independent party. 5 Functional intersects with Risk Remediation Risk Risk Remediation Risk Remediation	
10.2(b) Nonconformity and corrective action Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html Functional intersects with Vulnerability Remediation Process VPM-02 Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and process 5 Previously Unknown AL8 Autonomous Technologies AAT-17.3 Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and process 5 Functional intersects with Previously Unknown AL8 Autonomous Technologies Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to respond to and recover from a previously unknown AL16 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously Unknown AL8 (hethanisms exist to ensure that vulnerabilities are properly identified, tracked and previously	
10.2(b) Not combinity and buy a copy of 50 4001 to control content. thtps://www.iso.org/standard/81230.html Functional F	
Functional Threat Analysis & Flaw Mechanisms exist to require system developers and integrators to create and execute a Functional intersects with Remediation During IAO-04 Security Test and Evaluation (ST&E) plan to identify and remediate flaws during 5 Development Development. Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk 5	
Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk	
Functional intersects with Plan of Action & Milestones (POA&M) Plan of Action & Milestones (POA&M) Plan of Action & Milestones (POA&M) Ido-US (register, to document planned remedial actions to correct weaknesses or deficiencies onted during the assessment of the security controls and to reduce or eliminate known security (POA&M) variantees (POA&M) varia	
Functional intersects with Remediation During IAO-Q4 Security Test and Evaluation (ST&E) plan to identify and remediate flaws during 5 Development development development.	
Functional intersects with intersects with Fechnologies Risk Response AAT-18.1 Autonomous Technologies (AAT)-related risks based on assessments and other 5 analytical output.	
10 2(b)(1) Nonconformity and Buy a copy of ISO 42001 for control content: Functional intersects with of (POA&BM) Additional of (POA&BM) Mechanisms exist to generate a Plan of Action and Milestones (POA&BM) or similar risk.	
Corrective action https://www.iso.org/standardys12.su.ntmi Functional intersects with Risk Remediation RSK-06 Mechanisms exist to remediate risks to an acceptable level. 5 Previously Unknown AI & Mechanisms exist to remediate risks to an acceptable level.	
Functional intersects with Autonomous Technologies AAT-17.3 Threats & Risks Triggene (AI) and Autonomous Technologies (AAT)-related risk when it is identified.	
Functional intersects with Developer Interst Analysis & Flaw Remediation TDA-15 Test and Evaluation (ST&E) plan and implement the plan under the witness of an independent party. 5	
Functional Intersects with Process VPM-U2 remediated. 5 Image: State of the s	
Functional intersects with AAT-B.1 Autonomous Technologies (AAT-Pelated risks based on assessments and other 5 Technologies Risk Response Technologies Risk Response analytical output analytical output Band Artina & Milestones Mechanisme soits to generate a Plan of Action and Milestones (POAA8M), or similar risk Mechanisme soits to generate a Plan of Action and Milestones (POAA8M), or similar risk	
Functional intersects with (POA&M) (POA&M) IAO-US noted during the assessment of the security controls and to reduce or eliminate known vulnerabilities.	
Functional intersects with Risk Remediation RSK-06 Mechanisms exist to remediate risks to an acceptable level. 5 Nonconformity and 10.2(b)(2) Nonconformity and to the functional Functional intersects with Functional PVPM-02 Mechanisms exist to resure that vulnerabilities are properly identified, tracked and 5 5	
corrective action https://www.iso.org/standard/s12.su.ntml Functional intersects with Beveloper Threat Analysis & TDA-15 Fax Remediation TDA-15	
Previously Unknown All & Autonomous Technologies Mechanisms exist to respond to and recover from a previously unknown Artificial intersects with Autonomous Technologies (AATV-abuted risk when it is identified 5	
Threats & Risks Integrate option fractionation of the model of the mo	
Inclusion Inclusion methods I	

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 (optional)
			Functional	intersects with	AI & Autonomous Technologies Risk Response	AAT-18.1	Mechanisms exist to prioritize, respond to and remediate Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks based on assessments and other searchistical interview.	5	
			Functional	intersects with	Previously Unknown AI & Autonomous Technologies Threats & Risks	AAT-17.3	analytical output. Mechanisms exist to respond to and recover from a previously unknown Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risk when it is identified.	5	
10.0(1)(2)	Nonconformity and	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Developer Threat Analysis & Flaw Remediation	TDA-15	Mechanisms exist to require system developers and integrators to create a Security Test and Evaluation (ST&E) plan and implement the plan under the witness of an	5	
10.2(b)(3)	corrective action	https://www.iso.org/standard/81230.html	Functional	intersects with	Plan of Action & Milestones (POA&M)	IAO-05	independent party. Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk register, to document planned remedial actions to correct weaknesses or deficiencies noted during the assessment of the security controls and to reduce or eliminate known	5	
			Functional	intersects with	Vulnerability Remediation	VPM-02	vulnerabilities. Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and	5	
			Functional	intersects with	Process Threat Analysis & Flaw Remediation During	IAO-04	remediated. Mechanisms exist to require system developers and integrators to create and execute a Security Test and Evaluation (ST&E) plan to identify and remediate flaws during	5	
					Development Threat Analysis & Flaw		development. Mechanisms exist to require system developers and integrators to create and execute a		
			Functional	intersects with	Remediation During Development Plan of Action & Milestones	IAO-04	Security Test and Evaluation (ST&E) plan to identify and remediate flaws during development. Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk register, to document planned remedial actions to correct weaknesses or deficiencies	5	
			Functional	intersects with	(POA&M) Vulnerability Remediation	IAO-05	register, to oucliment planmed remedial actions to correct weaknesses of derivatives noted during the assessment of the security controls and to reduce or eliminate known <u>vulnerabilities</u> . Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and	5	
10.2(c)	Nonconformity and corrective action	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Process Developer Threat Analysis &	VPM-02	remediated. Mechanisms exist to require system developers and integrators to create a Security	5	
	corrective action	https://www.iso.org/standard/81230.htm	Functional	intersects with	Flaw Remediation	TDA-15	Test and Evaluation (ST&E) plan and implement the plan under the witness of an independent party. Mechanisms exist to prioritize, respond to and remediate Artificial Intelligence (AI) and	5	
			Functional	intersects with	Al & Autonomous Technologies Risk Response Previously Unknown Al &	AAT-18.1	Autonomous Technologies (AAT)-related risks based on assessments and other analytical output.	5	
			Functional	intersects with	Autonomous Technologies Threats & Risks	AAT-17.3	Mechanisms exist to respond to and recover from a previously unknown Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risk when it is identified.	5	
			Functional	intersects with	Risk Remediation AI & Autonomous	RSK-06 AAT-18.1	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to prioritize, respond to and remediate Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related risks based on assessments and other	5	
