

Set Theory Relationship Mapping (STRM)

Reference Document : Secure Controls Framework (SCF) version 2024.4

Focal Document: Trusted Information Security Assessment Exchange (TISAX) 6.0.3

Focal Document URL: <https://portal.enx.com/en-US/TISAX/downloads/>

STRM URL: <https://securecontrolsframework.com/content/strm/scf-strm-tisax-6-0-3.pdf>

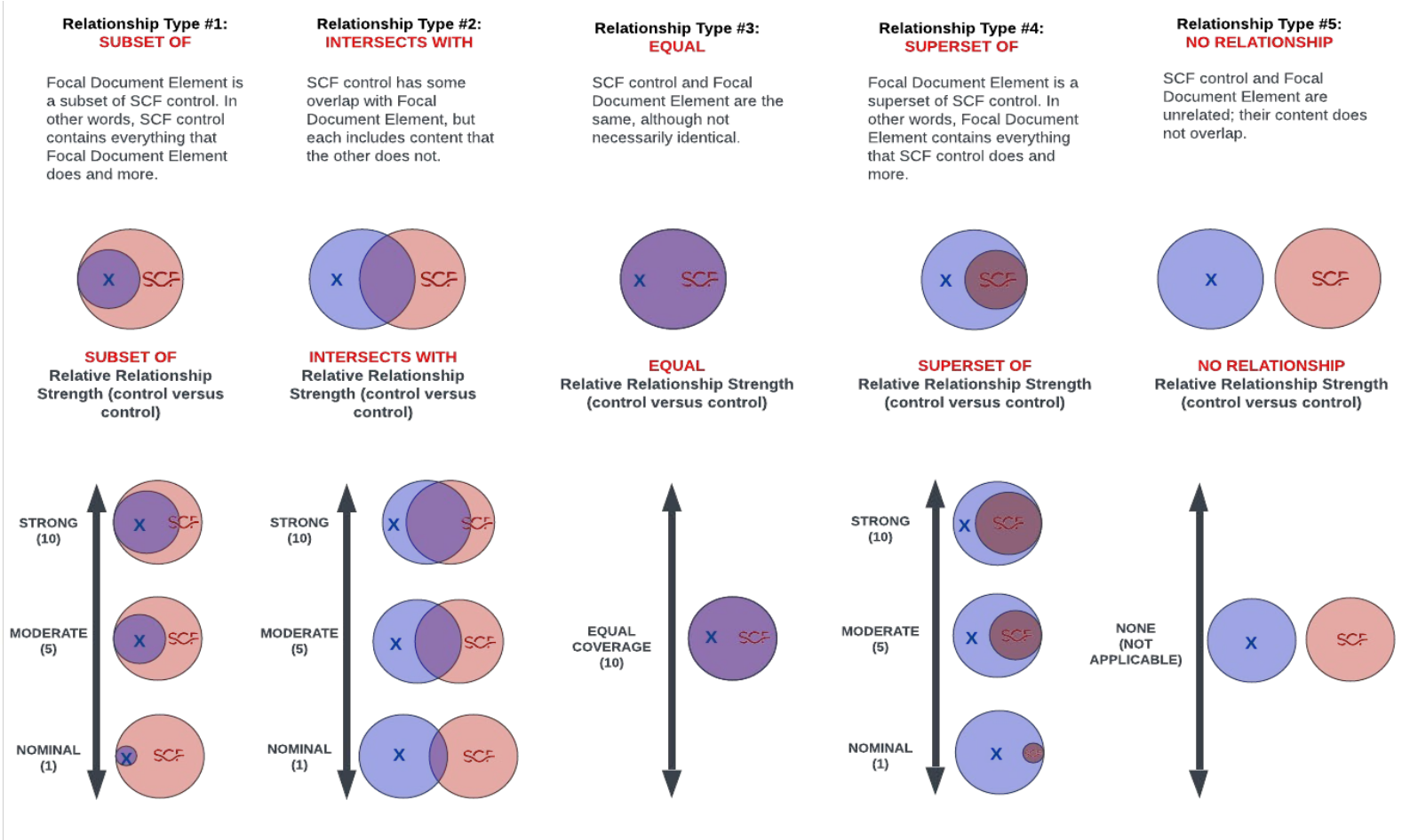
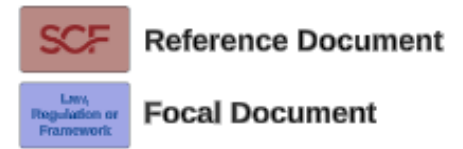
Set Theory Relationship Mapping (STRM) is well-suited for mapping between sets of elements that exist in two distinct concepts that are mostly the same as each other (e.g., cybersecurity & data privacy requirements). STRM also allows the strength of the mapping to be captured.

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:

- 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.
- Semantic:** How similar are the meanings of the two concepts? This involves some interpretation of each concept's language.
- 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) relationship types to describe the logical similarity between two distinct concepts:

- Subset Of
- Intersects With
- Equal
- Superset Of
- No Relationship



| 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 | IS Policies and Organization | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 1.1 | Information Security Policies | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 1.1.1 | N/A | <ul style="list-style-type: none"> + The requirements for information security have been determined and documented: - The requirements are adapted to the organization's goals, - A policy is prepared and is released by the organization. + The policy includes objectives and the significance of information security within the organization. | 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 | Defining Business Context & Mission | GOV-08 | Mechanisms exist to define the context of its business model and document the mission of the organization. | 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 | Statutory, Regulatory & Contractual Compliance | CPL-01 | Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls. | 5 | |
| 1.2 | Organization of Information Security | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 1.2.1 | N/A | <ul style="list-style-type: none"> + The scope of the ISMS (the organization managed by the ISMS) is defined. + The organization's requirements for the ISMS are determined. + The organizational management has commissioned and approved the ISMS. + The ISMS provides the organizational management with suitable monitoring and control means (e.g. management review). + Applicable controls have been determined (e.g. ISO 27001 Statement of Applicability, completed ISA catalogue). + The effectiveness of the ISMS is regularly reviewed by the management. | 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 | 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 | 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 | |
| | | | 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 | |
| | | | 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 | Measures of Performance | GOV-05 | Mechanisms exist to develop, report and monitor cybersecurity & data privacy program measures of performance. | 5 | |
| | | | Functional | Intersects With | Operationalizing Cybersecurity & Data Protection Practices | GOV-15 | Mechanisms exist to compel data and/or process owners to operationalize cybersecurity & data privacy practices for each system, application and/or service under their control. | 5 | |
| | | | Functional | Intersects With | Select Controls | GOV-15.1 | Mechanisms exist to compel data and/or process owners to select required cybersecurity & data privacy controls for each system, application and/or service under their control. | 5 | |
| | | | 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 | |
| | | | 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 compliance obligations. | 5 | |
| | | | | | <ul style="list-style-type: none"> + Responsibilities for information security within the organization are defined, documented, and assigned. + The responsible employees are defined and qualified for their task. + The required resources are available. + The contact persons are known within the organization and to relevant business partners. | Functional | Intersects With | Assigned Cybersecurity & Data Protection Responsibilities | GOV-04 |
| 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 | |

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| 1.2.2 | N/A | | 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 | Position Categorization | HRS-02 | 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 | Subset Of | Roles & Responsibilities | HRS-03 | Mechanisms exist to define cybersecurity roles & responsibilities for all personnel. | 10 | |
| | | | 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 | |
| | | | 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 | |
| 1.2.3 | N/A | + Projects are classified while taking into account the information security requirements. | 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 | |
| | | | Functional | Intersects With | Data & Asset Classification | DCH-02 | Mechanisms exist to ensure data and assets are categorized in accordance with applicable statutory, regulatory and contractual requirements. | 5 | |
| | | | Functional | Subset Of | Cybersecurity & Data Privacy In Project Management | PRM-04 | 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 requirements. | 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 | |
| 1.2.4 | N/A | + The concerned services and IT services used are identified. + The security requirements relevant to the IT service are determined: + The organization responsible for implementing the requirement is defined and aware of its responsibility. + Mechanisms for shared responsibilities are specified and implemented. + The responsible organization fulfills its respective responsibilities. | 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 | |
| | | | Functional | Intersects With | Select Controls | GOV-15.1 | Mechanisms exist to compel data and/or process owners to select required cybersecurity & data privacy controls for each system, application and/or service under their control. | 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 | |
| | | | Functional | Intersects With | Roles & Responsibilities | HRS-03 | Mechanisms exist to define cybersecurity roles & responsibilities for all personnel. | 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 | |
| | | | 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 | |
| 1.3 | Asset Management | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 1.3.1 | N/A | + Information assets and other assets where security is relevant to the organization are identified and recorded. - A person responsible for these information assets is assigned. + The supporting assets processing the information assets are identified and recorded: - A person responsible for these supporting assets is assigned. | Functional | Intersects With | Asset-Service Dependencies | AST-01.1 | Mechanisms exist to identify and assess the security of technology assets that support more than one critical business function. | 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 | Asset Ownership Assignment | AST-03 | Mechanisms exist to ensure asset ownership responsibilities are assigned, tracked and managed at a team, individual, or responsible organization level to establish a common understanding of requirements for asset protection. | 5 | |
| 1.3.2 | N/A | + A consistent scheme for the classification of information assets regarding the protection goal of confidentiality is available. + Evaluation of the identified information assets is carried out according to the defined criteria and assigned to the existing classification scheme. + Specifications for the handling of supporting assets (e.g. identification, correct handling, transport, storage, return, deletion/disposal) depending on the classification of information assets are in place and implemented. | 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 | |
| | | | Functional | Intersects With | Data & Asset Classification | DCH-02 | Mechanisms exist to ensure data and assets are categorized in accordance with applicable statutory, regulatory and contractual requirements. | 5 | |

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| 1.3.3 | N/A | <p>+ External IT services are not used without explicit assessment and implementation of the information security requirements:</p> <ul style="list-style-type: none"> - A risk assessment of the external IT services is available, - Legal, regulatory, and contractual requirements are considered. <p>+ The external IT services have been harmonized with the protection need of the processed information assets.</p> | Functional | Intersects With | Third-Party Management | TPM-01 | Mechanisms exist to facilitate the implementation of third-party management controls. | 5 | |
| | | | Functional | Intersects With | Third-Party Risk Assessments & Approvals | TPM-04.1 | Mechanisms exist to conduct a risk assessment prior to the acquisition or outsourcing of technology-related services. | 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 | |
| | | | 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 | |
| 1.3.4 | N/A | <p>+ Software is approved before installation or use. The following aspects are considered:</p> <ul style="list-style-type: none"> - Limited approval for specific use-cases or roles - Conformance to the information security requirements - Software use rights and licensing - Source / reputation of the software <p>+ Software approval also applies to special purpose software such as maintenance tools</p> | Functional | Intersects With | Software Licensing Restrictions | AST-02.7 | Mechanisms exist to protect Intellectual Property (IP) rights with software licensing restrictions. | 5 | |
| | | | Functional | Intersects With | Prevent Unauthorized Software Execution | CFG-03.2 | Mechanisms exist to configure systems to prevent the execution of unauthorized software programs. | 5 | |
| | | | Functional | Intersects With | Software Usage Restrictions | CFG-04 | Mechanisms exist to enforce software usage restrictions to comply with applicable contract agreements and copyright laws. | 5 | |
| | | | Functional | Intersects With | User-Installed Software | CFG-05 | Mechanisms exist to restrict the ability of non-privileged users to install unauthorized software. | 5 | |
| 1.4 | IS Risk Management | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 1.4.1 | N/A | <p>+ Risk assessments are carried out both at regular intervals and in response to events.</p> <p>+ Information security risks are appropriately assessed (e.g. for probability of occurrence and potential damage).</p> <p>+ Information security risks are documented.</p> <p>+ A responsible person (risk owner) is assigned to each information security risk. This person is responsible for the assessment and handling of the information security risks.</p> | 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 Framing | RSK-01.1 | Mechanisms exist to identify: <ul style="list-style-type: none"> •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 | Risk Identification | RSK-03 | Mechanisms exist to identify and document risks, both internal and external. | 5 | |
| | | | Functional | Intersects With | Risk Catalog | RSK-03.1 | Mechanisms exist to develop and keep current a catalog of applicable risks associated with the organization's business operations and technologies in use. | 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. | 5 | |
| 1.5 | Assessments | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| | | <p>+ Observation of policies is verified throughout the organization.</p> <p>+ Information security policies and procedures are reviewed at regular intervals.</p> <p>+ Measures for correcting potential non-conformities (deviations) are initiated and pursued.</p> <p>+ Compliance with information security requirements (e.g. technical specifications) is verified at regular intervals.</p> <p>+ The results of the conducted reviews are recorded and retained.</p> | 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 | Exception Management | GOV-02.1 | Mechanisms exist to prohibit exceptions to standards, except when the exception has been formally assessed for risk impact, approved and recorded. | 5 | |