				intersects with	Technologies Risk Response Previously Unknown AI &		Autoinmous recimicagies (Art) related inscuese used on assessments and other analytical output. Mechanisms exist to respond to and recover from a previously unknown Artificial		
			Functional	intersects with	Autonomous Technologies Threats & Risks	AAT-17.3	Intelligence (AI) and Autonomous Technologies (AAT)-related risk when it is identified. Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk	5	
10.2(d)	Nonconformity and	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Plan of Action & Milestones (POA&M)	IAO-05	register, to document planned remedial actions to correct weaknesses or deficiencies noted during the assessment of the security controls and to reduce or eliminate known vulnerabilities.	5	
	corrective action	https://www.iso.org/standard/81230.html	Functional	intersects with	Developer Threat Analysis & Flaw Remediation	TDA-15	Mechanisms exist to require system developers and integrators to create a Security Test and Evaluation (ST&E) plan and implement the plan under the witness of an independent party.	5	
			Functional	intersects with	Risk Remediation Threat Analysis & Flaw	RSK-06	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to require system developers and integrators to create and execute a	5	
			Functional	intersects with	Remediation During Development Vulnerability Remediation	IAO-04	Security Test and Evaluation (ST&E) plan to identify and remediate flaws during development. Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and	5	
			Functional	intersects with	Process Previously Unknown AI &	VPM-02	remediated. Mechanisms exist to respond to and recover from a previously unknown Artificial	5	
			Functional	intersects with	Autonomous Technologies Threats & Risks Developer Threat Analysis &	AAT-17.3	Intelligence (AI) and Autonomous Technologies (AAT)-related risk when it is identified. Mechanisms exist to require system developers and integrators to create a Security	5	
			Functional	intersects with	Flaw Remediation Threat Analysis & Flaw	TDA-15	Test and Evaluation (ST&E) plan and implement the plan under the witness of an independent party. Mechanisms exist to require system developers and integrators to create and execute a	5	
	Nonconformity and	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Remediation During Development	IAO-04	Security Test and Evaluation (ST&E) plan to identify and remediate flaws during development.	5	
10.2(e)	corrective action		Functional Functional	intersects with intersects with	Risk Remediation Vulnerability Remediation Process	RSK-06 VPM-02	Mechanisms exist to remediate risks to an acceptable level. Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and remediated.	5	
			Functional	intersects with	Al & Autonomous Technologies Risk Response	AAT-18.1	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	
			Functional	intersects with	Plan of Action & Milestones (POA&M)	IAO-05	Mechanisms exist to generate a Plan of Action and Milestones (POA&M), or similar risk register, to document planned remedial actions to correct weaknesses or deficiencies noted during the assessment of the security controls and to reduce or eliminate known	5	
A.1	General	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	no relationship	N/A	N/A	vulnerabilities. N/A	N/A	No requirements to map to.
A.2	Policies related to Al	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
A.2.2	Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-01	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.	10	
		nttps://www.iso.org/standard/81230.ntml	Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
A.2.3	Alignment with other organizational policies	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Publishing Cybersecurity & Data Protection Documentation	GOV-02	Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures.	5	
A.2.4	Review of the Al policy	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Periodic Review & Update of Cybersecurity & Data Protection Program	GOV-03	Mechanisms exist to review the cybersecurity & data privacy program, including policies, standards and procedures, at planned intervals or if significant changes occur to ensure their continuing suitability, adequacy and effectiveness.	5	
		Buy a copy of ISO 42001 for control content:	Functional	intersects with	Stakeholder Accountability Structure	GOV-04.1	Mechanisms exist to enforce an accountability structure so that appropriate teams and individuals are empowered, responsible and trained for mapping, measuring and managing data and technology-related risks.	5	
A.3	Internal organization	https://www.iso.org/standard/81230.html	Functional	intersects with	Authoritative Chain of Command	GOV-04.2	managing data and technology-related risks. Mechanisms exist to establish an authoritative chain of command with clear lines of communication to remove ambiguity from individuals and teams related to managing data and technology-related risks.	5	
			Functional	intersects with	Assigned Responsibilities for Al & Autonomous Technologies	AAT-08	Mechanisms exist to define and differentiate roles and responsibilities for human-Al configurations and oversight of Al systems.	5	
A.3.2	AI roles and responsibilities	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with intersects with	Roles & Responsibilities Assigned Cybersecurity & Data Protection	HRS-03 GOV-04	Mechanisms exist to define cybersecurity responsibilities for all personnel. Mechanisms exist to assign one or more qualified individuals with the mission and resources to centrally-manage, coordinate, develop, implement and maintain an	5	
			Functional	intersects with	Responsibilities Roles With Special Protection Measures	HRS-04.1	enterprise-wide cybersecurity & data protection program. Mechanisms exist to ensure that individuals accessing a system that stores, transmits or processes information requiring special protection satisfy organization-defined	5	
			Functional	intersects with	Secure Development Life Cycle (SDLC) Management	PRM-07	personnel screening criteria. Mechanisms exist to ensure changes to systems within the Secure Development Life Cycle (SDLC) are controlled through formal change control procedures.	5	
			Functional	intersects with	Incident Handling	IRO-02	Mechanisms exist to cover the preparation, automated detection or intake of incident reporting, analysis, containment, eradication and recovery.	5	
			Functional	intersects with	Technologies Stakeholder Feedback Integration	AAT-11.1	Mechanisms exist to regularly collect, consider, prioritize and integrate risk-related feedback from those external to the team that developed or deployed Artificial Intelligence (AI) and Autonomous Technologies (AII).	5	
A.3.3	Reporting of concerns	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Continuous Improvements	AAT-07.3	Mechanisms exist to continuously improve Artificial Intelligence (AI) and Autonomous Technologies (AAT) capabilities to maximize benefits and minimize negative impacts associated with AAT.	5	
			Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
			Functional	intersects with	AI & Autonomous Technologies Ongoing Assessments	AAT-11.2	Mechanisms exist to conduct regular assessments of Artificial Intelligence (AI) and Autonomous Technologies (AAT) with independent assessors and stakeholders not involved in the development of the AAT.	5	
			Functional	intersects with	AI & Autonomous Technologies End User	AAT-11.3	Mechanisms exist to collect and integrate feedback from end users and impacted communities into Artificial Intelligence (AI) and Autonomous Technologies (AAT)-	5	
L				1	Feedback		related system evaluation metrics.	I	I

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)
		P	Functional	intersects with	Trustworthy AI & Autonomous Technologies	AAT-01.2	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) are designed to be reliable, safe, fair, secure, resilient, transparent, explainable and data privacy-enhanced to minimize emergent properties or unintended	5	
A.4	Resources for AI systems	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Artificial Intelligence (AI) & Autonomous Technologies Governance	AAT-01	consequences. 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.	10	