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| 1.5.1 | N/A | | 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 | |
| | | | Functional | Intersects With | Non-Compliance Oversight | CPL-01.1 | Mechanisms exist to document and review instances of non-compliance with statutory, regulatory and/or contractual obligations to develop appropriate risk mitigation actions. | 5 | |
| | | | Functional | Intersects With | Cybersecurity & Data Protection Controls Oversight | CPL-02 | Mechanisms exist to provide a cybersecurity & data protection controls oversight function that reports to the organization's executive leadership. | 5 | |
| | | | 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 | |
| 1.5.2 | N/A | <ul style="list-style-type: none"> + Information security reviews are carried out by an independent and competent body at regular intervals and in case of fundamental changes. + Measures for correcting potential deviations are initiated and pursued. | Functional | Equal | Cybersecurity & Data Protection Assessments | CPL-03 | Mechanisms exist to ensure managers regularly review the processes and documented procedures within their area of responsibility to adhere to appropriate cybersecurity & data protection policies, standards and other applicable requirements. | 10 | |
| | | | Functional | Intersects With | Functional Review Of Cybersecurity & Data Protection Controls | CPL-03.2 | Mechanisms exist to regularly review technology assets for adherence to the organization's cybersecurity & data protection policies and standards. | 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 | |
| 1.6 | Incident and Crisis Management | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 1.6.1 | N/A | <ul style="list-style-type: none"> + A definition for a reportable security event or observation exists and is known by employees and relevant stakeholders. The following aspects are considered: <ul style="list-style-type: none"> - Events and observations related to personnel (e.g., misconduct / misbehaviour) - Events and observations related to physical security (e.g., intrusion, theft, unauthorized access to security zones, vulnerabilities in the security zones) - Events and observations related to IT and cyber security (e.g., vulnerable IT-systems, detected successful or unsuccessful attacks) - Events and observations related to suppliers and other business partners (e.g., any incidents that can have negative effect on the security of own organization) + Adequate mechanisms based on perceived risks to report security events are defined, implemented, and known to all relevant potential reporters + Adequate channels for communication with event reporters exist. | Functional | Subset Of | Incident Handling | IRO-02 | Mechanisms exist to cover: <ol style="list-style-type: none"> (1) Preparation; (2) Automated event detection or manual incident report intake; (3) Analysis; (4) Containment; (5) Eradication; and (6) Recovery. | 10 | |
| | | | Functional | Intersects With | Indicators of Compromise (IOC) | IRO-03 | Mechanisms exist to define specific Indicators of Compromise (IOC) to identify the signs of potential cybersecurity events. | 5 | |
| 1.6.2 | N/A | <ul style="list-style-type: none"> + Reported events are processed without undue delay. + An adequate reaction to reported security events is ensured. + Lessons learned are incorporated into continuous improvement. | Functional | Subset Of | Incident Handling | IRO-02 | Mechanisms exist to cover: <ol style="list-style-type: none"> (1) Preparation; (2) Automated event detection or manual incident report intake; (3) Analysis; (4) Containment; (5) Eradication; and (6) Recovery. | 10 | |
| | | | Functional | Intersects With | Situational Awareness For Incidents | IRO-09 | Mechanisms exist to document, monitor and report the status of cybersecurity & data privacy incidents to internal stakeholders all the way through the resolution of the incident. | 5 | |
| | | | Functional | Intersects With | Incident Stakeholder Reporting | IRO-10 | Mechanisms exist to timely-report incidents to applicable: <ul style="list-style-type: none"> •Internal stakeholders; •Affected clients & third-parties; and •Regulatory authorities. | 5 | |
| | | | Functional | Intersects With | Root Cause Analysis (RCA) & Lessons Learned | IRO-13 | Mechanisms exist to incorporate lessons learned from analyzing and resolving cybersecurity & data privacy incidents to reduce the likelihood or impact of future incidents. | 5 | |
| 1.6.3 | N/A | <ul style="list-style-type: none"> + An appropriate planning to react to and recover from crisis situations exists. <ul style="list-style-type: none"> - The required resources are available. + Responsibilities and authority for crisis management within the organization are defined, documented, and assigned. + The responsible employees are defined and qualified for their task. | Functional | Subset Of | Incident Handling | IRO-02 | Mechanisms exist to cover: <ol style="list-style-type: none"> (1) Preparation; (2) Automated event detection or manual incident report intake; (3) Analysis; (4) Containment; (5) Eradication; and (6) Recovery. | 10 | |
| | | | Functional | Intersects With | Incident Response Plan (IRP) | IRO-04 | Mechanisms exist to maintain and make available a current and viable Incident Response Plan (IRP) to all stakeholders. | 5 | |
| | | | Functional | Intersects With | Integrated Security Incident Response Team (ISIRT) | IRO-07 | Mechanisms exist to establish an integrated team of cybersecurity, IT and business function representatives that are capable of addressing cybersecurity & data privacy incident response operations. | 5 | |
| 2 | Human Resources | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 2.1.1 | N/A | <ul style="list-style-type: none"> + Sensitive work fields and jobs are determined. + The requirements for employees with respect to their job profiles are determined and fulfilled. + The identity of potential employees is verified (e.g. checking identity documents). | Functional | Intersects With | Position Categorization | HRS-02 | 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 | Users With Elevated Privileges | HRS-02.1 | Mechanisms exist to ensure that every user accessing a system that processes, stores, or transmits sensitive information is cleared and regularly trained to handle the information in question. | 5 | |
| | | | Functional | Intersects With | Roles & Responsibilities | HRS-03 | Mechanisms exist to define cybersecurity roles & responsibilities for all personnel. | 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 | |
| | | | 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 | Roles With Special Protection Measures | HRS-04.1 | 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 | |
| 2.1.2 | N/A | <ul style="list-style-type: none"> + A non-disclosure obligation is in effect. + An obligation to comply with the information security policies is in effect. | Functional | Intersects With | Terms of Employment | HRS-05 | 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 | Mechanisms exist to require internal and third-party users to sign appropriate access agreements prior to being granted access. | 5 | |