			Functional	intersects with	Cybersecurity & Data Privacy Requirements Definition	PRM-05	Mechanisms exist to identify critical system components and functions by performing a criticality analysis for critical systems, system components or services at pre-defined decision points in the Secure Development Life Cycle (SDLC).	5	
			Functional	intersects with	Secure Development Life Cycle (SDLC) Management	PRM-07	Mechanisms exist to ensure changes to systems within the Secure Development Life Cycle (SDLC) are controlled through formal change control procedures. Mechanisms exist to assess cybersecurity & data privacy controls in system project	5	
A.4.2	Resource documentation	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Cybersecurity & Data Privacy In Project Management	PRM-04	development to determine the extent to which the controls are implemented correctly, operating as intended and producing the desired outcome with respect to meeting the requirements.	5	
			Functional	subset of	Cybersecurity & Data Privacy Portfolio Management	PRM-01	Mechanisms exist to facilitate the implementation of cybersecurity & data privacy- related resource planning controls that define a viable plan for achieving cybersecurity & data privacy objectives.	10	
			Functional	intersects with	Allocation of Resources	PRM-03	Mechanisms exist to identify and allocate resources for management, operational, technical and data privacy requirements within business process planning for projects / initiatives.	5	
A.4.3	Data resources	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT). Mechanisms exist to specify and document the targeted application scope of the	5	
A.4.4	Tooling resources	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Technologies Targeted Application Scope	AAT-04.3	proposed use and operation of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Situational Awareness of AI & Autonomous Technologies	AAT-02	Mechanisms exist to develop and maintain an inventory of Artificial Intelligence (AI) and Autonomous Technologies (AAT) (internal and third-party).	5	
A.4.5	System and computing resources	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Situational Awareness of AI & Autonomous Technologies AI & Autonomous	AAT-02	Mechanisms exist to develop and maintain an inventory of Artificial Intelligence (AI) and Autonomous Technologies (AAT) (internal and third-party). Mechanisms exist to specify and document the targeted application scope of the	5	
			Functional	intersects with	Technologies Targeted Application Scope	AAT-04.3	proposed use and operation of Artificial Intelligence (AI) and Autonomous Technologies (AAT). Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies	5	
			Functional	intersects with	Technologies Stakeholder Competencies	AAT-13.1	(AAT)-related operator and practitioner proficiency requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT) are defined, assessed and documented.	5	
A.4.6	Human resources	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Stakeholder Diversity	AAT-13	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholder competencies, skills and capacities incorporate demographic diversity, broad domain and user experience expertise.	5	
			Functional	intersects with	Stakeholder Identification & Involvement	AST-01.2	Mechanisms exist to identify and involve pertinent stakeholders of critical systems, applications and services to support the ongoing secure management of those assets.	5	
A.5	Assessing impacts of Al	Buy a copy of ISO 42001 for control content:	Functional	subset of	Risk Management Program	RSK-01	Mechanisms exist to facilitate the implementation of strategic, operational and tactical risk management controls.	10	
~	systems	https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies-Related Legal Requirements Definition Security Impact Analysis for	AAT-01.1	Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT). Mechanisms exist to analyze proposed changes for potential security impacts, prior to	5	
A.5.2	AI system impact assessment process	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional Functional	intersects with	Changes Stakeholder Notification of	CHG-03 CHG-05	The implementation of the change. Mechanisms exist to ensure stakeholders are made aware of and understand the	5	
			Functional	intersects with	Changes AI & Autonomous	AAT-02.1	impact of proposed changes. Mechanisms exist to identify Artificial Intelligence (AI) and Autonomous Technologies (AAT) in use and map those components to potential legal risks, including statutory and	5	
			Functional	intersects with	Technologies Risk Mapping Al & Autonomous Technologies-Related Legal Requirements Definition	AAT-01.1	reculatory compliance requirements. Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AT).	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption,	5	
	Documentation of Al system	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Security Impact Analysis for Changes	CHG-03	modification or destruction of the organization's systems and data. Mechanisms exist to analyze proposed changes for potential security impacts, prior to the implementation of the change.	5	
A.5.3	impact assessments	https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Potential Costs Analysis	AAT-04.2	Mechanisms exist to assess potential costs, including non-monetary costs, resulting from expected or realized Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related errors or system functionality and trustworthiness.	5	
			Functional	intersects with	Business Impact Analysis (BIA) Stakeholder Notification of	RSK-08	Mechanisms exist to conduct a Business Impact Analysis (BIA) to identify and assess cybersecurity and data protection risks. Mechanisms exist to ensure stakeholders are made aware of and understand the	5	
			Functional	intersects with	Changes AI & Autonomous	CHG-05	impact of proposed changes. Mechanisms exist to characterize the impacts of proposed Artificial Intelligence (AI) and	5	
			Functional	intersects with	Technologies Impact Characterization	AAT-07.1	Autonomous Technologies (AAT) on individuals, groups, communities, organizations and society. Mechanisms exist to conduct a Data Protection Impact Assessment (DPIA) on systems,	5	
			Functional	intersects with	Data Protection Impact Assessment (DPIA)	RSK-10	applications and services that store, process and/or transmit Personal Data (PD) to identify and remediate reasonably-expected risks. Mechanisms exist to conduct a Data Protection Impact Assessment (DPIA) on systems,	5	
			Functional	intersects with	Data Protection Impact Assessment (DPIA)	RSK-10	applications and services that store, process and/or transmit Personal Data (PD) to identify and remediate reasonably-expected risks.	5	
			Functional	intersects with	Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption, modification or destruction of the organization's systems and data.	5	
			Functional	intersects with	Al & Autonomous Technologies-Related Legal Requirements Definition	AAT-01.1	Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
A.5.4	Assessing AI system impact on individuals or groups of individuals	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Requirements Definitions	AAT-14	Mechanisms exist to take socio-technical implications into account to address risks associated with Artificial Intelligence (AI) and Autonomous Technologies (AAT). Mechanisms exist to identify Artificial Intelligence (AI) and Autonomous Technologies	5	
			Functional	intersects with	Al & Autonomous Technologies Risk Mapping	AAT-02.1	Mechanisms exist to identify Artificial intelligence (A) and Autonomous Technologies (AAT) in use and map those components to potential legal risks, including statutory and regulatory compliance requirements. Mechanisms exist to conduct a Business Impact Analysis (BIA) to identify and assess	5	
			Functional	intersects with	Business Impact Analysis (BIA) AI & Autonomous	RSK-08	cybersecurity and data protection risks. Mechanisms exist to characterize the impacts of proposed Artificial Intelligence (AI) and	5	
			Functional	intersects with	Technologies Impact Characterization Al & Autonomous	AAT-07.1 AAT-04.2	Autonomous Technologies (AAT) on individuals, groups, communities, organizations and society. Mechanisms exist to assess potential costs, including non-monetary costs, resulting from expected or realized Artificial Intelligence (Al) and Autonomous Technologier	5	
			Functional	intersects with	Technologies Potential Costs Analysis AI & Autonomous Technologies-Related Legal	AAT-04.2	from expected or realized Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related errors or system functionality and trustworthiness. Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous	5	
			Functional	intersects with	Requirements Definition Al & Autonomous	AAT-02.1	Technologies (AAT). Mechanisms exist to identify Artificial Intelligence (AI) and Autonomous Technologies (AAT) in use and map those components to potential legal risks, including statutory and	5	
			Functional	intersects with	Technologies Risk Mapping Business Impact Analysis (BIA)	RSK-08	regulatory compliance requirements. Mechanisms exist to conduct a Business Impact Analysis (BIA) to identify and assess	5	
			Functional	intersects with	Al & Autonomous Technologies Potential Costs	AAT-04.2	cybersecurity and data protection risks. Mechanisms exist to assess potential costs, including non-monetary costs, resulting from expected or realized Artificial Intelligence (AI) and Autonomous Technologies	5	
A.5.5	Assessing societal impacts of Al systems	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Analysis Al & Autonomous Technologies Impact	AAT-07.1	(AAT)-related errors or system functionality and trustworthiness. Mechanisms exist to characterize the impacts of proposed Artificial Intelligence (AI) and Autonomous Technologies (AAT) on individuals, groups, communities, organizations	5	
			Functional	intersects with	Characterization Data Protection Impact Assessment (DPIA)	RSK-10	and society. Mechanisms exist to conduct a Data Protection Impact Assessment (DPIA) on systems, applications and services that store, process and/or transmit Personal Data (PD) to	5	
			Functional	intersects with	AI & Autonomous Technologies Requirements	AAT-14	identify and remediate reasonably-expected risks. Mechanisms exist to take socio-technical implications into account to address risks associated with Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Definitions Risk Assessment	RSK-04	Mechanisms exist to conduct recurring assessments of risk that includes the likelihood and magnitude of harm, from unauthorized access, use, disclosure, disruption,	5	
							modification or destruction of the organization's systems and data.		

Normal	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 (optional)
Note <	A.6	Al system life cycle				N/A	N/A			No requirements to map to.
			https://www.isu.org/stanuaru/81230.html	Functional	subset of		TDA-01	acquisition strategies, contract tools and procurement methods to meet unique	10	
Number Name	A.6.1			Functional	subset of	Cybersecurity & Data Privacy Portfolio Management	PRM-01	Mechanisms exist to facilitate the implementation of cybersecurity & data privacy- related resource planning controls that define a viable plan for achieving cybersecurity	10	
Alt Reference of a standard of particular structure of a standard of particular structure of particular struct				Functional	subset of		TDA-01	Mechanisms exist to facilitate the implementation of tailored development and acquisition strategies, contract tools and procurement methods to meet unique	10	
And Result Figure Result Since <	A.6.1.2			Functional	intersects with	Trustworthy AI & Autonomous	AAT-01.2	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) are designed to be reliable, safe, fair, secure, resilient, transparent, explainable and data privacy-enhanced to minimize emergent properties or unintended	5	
Annu set				Functional	intersects with	Technologies Implementation	AAT-14.1	Mechanisms exist to define the tasks that Artificial Intelligence (AI) and Autonomous	5	
Anthom Anthom Name Anthom Name Anthom Name Anthom Name				Functional	intersects with		TDA-02.3	their software development processes employ industry-recognized secure practices for secure programming, engineering methods, quality control processes and validation	5	
ALL Market		Processes for responsible Al		Functional	intersects with	Technologies Intellectual Property Infringement	AAT-12	Autonomous Technologies (AAT) to prevent third-party Intellectual Property (IP) rights	5	
App Part is a problem in the state is a state in the state is a problem in the state is a state i	A.6.1.3			Functional	intersects with		AAT-12.1		5	
Normal Image Image <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Technologies Knowledge Limits</td><td></td><td>(AI) and Autonomous Technologies (AAT) to provide sufficient information to assist relevant stakeholder decision making.</td><td>-</td><td></td></t<>						Technologies Knowledge Limits		(AI) and Autonomous Technologies (AAT) to provide sufficient information to assist relevant stakeholder decision making.	-	
Automa Name						Technology Development &		Mechanisms exist to facilitate the implementation of tailored development and		
Image: section of the sectio						Artificial Intelligence Test,		business needs. Mechanisms exist to implement Artificial Intelligence Test, Evaluation, Validation &		
All Markan Markan <td></td> <td></td> <td>Puw a conv of ISO 42001 for control content:</td> <td>Tunctional</td> <td>intersects with</td> <td>Verification (AI TEVV)</td> <td>AA1-10</td> <td>Technologies (AAT)-related testing, identification of incidents and information sharing. Mechanisms exist to design and implement product management processes to update</td> <td></td> <td></td>			Puw a conv of ISO 42001 for control content:	Tunctional	intersects with	Verification (AI TEVV)	AA1-10	Technologies (AAT)-related testing, identification of incidents and information sharing. Mechanisms exist to design and implement product management processes to update		
Apper properties Apper properity Apper properity Apper properity Apper properity Apper properity Apper properity	A.6.2	Al system life cycle		Functional	intersects with		TDA-01.1	correct security deficiencies.	5	
 AL2 AL2				Functional	subset of	Autonomous Technologies	AAT-01	mapping, measuring and managing of Artificial Intelligence (AI) and Autonomous	10	
AL2 Note Note Outcome Outcome<				Functional	intersects with	Requirements Definition	PRM-05	criticality analysis for critical systems, system components or services at pre-defined decision points in the Secure Development Life Cycle (SDLC).	5	
AL2 Image: Autom magnetic processing of the second of the se				Functional	intersects with		PRM-07	Cycle (SDLC) are controlled through formal change control procedures.	5	
ALX application Inter/How Load platability digitability digitability Annum Memory Model Total Memory Model		Al system requirements and	Buy a copy of ISO 42001 for control content:	Functional	intersects with		PRM-04	development to determine the extent to which the controls are implemented correctly, operating as intended and producing the desired outcome with respect to meeting the	5	
Appropried Image: Finance in the section	A.6.2.2			Functional	intersects with		TDA-02		5	
App Part Part Part Part Part Part Part Part				Functional	intersects with		AAT-02.2	controls for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
ALL Includie Includie Includie Includie Name ALL Matching enclusion Matching enclusion<				Functional	intersects with		TDA-01.1	products, including systems, software and services, to improve functionality and	5	
ALL Instruction Functional Instruction Provide for submerting in sectors and the private sympams and sector sympams and symp				Functional	intersects with	Technologies Requirements	AAT-14	associated with Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