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| | | | Functional | Intersects With | Confidentiality Agreements | HRS-06.1 | Mechanisms exist to require Non-Disclosure Agreements (NDAs) or similar confidentiality agreements that reflect the needs to protect data and operational details, or both employees and third-parties. | 5 | |
| 2.1.3 | N/A | + Employees are trained and made aware. | Functional | Intersects With | User Awareness | HRS-03.1 | Mechanisms exist to communicate with users about their roles and responsibilities to maintain a safe and secure working environment. | 5 | |
| | | | Functional | Subset Of | Cybersecurity & Data Privacy Awareness Training | SAT-02 | Mechanisms exist to provide all employees and contractors appropriate awareness education and training that is relevant for their job function. | 10 | |
| 2.1.4 | N/A | + The requirements for teleworking are determined and fulfilled. The following aspects are considered: - Secure handling of and access to information (in both electronic and paper form) while considering the protection needs and the contractual requirements applying to private (e.g. home office) and public surroundings (e.g. during travels), - Behavior in private surroundings, - Behavior in public surroundings, - Measures for protection from theft (e.g. in public surroundings). + The organization's network is accessed via a secured connection (e.g. VPN) and strong authentication. | Functional | Intersects With | Remote Access | NET-14 | Mechanisms exist to define, control and review organization-approved, secure remote access methods. | 5 | |
| | | | Functional | Intersects With | Work From Anywhere (WFA) - Telecommuting Security | NET-14.5 | Mechanisms exist to define secure telecommuting practices and govern remote access to systems and data for remote workers. | 5 | |
| | | | Functional | Intersects With | Role-Based Cybersecurity & Data Privacy Training | SAT-03 | Mechanisms exist to provide role-based cybersecurity & data privacy-related training: • Before authorizing access to the system or performing assigned duties; • When required by system changes; and • Annually thereafter. | 5 | |
| | | | Functional | Intersects With | Sensitive Information Storage, Handling & Processing | SAT-03.3 | Mechanisms exist to ensure that every user accessing a system processing, storing or transmitting sensitive information is formally trained in data handling requirements. | 5 | |
| | | | Functional | Intersects With | Cyber Threat Environment | SAT-03.6 | Mechanisms exist to provide role-based cybersecurity & data privacy awareness training that is current and relevant to the cyber threats that users might encounter in day-to-day business operations. | 5 | |
| 3 | Physical Security | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 3.1.1 | N/A | + A security zone concept including the associated protective measures based on the requirements for the handling of information assets is in place: - Physical conditions (e.g. premises / buildings / spaces) are considered in the definition of security zones, - This also includes delivery and shipping areas. + The defined protective measures are implemented. + The code of conduct for security zones is known to all persons involved. | Functional | Equal | Zone-Based Physical Security | PES-01.2 | Mechanisms exist to implement a zone-based approach to physical security. | 10 | |
| 3.1.2 | Superseded by 1.6.3, 5.2.8 and 5.2.9 | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 3.1.3 | N/A | + The requirements for the handling of supporting assets (e.g. transport, storage, repair, loss, return, disposal) are determined and fulfilled. | Functional | Intersects With | Asset Governance | AST-01 | Mechanisms exist to facilitate an IT Asset Management (ITAM) program to implement and manage asset management controls. | 5 | |
| | | | Functional | Intersects With | Secure Disposal, Destruction or Re-Use of Equipment | AST-09 | Mechanisms exist to securely dispose of, destroy or repurpose system components using organization-defined techniques and methods to prevent information being recovered from these components. | 5 | |
| | | | Functional | Intersects With | Prevent Unauthorized Removal | MNT-04.3 | Mechanisms exist to prevent or control the removal of equipment undergoing maintenance that containing organizational information. | 5 | |
| | | | Functional | Intersects With | Delivery & Removal | PES-10 | Physical security mechanisms exist to isolate information processing facilities from points such as delivery and loading areas and other points to avoid unauthorized access. | 5 | |
| 3.1.4 | N/A | + The requirements for mobile IT devices and mobile data storage devices are determined and fulfilled. The following aspects are considered: - Encryption, - Access protection (e.g. PIN, password), - Marking (also considering requirements for use in the presence of customers). | Functional | Intersects With | System Hardening Through Baseline Configurations | CFG-02 | Mechanisms exist to develop, document and maintain secure baseline configurations for technology platforms that are consistent with industry-accepted system hardening standards. | 5 | |
| | | | Functional | Intersects With | Centralized Management Of Mobile Devices | MDM-01 | Mechanisms exist to implement and govern Mobile Device Management (MDM) controls. | 5 | |
| 4 | Identity and Access Management | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 4.1 | Identity Management | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 4.1.1 | N/A | + The requirements for the handling of identification means over the entire lifecycle are determined and fulfilled. The following aspects are considered: - Creation, handover, return and destruction, - Validity periods, - Traceability, - Handling of loss. | Functional | Subset Of | Identity & Access Management (IAM) | IAC-01 | Mechanisms exist to facilitate the implementation of identification and access management controls. | 10 | |
| 4.1.2 | N/A | + The procedures for user authentication have been selected based on a risk assessment. Possible attack scenarios have been considered (e.g. direct accessibility via the internet). + State of the art procedures for user authentication are applied. | Functional | Intersects With | Identification & Authentication for Organizational Users | IAC-02 | Mechanisms exist to uniquely identify and centrally Authenticate, Authorize and Audit (AAA) organizational users and processes acting on behalf of organizational users. | 5 | |
| | | + The creating, changing, and deleting of user accounts is conducted. + Unique and personalized user accounts are used. + The use of "collective accounts" is regulated (e.g. restricted to cases where traceability of actions is dispensable). + User accounts are disabled immediately after the user has resigned from or left the organization (e.g. upon termination of the employment contract). + User accounts are regularly reviewed. + The login information is provided to the user in a secure manner. + A policy for the handling of login information is defined and implemented. The following aspects are considered: - No disclosure of login information to third parties - not even to persons of authority - under observation of legal parameters - No writing down or unencrypted storing of login information - Immediate changing of login information whenever potential compromising is suspected - No use of identical login information for business and non-business purposes - Changing of temporary or initial login information following the 1st login - Requirements for the quality of authentication information (e.g. length of password, types of characters to be used). + The login information (e.g. passwords) of a personalized user account must be known to the assigned user only. | Functional | Intersects With | Identification & Authentication for Organizational Users | IAC-02 | Mechanisms exist to uniquely identify and centrally Authenticate, Authorize and Audit (AAA) organizational users and processes acting on behalf of organizational users. | 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) |
|-------|------------------------------|--|----------------|-------------------|---|----------|---|-------------------------------------|------------------|
| 4.1.3 | N/A | | Functional | Intersects With | User Provisioning & De-Provisioning | IAC-07 | Mechanisms exist to utilize a formal user registration and de-registration process that governs the assignment of access rights. | 5 | |
| | | | Functional | Intersects With | Restrictions on Shared Groups / Accounts | IAC-15.5 | Mechanisms exist to authorize the use of shared/group accounts only under certain organization-defined conditions. | 5 | |
| | | | Functional | Intersects With | Protection of Authenticators | IAC-10.5 | Mechanisms exist to protect authenticators commensurate with the sensitivity of the information to which use of the authenticator permits access. | 5 | |
| | | | Functional | Intersects With | Default Authenticators | IAC-10.8 | Mechanisms exist to ensure vendor-supplied defaults are changed as part of the installation process. Mechanisms exist to ensure default authenticators are changed as part of account creation or system installation. | 5 | |
| 4.2 | Access Management | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 4.2.1 | N/A | + The requirements for the management of access rights (authorization) are determined and fulfilled. The following aspects are considered: - Procedure for application, verification, and approval, - Applying the minimum ("need-to-know"/"least privilege") principle. - Access rights are revoked when no longer needed + The access rights granted for normal and privileged user accounts and technical accounts are reviewed at regular intervals also within IT systems of customers. | Functional | Intersects With | User Provisioning & De-Provisioning | IAC-07 | Mechanisms exist to utilize a formal user registration and de-registration process that governs the assignment of access rights. | 5 | |
| | | | Functional | Intersects With | Role-Based Access Control (RBAC) | IAC-08 | Mechanisms exist to enforce a Role-Based Access Control (RBAC) policy over users and resources that applies need-to-know and fine-grained access control for sensitive/regulated data access. | 5 | |
| | | | Functional | Intersects With | Periodic Review of Account Privileges | IAC-17 | Mechanisms exist to periodically-review the privileges assigned to individuals and service accounts to validate the need for such privileges and reassign or remove unnecessary privileges, as necessary. | 5 | |
| | | | Functional | Intersects With | Least Privilege | IAC-21 | Mechanisms exist to utilize the concept of least privilege, allowing only authorized access to processes necessary to accomplish assigned tasks in accordance with organizational business functions. | 5 | |
| | | | Functional | Intersects With | Management Approval For New or Changed Accounts | IAC-28.1 | Mechanisms exist to ensure management approvals are required for new accounts or changes in permissions to existing accounts. | 5 | |
| 5 | IT Security / Cyber Security | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |

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|-------|---------------------|---|----------------|-------------------|---|----------|---|-------------------------------------|------------------|
| 5.1 | Cryptography | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 5.1.1 | N/A | + All cryptographic procedures used (e.g. encryption, signature, and hash algorithms, protocols) provide the security required by the respective application field according to the recognized industry standard, - to the extent legally feasible. | Functional | Subset Of | Use of Cryptographic Controls | CRY-01 | Mechanisms exist to facilitate the implementation of cryptographic protections controls using known public standards and trusted cryptographic technologies. | 10 | |
| 5.1.2 | N/A | + The network services used to transfer information are identified and documented. + Policies and procedures in accordance with the classification requirements for the use of network services are defined and implemented. + Measures for the protection of transferred contents against unauthorized access are implemented. | Functional | Intersects With | Data Protection | DCH-01 | Mechanisms exist to facilitate the implementation of data protection controls. | 5 | |
| | | | Functional | Intersects With | Data & Asset Classification | DCH-02 | Mechanisms exist to ensure data and assets are categorized in accordance with applicable statutory, regulatory and contractual requirements. | 5 | |
| | | | Functional | Intersects With | Network Security Controls (NSC) | NET-01 | Mechanisms exist to develop, govern & update procedures to facilitate the implementation of Network Security Controls (NSC). | 5 | |
| 5.2 | Operations Security | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 5.2.1 | N/A | + Information security requirements for changes to the organization, business processes, IT systems are determined and applied. | Functional | Intersects With | Change Management Program | CHG-01 | Mechanisms exist to facilitate the implementation of a change management program. | 5 | |
| | | | Functional | Intersects With | Configuration Change Control | CHG-02 | Mechanisms exist to govern the technical configuration change control processes. | 5 | |
| 5.2.2 | N/A | + The IT systems have been subjected to risk assessment in order to determine the necessity of their separation into development, testing and operational systems. + A segmentation is implemented based on the results of risk analysis. | Functional | Intersects With | Cybersecurity & Data Privacy Representative for Asset Lifecycle Changes | CHG-02.3 | Mechanisms exist to include a cybersecurity and/or data privacy representative in the configuration change control review process. | 5 | |
| | | | Functional | Intersects With | Security Impact Analysis for Changes | CHG-03 | Mechanisms exist to analyze proposed changes for potential security impacts, prior to the implementation of the change. | 5 | |
| 5.2.3 | N/A | + Requirements for protection against malware are determined. + Technical and organizational measures for protection against malware are defined and implemented. | Functional | Intersects With | Endpoint Protection Measures | END-02 | Mechanisms exist to protect the confidentiality, integrity, availability and safety of endpoint devices. | 5 | |
| | | | Functional | Subset Of | Malicious Code Protection (Anti-Malware) | END-04 | Mechanisms exist to utilize antimalware technologies to detect and eradicate malicious code. | 10 | |
| 5.2.4 | N/A | + Information security requirements regarding the handling of event logs are determined and fulfilled. + Security-relevant requirements regarding the logging of activities of system administrators and users are determined and fulfilled. + The IT systems used are assessed regarding the necessity of logging. + When using external IT services, information on the monitoring options is obtained and considered in the assessment. + Event logs are checked regularly for rule violations and noticeable problems in compliance with the permissible legal and organizational provisions. | Functional | Intersects With | Continuous Monitoring | MON-01 | Mechanisms exist to facilitate the implementation of enterprise-wide monitoring controls. | 5 | |
| | | | Functional | Intersects With | System Generated Alerts | MON-01.4 | Mechanisms exist to generate, monitor, correlate and respond to alerts from physical, cybersecurity, data privacy and supply chain activities to achieve integrated situational awareness. | 5 | |
| | | | Functional | Intersects With | Centralized Collection of Security Event Logs | MON-02 | Mechanisms exist to utilize a Security Incident Event Manager (SIEM), or similar automated tool, to support the centralized collection of security-related event logs. | 5 | |
| | | | Functional | Intersects With | Correlate Monitoring Information | MON-02.1 | Automated mechanisms exist to correlate both technical and non-technical information from across the enterprise by a Security Incident Event Manager (SIEM) or similar automated tool, to enhance organization-wide situational awareness. | 5 | |
| | | | Functional | Intersects With | Central Review & Analysis | MON-02.2 | Automated mechanisms exist to centrally collect, review and analyze audit records from multiple sources. | 5 | |
| 5.2.5 | N/A | + Information on technical vulnerabilities for the IT systems in use is gathered (e.g. information from the manufacturer, system audits, CVE database) and evaluated (e.g. Common Vulnerability Scoring System CVSS) + Potentially affected IT systems and software are identified, assessed and any vulnerabilities are addressed. | Functional | Intersects With | Threat Intelligence Feeds | THR-03 | Mechanisms exist to maintain situational awareness of vulnerabilities and evolving threats by leveraging the knowledge of attacker tactics, techniques and procedures to facilitate the implementation of preventative and compensating controls. | 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 | Vulnerability Remediation Process | VPM-02 | Mechanisms exist to ensure that vulnerabilities are properly identified, tracked and remediated. | 5 | |
| | | | Functional | Intersects With | Vulnerability Ranking | VPM-03 | Mechanisms exist to identify and assign a risk ranking to newly discovered security vulnerabilities using reputable outside sources for security vulnerability information. | 5 | |
| | | | Functional | Intersects With | Vulnerability Exploitation Analysis | VPM-03.1 | Mechanisms exist to identify, assess, prioritize and document the potential impact(s) and likelihood(s) of applicable internal and external threats exploiting known vulnerabilities. | 5 | |
| 5.2.6 | N/A | + Requirements for auditing IT systems or services are determined. + The scope of the system audit is specified in a timely manner. + System or service audits are coordinated with the operator and users of the IT systems or services. + The results of system or service audits are stored in a traceable manner and reported to the relevant management. + Measures are derived from the results. | Functional | Intersects With | Cybersecurity & Data Protection Controls Oversight | CPL-02 | Mechanisms exist to provide a cybersecurity & data protection controls oversight function that reports to the organization's executive leadership. | 5 | |
| | | | 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 | |