A.2.3 Introduction				Functional	intersects with		PRM-02	resources needed to implement the cybersecurity & data privacy programs and	5	
A2.3 Puttion puttion puttion production				Functional	intersects with	Technologies Knowledge	AAT-14.2	(AI) and Autonomous Technologies (AAT) to provide sufficient information to assist relevant stakeholder decision making.	5	
A.2.3 Decomentation of A system Functional Interacts with Technologies instructure Program (integrame) A.1.2 Mechanisms exist to implement Articula intelligence (A) and Autoparticulations and other and autoparticulations autoparticulations and autoparticulations autoparticulations and autoparticulations and autoparticulations autoparticulation autoparticulatin autoparticulation autoparticulation autoparticulati				Functional	subset of		TDA-01	acquisition strategies, contract tools and procurement methods to meet unique	10	
A.2.3 Pacementation of A system Functional intersects with Evaluation, valiation, A AV-10 Verification (AITEV) quarkies to make Authinization finds manuschange) 5 A.5.3 Pacementation of A system bay a copy of 50,22020 for control content: File Autonomous AV-10 Mechanisme site to define and documents the companization information share) 5 A.5.3 Pacementation of A system bay a copy of 50,22020 for control content: File Autonomous AV-10 Mechanisme site to define and documents the companization information and defined goes (AV). S A.5.4 Pacementation of A system Functional intersects with Technologies (AV). Control contents the set of technologies (AV). S Functional intersects with Technologies Information and Autonomous Technologies (AV). S Functional intersects with Technologies Information and Autonomous Technologies (AV). S Functional intersects with Sector dominant with the pacement of technologies Information and AUTONOMOUS Technologies Information AUTONOMOUS Technologies Information AUTONOMOUS Technologies Information AUTONOMOUS Tecontrol contents S <td< td=""><td></td><td></td><td></td><td>Functional</td><td>intersects with</td><td>Technologies Intellectual Property Infringement</td><td>AAT-12</td><td>Autonomous Technologies (AAT) to prevent third-party Intellectual Property (IP) rights</td><td>5</td><td></td></td<>				Functional	intersects with	Technologies Intellectual Property Infringement	AAT-12	Autonomous Technologies (AAT) to prevent third-party Intellectual Property (IP) rights	5	
A.2.3 Decomentation of A system Functional interacts with Technologies Requirements A.7.1.4 Mechanism exist to address risks 5 A.6.2.4 Bosomentation of A system Buy a copy of SO 42001 for control content: Functional Al & Autonomous Autonomous Contents Sol Contents Sol Buy a copy of SO 42001 for control content: Functional Interacts with Al & Autonomous Autonomous Contents Sol Contents Sol Buy a copy of SO 42001 for control content: Functional Interacts with Contents Conten				Functional	intersects with	Evaluation, Validation &	AAT-10	Verification (AI TEVV) practices to enable Artificial Intelligence (AI) and Autonomous	5	
Kuch design and development https://www.iso.org/standard/82230.html Functional intersects with intersects with Technologies Mission and Galls Definitions ART-03.1 Mechanism exist to require polymatery-response Technologies AAT. S Art-0.1 mechanism exist to require polymatery-response access polymatery-response polymatery-response access polymatery-response access polymatery-response polymatery-response polymatery-response access polymatery-response polymatery-response access polymatery-response polymatery-re				Functional	intersects with	Technologies Requirements Definitions	AAT-14		5	
A system verification and validation A system verification and validation Functional intersects with Peelopment Methods, Techniques & Processes DPA-D2 their software development processes and validation techniques to minimize flawed or malformed software. S s Functional Functional intersects with Al & Autonomous Techniques & Processes Alf -141 Mechanisms exist to define the tasks that Artificial Intelligence (A) and Autonomous techniques to minimize flawed or malformed software. S s Functional intersects with Data Source identification Tasks Definition Alf -142 Mechanisms exist to define the tasks that Artificial Intelligence (A) and Autonomous techniques (A) will support (e.g., clossifiers, generative models, recommenders). S s Functional intersects with Data Source identification Tasks Definition Alf -120 Mechanisms exist to definity and document data source sullized in the traing and/c (A) S s Functional intersects with Al & Autonomous Technologies Busines Cold Alf -20 Mechanisms exist to develop applications based on secure coding principles. S s Al system verification and validation Buy a copy of ISO 42001 for control content: thtps://www.iso.org/standar/R1230.htmi Intersects with Alf Sut to compare validation Alf -100 Mechanisms exist to idevelop applicati	A.6.2.3		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Mission and	AAT-03.1		5	
Act 2.4 Methanism exist 0 define the task that Artificial Intelligence (A) and Autonomous server comments). S Act 2.4 Methanism exist 0 define the task that Artificial Intelligence (A) and Autonomous server comments). S Functional intersects with Data Source (dentification of training exist 0 define the tasks that Artificial Intelligence (A) and Autonomous server comments). S Image: Anti-1.4 Pronctional intersects with Data Source (dentification of training exist to define the tasks that Artificial Intelligence (A) and Autonomous server collige in (A) and Autonomous Technologies (AT). S Image: Anti-1.4 Methanism exist to define the tasks that Artificial Intelligence (A) and Autonomous Technologies (AT). S Image: Anti-1.4 Intersects with S Methanism exist to device applications based on secure coding articipates. S Ant-2.4 Pronctional intersects with S Methanism exist to device applications based on secure coding articipates. S Ant-2.4 Pronctional intersects with Secure Coding Valuation Ant-104 Methanism exist to device applications based on secure coding articipates. S Ant-2.4 Pronctional intersects with S S S Image: Anti-1.4 Functional intersects with <t< td=""><td></td><td></td><td></td><td>Functional</td><td>intersects with</td><td></td><td>TDA-02.3</td><td>their software development processes employ industry-recognized secure practices for secure programming, engineering methods, quality control processes and validation</td><td>5</td><td></td></t<>				Functional	intersects with		TDA-02.3	their software development processes employ industry-recognized secure practices for secure programming, engineering methods, quality control processes and validation	5	
Activity All system verification and validation Au system verification and validation and validation Au system verification and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation and validation a				Functional	intersects with	Technologies Implementation	AAT-14.1		5	
A62.4 Instrume Functional Intersects with Technologies Business Case AAT-100 Benefits and costs of Artificial Intelligence (AI) and Autoomous Technologies (AAT). 5 A6.2.4 An system verification and validation Buy a copy of ISO 42001 for control content: Intersects with Secure Coding intersects with TAA-00 Mechanisms exist to available the Artificial Intelligence (AI) and Autoomous Technologies (AAT). S A6.2.4 Al system verification and validation Buy a copy of ISO 42001 for control content: Functional intersects with All system AAT-100 Mechanisms exist to available the Artificial Intelligence (AI) and Autoomouss Technologies (AAT) model. S A6.2.4 Al system verification and validation Buy a copy of ISO 42001 for control content: Functional intersects with All Strume AAT-100 Mechanisms exist to availate the Artificial Intelligence (AI) and Autoomouss (AAT) for trustworthy behavior and operation including security, anonymization and discager grager contency trute and as tore data for data for data proved purposed proved purposed purposed purposed purposed purposed (AAT) for trustworthy behavior and operation including security, anonymization and discager grager contency trute and as tore data for data for data proved purposed purposed purposed purposed purposed purposed purposed purposed purposed purposed purposed purposed purposed verification (AITEVV) practices to enable Artificial Intelligence [AI] and Autonomonous fechnologies (AAT)-related testing iden				Functional	intersects with	Data Source Identification	AAT-12.1		5	