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| 5.2.6 | N/A | | Functional | Intersects With | Cybersecurity & Data Protection Assessments | CPL-03 | Mechanisms exist to ensure managers regularly review the processes and documented procedures within their area of responsibility to adhere to appropriate cybersecurity & data protection policies, standards and other applicable requirements. | 5 | |
| | | | Functional | Intersects With | Functional Review Of Cybersecurity & Data Protection Controls | CPL-03.2 | Mechanisms exist to regularly review technology assets for adherence to the organization's cybersecurity & data protection policies and standards. | 5 | |
| 5.2.7 | N/A | + Requirements for the management and control of networks are determined and fulfilled. + Requirements regarding network segmentation are determined and fulfilled. | Functional | Intersects With | Network Security Controls (NSC) | NET-01 | Mechanisms exist to develop, govern & update procedures to facilitate the implementation of Network Security Controls (NSC). | 5 | |
| | | | Functional | Intersects With | Network Segmentation (macrosegmentation) | NET-06 | Mechanisms exist to ensure network architecture utilizes network segmentation to isolate systems, applications and services that protections from other network resources. | 5 | |
| 5.2.8 | N/A | + Critical IT services are identified, and business impact is considered. + Requirements and responsibilities for continuity and recovery of those IT services are known to relevant stakeholders and fulfilled. | Functional | Intersects With | Business Continuity Management System (BCMS) | BCD-01 | Mechanisms exist to facilitate the implementation of contingency planning controls to help ensure resilient assets and services (e.g., Continuity of Operations Plan (COOP) or Business Continuity & Disaster Recovery (BC/DR) playbooks). | 5 | |
| | | | Functional | Intersects With | Identify Critical Assets | BCD-02 | Mechanisms exist to identify and document the critical systems, applications and services that support essential missions and business functions. | 5 | |
| 5.2.9 | N/A | + Backup concepts exist for relevant IT systems. The following aspects are considered: - Appropriate protective measures to ensure confidentiality, integrity, and availability for data backups. + Recovery concepts exist for relevant IT services. | Functional | Subset Of | Data Backups | BCD-11 | Mechanisms exist to create recurring backups of data, software and/or system images, as well as verify the integrity of these backups, to ensure the availability of the data to satisfying Recovery Time Objectives (RTOs) and Recovery Point Objectives (RPOs). | 10 | |
| 5.3 | System acquisitions, requirement management and development | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 5.3.1 | N/A | + The information security requirements associated with the design and development of IT systems are determined and considered. + The information security requirements associated with the acquisition or extension of IT systems and IT components are determined and considered. + Information security requirements associated with changes to developed IT systems are considered. + System approval tests are carried out under consideration of the information security requirements. | Functional | Intersects With | Configuration Management Program | CFG-01 | Mechanisms exist to facilitate the implementation of configuration management controls. | 5 | |
| | | | Functional | Intersects With | Security Impact Analysis for Changes | CHG-03 | Mechanisms exist to analyze proposed changes for potential security impacts, prior to the implementation of the change. | 5 | |
| | | | Functional | Intersects With | Operationalizing Cybersecurity & Data Protection Practices | GOV-15 | Mechanisms exist to compel data and/or process owners to operationalize cybersecurity & data privacy practices for each system, application and/or service under their control. | 5 | |
| | | | Functional | Intersects With | Select Controls | GOV-15.1 | Mechanisms exist to compel data and/or process owners to select required cybersecurity & data privacy controls for each system, application and/or service under their control. | 5 | |
| | | | Functional | Intersects With | Implement Controls | GOV-15.2 | Mechanisms exist to compel data and/or process owners to implement required cybersecurity & data privacy controls for each system, application and/or service under their control. | 5 | |
| | | | 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 | |
| | | | Functional | Intersects With | Authorize Systems, Applications & Services | GOV-15.4 | Mechanisms exist to compel data and/or process owners to obtain authorization for the production use of each system, application and/or service under their control. | 5 | |
| | | | Functional | Intersects With | Assessments | IAO-02 | 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 expected requirements. | 5 | |
| | | | Functional | Intersects With | Cybersecurity & Data Privacy In Project Management | PRM-04 | 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 requirements. | 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. | 5 | |
| | | | Functional | Intersects With | Secure Engineering Principles | SEA-01 | Mechanisms exist to facilitate the implementation of industry-recognized cybersecurity & data privacy practices in the specification, design, development, implementation and modification of systems and services. | 5 | |