A 5.2.4 A system verification and validation Expression of top sector of top 42001 for control content: https://www.iso.org/standard/81230.html Functional Intersects with intersects with A 16 & Autonomous Technologies Model Validation AAT-109 Mechanisms exist to validate the Artificial Intelligence (AI) and Autonomous Technologies (AI) model. 5 A 6.2.4 Functional intersects with A 16 & Autonomous Technologies Model Validation AAT-109 Mechanisms exist to validate the Artificial Intelligence (AI) and Autonomous Technologies (AI) for trustworthy behavior and operation including security, anonymization and disaggregation of captured and store data for approved purposes. 5 Functional intersects with Functional Artificial Intelligence Test, Evaluation, Validation & AT-109 Mechanisms exist to painterse ativity topication and disaggregation of captured and store data for approved purposes. 5 Verification (AI) TEVV) Functional Artificial Intelligence Test, Evaluation, Validation & AT-109 MAT-109 Verification (AI) TEVV) Perification (AI) TEVV) Artificial Intelligence Test, Evaluation, Validation & AT-109 Mechanisms exist to facilitation of incidents and information sharing (AT-100) Artificial Intelligence Test, Evaluation, Validation & AT-109 Mathematics and transmore ativity AT-100 Mechanisms exist to facilitation of incidents and information Sharing (AT-100) Mathematics AT-100						Technologies Business Case		benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	-	
A.5.2.4 Al system verification and validation validation functional sets to factor of the system verification and validation validat						Al & Autonomous Technologies Model		Mechanisms exist to validate the Artificial Intelligence (AI) and Autonomous		
Functional Functional Artificial Intelligence Test, Verification (AI TEVV) practices to enable Artificial Intelligence [AI], valuation, Validation & Technologies (AAT)-related testing, identification of incidents and information sharing. 5 Executional subset of Information Assurance (IA) Information Assurance (IA) Information sharing with the implementation of cybersecuity & data privacy 10	A.6.2.4			Functional	intersects with	AI TEVV Trustworthiness	AAT-10.1	Mechanisms exist to evaluate Artificial Intelligence (AI) and Autonomous Technologies (AAT) for trustworthy behavior and operation including security, anonymization and	5	
Einsteine Einsteine Information Assurance (IA)				Functional	intersects with	Evaluation, Validation &	AAT-10	Mechanisms exist to implement Artificial Intelligence Test, Evaluation, Validation & Verification (AI TEVV) practices to enable Artificial Intelligence (AI) and Autonomous	5	
Functional subset of Operations / IAO-U1 assessment and authorization controls.				Functional	subset of	Information Assurance (IA)	IAO-01	Mechanisms exist to facilitate the implementation of cybersecurity & data privacy	10	

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)
	Al system deployment		Functional	intersects with	Specialized Assessments	IAO-02.2	Mechanisms exist to conduct specialized assessments for: Saturbary, requilatory and contractual compliance obligations; Mohile devices; Orabias exercity; Endedded technologies (e.g., IoT, ott, etc.); Vulnerability management; Hudicious code; Everformacricula destine.	5	
A.6.2.5		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Implementation Tasks Definition	AAT-14.1	Mechanisms exist to define the tasks that Artificial Intelligence (AI) and Autonomous Technologies (AAT) will support (e.g., classifiers, generative models, recommenders).	5	
			Functional	intersects with	Security Authorization Technical Verification	IAO-07 IAO-06	Mechanisms exist to ensure systems, projects and services are officially authorized prior to "go live" in a production environment. Mechanisms exist to perform information Assurance Program (IAP) activities to evaluate the design, implementation and effectiveness of technical cybersecurity &	5	
			Functional	intersects with	Assessments	IAO-02	data privacy controls. Mechanisms exist to formally assess the cybersecurity & data privacy controls in systems, applications and services through information Assurance Program (IAP) activities to determine the extent to which the controls are implemented correctly, operating as intended and producing the desired outcome with respect to meeting sexteds requirements.	5	
			Functional	intersects with	Artificial Intelligence Test, Evaluation, Validation & Verification (Al TEVV)	AAT-10	Redector redurements. Mechanisms exist to implement Artificial Intelligence Test, Evaluation, Validation & Verification (AI TEV) practices to enable Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related testing, identification of incidents and information sharing.	5	
			Functional	intersects with	AI TEVV Post-Deployment Monitoring	AAT-10.13	Mechanisms exist to proactively and continuously monitor deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
A.6.2.6	Al system operation and monitoring	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Production	AAT-16	Mechanisms exist to monitor the functionality and behavior of the deployed Artificial Intelligence (Al) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Monitoring Secure Development Life Cycle (SDLC) Management	PRM-07	Mechanisms exist to ensure changes to systems within the Secure Development Life Cycle (SDLC) are controlled through formal change control procedures.	5	
	Al system technical documentation	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Service Delivery (Business Process Support)	OPS-03	Mechanisms exist to define supporting business processes and implement appropriate governance and service management to ensure appropriate planning, delivery and support of the organization's technology capabilities supporting business functions, workforce, and/or customers based on industry-recognized standards to achieve the specific goals of the process area.	5	
A.6.2.7			Functional	intersects with	Documentation Requirements	TDA-04	Mechanisms exist to obtain, protect and distribute administrator documentation for systems that describe: • Secure configuration, installation and operation of the system; • Effective use and mainterance of security features/functions; and • Known vulnerabilities regarding configuration and use of administrative (e.g., privileged) functions.	5	
			Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	Mechanisms exist to identify and document Standardized Operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned	5	
			Functional	intersects with	Secure Practices Guidelines	OPS-05	tasks. Mechanisms exist to provide guidelines and recommendations for the secure use of products and/or services to assist in the configuration, installation and use of the product and/or service.	5	
			Functional	intersects with	Product Management	TDA-01.1	Mechanisms exist to design and implement product management processes to update products, including systems, software and services, to improve functionality and	5	
	A.6.2.8 Al system recording of event logs	t Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Secure Development Life Cycle (SDLC) Management	PRM-07	correct security deficiencies. Mechanisms exist to ensure changes to systems within the Secure Development Life Cycle (SDLC) are controlled through formal change control procedures.	5	
			Functional	intersects with	Service Delivery (Business Process Support)	OPS-03	Mechanisms exist to define supporting business processes and implement appropriate governance and service management to ensure appropriate planning, delivery and support of the organization's technology capabilities supporting business functions, workforce, and/or customers based on industry-recognized standards to achieve the specific goals of the process area.	5	
			Functional	intersects with	Secure Practices Guidelines	OPS-05	Mechanisms exist to provide guidelines and recommendations for the secure use of products and/or services to assist in the configuration, installation and use of the	5	
A.6.2.8			Functional	intersects with	Standardized Operating Procedures (SOP)	OPS-01.1	product and/or service. Mechanisms exist to identify and document Standardized Operating Procedures (SOP), or similar documentation, to enable the proper execution of day-to-day / assigned tasks.	5	
			Functional	intersects with	Product Management	TDA-01.1	Lesss. Mechanisms exist to design and implement product management processes to update products, including systems, software and services, to improve functionality and correct security deficiencies.	5	
			Functional	intersects with	Documentation Requirements	TDA-04	Mechanisms exist to obtain, protect and distribute administrator documentation for systems that describle: • Secure configuration, installation and operation of the system; • Effective use and maintenance of security features/functions; and • Known vulnerabilities regarding configuration and use of administrative (e.g., privileged) functions.	5	
	A.7 Data for Al systems	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5	
A.7			Functional	intersects with	Data Quality Operations	DCH-22	Mechanisms exist to check for Redundant, Obsolete/Outdated, Toxic or Trivial (ROTT) data to ensure the accuracy, relevance, timeliness, impact, completeness and de- identification of information across the information lifecycle.	5	
			Functional	intersects with	Trustworthy AI & Autonomous Technologies	AAT-01.2	Mechanisms exist to ensure Artificial Intelligence (AI) and Autonomous Technologies (AAT) are designed to be reliable, safe, fair, secure, resilient, transparent, explainable and data privacy-enhanced to minimize emergent properties or unintended consequences.	5	
A.7.2		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Quality Operations	DCH-22	Mechanisms exist to check for Redundant, Obsolete/Outdated, Toxic or Trivial (ROTT) data to ensure the accuracy, relevance, timeliness, impact, completeness and de- identification of information across the information lifecycle.	5	
			Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5	
A.7.3	Acquisition of data	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Data Quality Operations	DCH-22	Mechanisms exist to check for Redundant, Obsolete/Outdated, Toxic or Trivial (ROTT) data to ensure the accuracy, relevance, timeliness, impact, completeness and de- identification of information across the information lifecycle.	5	
471	Quality of data for Al	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5	
A.7.4	systems		Functional	intersects with	Data Quality Operations	DCH-22	Mechanisms exist to check for Redundant, Obsolete/Outdated, Toxic or Trivial (ROTT) data to ensure the accuracy, relevance, timeliness, impact, completeness and de- identification of information across the information lifecycle.	5	
		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Quality Operations	DCH-22	Mechanisms exist to check for Redundant, Obsolete/Outdated, Toxic or Trivial (ROTT) data to ensure the accuracy, relevance, timeliness, inpact, completeness and de- identification of information across the information lifecycle.	5	
A.7.5			Functional	intersects with	Provenance	AST-03.2	Mechanisms exist to track the origin, development, ownership, location and changes to systems, system components and associated data.	5	
			Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5	
A.7.6		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Data Source Identification	AAT-12.1	Mechanisms exist to identify and document data sources utilized in the training and/or operation of Artificial Intelligence and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Data Quality Operations	DCH-22	Mechanisms exist to check for Redundant, Obsolete/Outdated, Toxic or Trivial (ROTT) data to ensure the accuracy, relevance, timeliness, impact, completeness and de- identification of information across the information lifecycle.	5	
AR	Information for interested	Buy a copy of ISO 42001 for control content:	Functional	intersects with	Stakeholder Identification & Involvement	AST-01.2	Mechanisms exist to identify and involve pertinent stakeholders of critical systems, applications and services to support the ongoing secure management of those assets.	5	

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)
A.0	parties of AI systems	https://www.iso.org/standard/81230.html	Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
A.8.2	System documentation and information for users		Functional	intersects with	Stakeholder Identification &	AST-01.2	Dostrive, negative and unanticipated impacts. Mechanisms exist to identify and involve pertinent stakeholders of critical systems, applications and services to support the ongoing secure management of those assets.	5	
		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Robust Stakeholder Engagement for AI &	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (A) and Autonomous Technologies (AAT) stakeholders to encourage feedback about	5	
					Autonomous Technologies Robust Stakeholder	AAT-11	positive, negative and unanticipated impacts. Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence	5	
			Functional	intersects with	Engagement for AI & Autonomous Technologies Stakeholder Identification &		 (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts. Mechanisms exist to identify and involve pertinent stakeholders of critical systems, 	-	
A.8.3	External reporting	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Involvement	AST-01.2	Mechanisms exist to communicate Artificial Intelligence (A) and Autonomous	5	
			Functional	intersects with	Technologies Incident & Error Reporting	AAT-11.4	Technologies (AAT)-related incidents and/or errors to relevant stakeholders, including affected communities.	5	
			Functional	intersects with	Incident Stakeholder Reporting	IRO-10	Mechanisms exist to timely-report incidents to applicable: • Internal stakeholders; • Affected clients & third-parties; and • Regulatory authorities.	5	
	Communication of incidents		Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts. Mechanisms exist to timely-report incidents to applicable:	5	
A.8.4		Buy a copy of ISO 42001 for control content:	Functional	intersects with	Incident Stakeholder Reporting	IRO-10	Internal stake of meeting report indecing to uppreduce Affected clients & third-parties; and Regulatory authorities.	5	
		https://www.iso.org/standard/81230.html	Functional	intersects with	AI & Autonomous Technologies Incident & Error	AAT-11.4	Mechanisms exist to communicate Artificial Intelligence (AI) and Autonomous Technologies (AAT)-related incidents and/or errors to relevant stakeholders, including	5	
			Functional	intersects with	Reporting Stakeholder Identification & Involvement	AST-01.2	affected communities. Mechanisms exist to identify and involve pertinent stakeholders of critical systems, applications and services to support the ongoing secure management of those assets.	5	
105	Information for interested	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Robust Stakeholder Engagement for AI & Autonomous Technologies	AAT-11	Mechanisms exist to compel ongoing engagement with relevant Artificial Intelligence (AI) and Autonomous Technologies (AAT) stakeholders to encourage feedback about positive, negative and unanticipated impacts.	5	
A.8.5	parties		Functional	intersects with	Stakeholder Identification & Involvement	AST-01.2	Mechanisms exist to identify and involve pertinent stakeholders of critical systems, applications and services to support the ongoing secure management of those assets.	5	
			Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
A.9	Use of AI systems	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Service Delivery (Business Process Support)	OPS-03	Mechanisms exist to define supporting business processes and implement appropriate governance and service management to ensure appropriate planning, delivery and support of the organization's technology capabilities supporting business functions, workforce, and/re-customers based on industry-recognized standards to achieve the specific goals of the process area.	5	
			Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
A.9.2		Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Service Delivery (Business Process Support)	OPS-03	Mechanisms exist to define supporting business processes and implement appropriate governance and service management to ensure appropriate planning, delivery and support of the organization's technology capabilities supporting business functions, workforce, and/or customers based on industry-recognized standards to achieve the specific goals of the process area.	5	
A.9.3	Objectives for responsible use of AI system	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Service Delivery (Business Process Support)	OPS-03	Mechanisms exist to define supporting business processes and implement appropriate governance and service management to ensure appropriate planning, delivery and support of the organization's technology capabilities supporting business functions, workforce, and/or customers based on industry-recognized standards to achieve the specific goals of the process area.	5	
			Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
A.9.4	A.9.4 Intended use of the Al system	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Service Delivery (Business Process Support)	OPS-03	Mechanisms exist to define supporting business processes and implement appropriate governance and service management to ensure appropriate planning, delivery and support of the organization's technology capabilities supporting business functions, workforce, and/or customers based on industry-recognized standards to achieve the specific goals of the process area.	5	
			Functional	intersects with	AI TEVV Post-Deployment Monitoring	AAT-10.13	Mechanisms exist to proactively and continuously monitor deployed Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
		r Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Supply Chain Protection	TPM-03	Mechanisms exist to evaluate security risks associated with the services and product supply chain. Mechanisms exist to develop a plan for Supply Chain Risk Management (SCRM)	5	
	Third-party and customer relationships		Functional	intersects with	Supply Chain Risk Management (SCRM) Plan	RSK-09	associated with the development, acquisition, maintenance and disposal of systems, system components and services, including documenting selected mitigating actions and monitoring performance against those plans.	5	
A.10			Functional	intersects with	Third-Party Services	TPM-04	Mechanisms exist to mitigate the risks associated with third-party access to the organization's systems and data.	5	
			Functional	subset of	Third-Party Management Responsible, Accountable,	TPM-01	Mechanisms exist to facilitate the implementation of third-party management controls. Mechanisms exist to document and maintain a Responsible, Accountable, Supportive,	10	
			Functional	intersects with	Supportive, Consulted & Informed (RASCI) Matrix	TPM-05.4	Consulted & Informed (RASCI) matrix, or similar documentation, to delineate assignment for cybersecurity & data privacy controls between internal stakeholders and External Service Providers (ESPs). Mechanisms exist to develop a plan for Supply Chain Risk Management (SCRM)	5	
	Allocating responsibilities	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Supply Chain Risk Management (SCRM) Plan	RSK-09	associated with the development, acquisition, maintenance and disposal of systems, system components and services, including documenting selected mitigating actions and monitoring performance against those plans.	5	
			Functional	intersects with	Third-Party Contract Requirements	TPM-05	Mechanisms exist to require contractual requirements for cybersecurity & data privacy requirements with third-parties, reflecting the organization's needs to protect its systems, processes and data.	5	
A.10.2			Functional	subset of	Third-Party Management	TPM-01	Mechanisms exist to facilitate the implementation of third-party management controls. Mechanisms exist to evaluate security risks associated with the services and product	10	
			Functional	intersects with	Supply Chain Protection Responsible, Accountable, Supportive, Consulted &	TPM-03 TPM-05.4	supply chain. Mechanisms exist to document and maintain a Responsible, Accountable, Supportive, Consulted & Informed (RASCI) matrix, or similar documentation, to delineate	5	
			Functional	intersects with	Informed (RASCI) Matrix Third-Party Services	TPM-04	assignment for cybersecurity & data privacy controls between internal stakeholders and External Service Providers (ESPs). Mechanisms exist to mitigate the risks associated with third-party access to the	5	
	Suppliers	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	subset of	Third-Party Services Third-Party Management	TPM-04 TPM-01	organization's systems and data. Mechanisms exist to facilitate the implementation of third-party management controls.	10	
			Functional	intersects with	Supply Chain Protection	TPM-03	Mechanisms exist to evaluate security risks associated with the services and product supply chain.	5	
			Functional	intersects with	Third-Party Contract Requirements	TPM-05	Mechanisms exist to require contractual requirements for cybersecurity & data privacy requirements with third-parties, reflecting the organization's needs to protect its systems, processes and data.	5	
A.10.3			Functional	intersects with	Responsible, Accountable, Supportive, Consulted & Informed (RASCI) Matrix	TPM-05.4	Mechanisms exist to document and maintain a Responsible, Accountable, Supportive, Consulted & Informed (RASCI) matrix, or similar documentation, to delineate assignment for cybersecurity & data privacy controls between internal stakeholders and External Service Providers (ESPs).	5	
			Functional	intersects with	Third-Party Services	TPM-04	Mechanisms exist to mitigate the risks associated with third-party access to the organization's systems and data.	5	
			Functional	intersects with	Supply Chain Risk Management (SCRM) Plan	RSK-09	Mechanisms exist to develop a plan for Supply Chain Risk Management (SCRM) associated with the development, acquisition, maintenance and disposal of systems, system components and services, including documenting selected mitigating actions and monitoring performance against those plans.	5	

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)
A.10.4	Customers	Buy a copy of ISO 42001 for control content: https://www.iso.org/standard/81230.html	Functional	intersects with	Al & Autonomous Technologies Context Definition	AAT-03	Mechanisms exist to establish and document the context surrounding Artificial Intelligence (A) and Autonomous Technologies (AAT), including: Intended purposes; Potentially beneficial uses; Context-specific laws and regulations; Norms and expectations; and Prospective settings in which the system(s) will be deoloved.	5	
			Functional	intersects with	Al & Autonomous Technologies-Related Legal Requirements Definition	AAT-01.1	Mechanisms exist to identify, understand, document and manage applicable statutory and regulatory requirements for Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	AI & Autonomous Technologies Business Case	AAT-04	Mechanisms exist to benchmark capabilities, targeted usage, goals and expected benefits and costs of Artificial Intelligence (AI) and Autonomous Technologies (AAT).	5	
			Functional	intersects with	Responsible, Accountable, Supportive, Consulted & Informed (RASCI) Matrix	TPM-05.4	Mechanisms exist to document and maintain a Responsible, Accountable, Supportive, Consulted & Informed (RASCI) matrix, or similar documentation, to delineate assignment for cybersecurity & data privacy controls between internal stakeholders and External Service Providers (ESPs).	5	