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|-------|-------------------------------------|--|----------------|-------------------|---|----------|--|-------------------------------------|------------------|
| | | | Functional | Intersects With | Centralized Management of Cybersecurity & Data Privacy Controls | SEA-01.1 | Mechanisms exist to centrally-manage the organization-wide management and implementation of cybersecurity & data privacy controls and related processes. | 5 | |
| | | | Functional | Intersects With | Alignment With Enterprise Architecture | SEA-02 | Mechanisms exist to develop an enterprise architecture, aligned with industry-recognized leading practices, with consideration for cybersecurity & data privacy principles that addresses risk to organizational operations, assets, individuals, other organizations. | 5 | |
| 5.3.2 | N/A | + Requirements regarding the information security of network services are determined and fulfilled. | Functional | Subset Of | Operationalizing Cybersecurity & Data Protection Practices | GOV-15 | Mechanisms exist to compel data and/or process owners to operationalize cybersecurity & data privacy practices for each system, application and/or service under their control. | 10 | |
| | | | Functional | Intersects With | Select Controls | GOV-15.1 | Mechanisms exist to compel data and/or process owners to select required cybersecurity & data privacy controls for each system, application and/or service under their control. | 5 | |
| | | | Functional | Intersects With | Implement Controls | GOV-15.2 | Mechanisms exist to compel data and/or process owners to implement required cybersecurity & data privacy controls for each system, application and/or service under their control. | 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 | |
| 5.3.3 | N/A | + A procedure for the return and secure removal of information assets from each external IT service is defined and implemented. | Functional | Intersects With | Asset Governance | AST-01 | Mechanisms exist to facilitate an IT Asset Management (ITAM) program to implement and manage asset management controls. | 5 | |
| | | | Functional | Intersects With | Updates During Installations / Removals | AST-02.1 | Mechanisms exist to update asset inventories as part of component installations, removals and asset upgrades. | 5 | |
| | | | Functional | Intersects With | Delivery & Removal | PES-10 | Physical security mechanisms exist to isolate information processing facilities from points such as delivery and loading areas and other points to avoid unauthorized access. | 5 | |
| 5.3.4 | N/A | + Effective segregation (e.g. segregation of clients) prevents access to own information by unauthorized users of other organizations. | Functional | Intersects With | Access To Information Systems | PES-03.4 | Physical access control mechanisms exist to enforce physical access to critical information systems or sensitive/regulated data, in addition to the physical access controls for the facility. | 5 | |
| | | | Functional | Intersects With | Physical Security of Offices, Rooms & Facilities | PES-04 | Mechanisms exist to identify systems, equipment and respective operating environments that require limited physical access so that appropriate physical access controls are designed and implemented for offices, rooms and facilities. | 5 | |
| | | | Functional | Intersects With | On-Site Client Segregation | PES-18 | Mechanisms exist to ensure client-specific Intellectual Property (IP) is isolated from other data when client-specific IP is processed or stored within multi-client workspaces. | 5 | |
| 6 | Supplier Relationships | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 6.1.1 | N/A | + Contractors and cooperation partners are subjected to a risk assessment with regard to information security. + An appropriate level of information security is ensured by contractual agreements with contractors and cooperation partners. + Where applicable, contractual agreements with clients are passed on to contractors and cooperation partners. + Compliance with contractual agreements is verified. | Functional | Intersects With | Third-Party Risk Assessments & Approvals | TPM-04.1 | Mechanisms exist to conduct a risk assessment prior to the acquisition or outsourcing of technology-related services. | 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 | |
| | | | Functional | Intersects With | Contract Flow-Down Requirements | TPM-05.2 | Mechanisms exist to ensure cybersecurity & data privacy requirements are included in contracts that flow-down to applicable sub-contractors and suppliers. | 5 | |
| | | | Functional | Intersects With | Review of Third-Party Services | TPM-08 | Mechanisms exist to monitor, regularly review and assess External Service Providers (ESPs) for compliance with established contractual requirements for cybersecurity & data privacy controls. | 5 | |
| 6.1.2 | N/A | + The non-disclosure requirements are determined and fulfilled. + Requirements and procedures for applying non-disclosure agreements are known to all persons passing on information in need of protection. + Valid non-disclosure agreements are concluded prior to forwarding sensitive information. + The requirements and procedures for the use of non-disclosure agreements and the handling of information requiring protection are reviewed at regular intervals. | Functional | Equal | Confidentiality Agreements | HRS-06.1 | Mechanisms exist to require Non-Disclosure Agreements (NDAs) or similar confidentiality agreements that reflect the needs to protect data and operational details, or both employees and third-parties. | 10 | |
| 7 | Compliance | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 7.1.1 | N/A | + Legal, regulatory, and contractual provisions of relevance to information security (see examples) are determined at regular intervals. + Policies regarding compliance with the provisions are defined, implemented, and communicated to the responsible persons. | 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 | Statutory, Regulatory & Contractual Compliance | CPL-01 | Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls. | 5 | |
| 7.1.2 | N/A | + Legal and contractual information security requirements regarding the procedures and processes in the processing of personally identifiable data are determined. + Regulations regarding the compliance with legal and contractual requirements for the protection of personally identifiable data are defined and known to the entrusted persons. + Processes and procedures for the protection of personally identifiable data are considered in the information security management system. | 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 | Statutory, Regulatory & Contractual Compliance | CPL-01 | Mechanisms exist to facilitate the identification and implementation of relevant statutory, regulatory and contractual controls. | 5 | |
| | | | Functional | Intersects With | Data Privacy Program | PRI-01 | Mechanisms exist to facilitate the implementation and operation of data privacy controls. | 5 | |
| | | | Functional | Intersects With | Security of Personal Data | PRI-01.6 | Mechanisms exist to ensure Personal Data (PD) is protected by security safeguards that are sufficient and appropriately scoped to protect the confidentiality and integrity of the PD. | 5 | |
| 8 | Prototype Protection | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.1 | Physical and Environmental Security | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |

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| 8.1.1 | N/A | + A security concept under consideration of the following aspects is established: - stability of outer skin, - view and sight protection, - protection against unauthorized entry and access control, - intrusion monitoring, - documented visitor management, - client segregation. | Functional | Intersects With | Security Concept Of Operations (CONOPS) | OPS-02 | Mechanisms exist to develop a security Concept of Operations (CONOPS), or a similarly-defined plan for achieving cybersecurity objectives, that documents management, operational and technical measures implemented to apply defense-in-depth techniques that is communicated to all appropriate stakeholders. | 3 | |
| | | | Functional | Intersects With | Site Security Plan (SitePlan) | PES-01.1 | Mechanisms exist to document a Site Security Plan (SitePlan) for each server and communications room to summarize the implemented security controls to protect physical access to technology assets, as well as applicable risks and threats. | 3 | |
| 8.1.2 | N/A | + Unauthorized access to properties is not possible. | Functional | Subset Of | Physical & Environmental Protections | PES-01 | Mechanisms exist to facilitate the operation of physical and environmental protection controls. | 10 | |
| 8.1.3 | N/A | + Unauthorized access to buildings/security areas is not possible. | Functional | Subset Of | Physical Access Control | PES-03 | Physical access control mechanisms exist to enforce physical access authorizations for all physical access points (including designated entry/exit points) to facilities (excluding those areas within the facility officially designated as publicly accessible). | 10 | |
| 8.1.4 | N/A | + Unauthorized viewing of new developments needing high or very high protection is not possible. | Functional | Subset Of | Equipment Siting & Protection | PES-12 | Physical security mechanisms exist to locate system components within the facility to minimize potential damage from physical and environmental hazards and to minimize the opportunity for unauthorized access. | 10 | |
| 8.1.5 | N/A | + At least one of the following three requirements must be implemented: - mechanical locks with documented key assignment, - electronic access systems with documented authorization assignment, - personal access control including documentation. | Functional | Subset Of | Physical Security of Offices, Rooms & Facilities | PES-04 | Mechanisms exist to identify systems, equipment and respective operating environments that require limited physical access so that appropriate physical access controls are designed and implemented for offices, rooms and facilities. | 10 | |
| 8.1.6 | N/A | + Intrusion monitoring of the premises to be secured is ensured: - An intrusion detection system exists which complies with DIN EN 50131 or conforms to VDS or similar and functions with alarm tracking to a certified security service or control unit (e.g., according to DIN 77200, VdS 3138), - or 24/7 guarding by a certified security service. + Alarm plans are available. + Timely alarm processing is ensured. | Functional | Intersects With | Monitoring Physical Access | PES-05 | Physical access control mechanisms exist to monitor for, detect and respond to physical security incidents. | 5 | |
| | | | Functional | Intersects With | Intrusion Alarms / Surveillance Equipment | PES-05.1 | Physical access control mechanisms exist to monitor physical intrusion alarms and surveillance equipment. | 5 | |
| 8.1.7 | N/A | + Registration obligation for all visitors. + Documented non-disclosure obligation prior to access. + Publication of security and visitor regulations. + Country-specific legal provisions regarding data protection are to be observed. | Functional | Equal | Visitor Control | PES-06 | Physical access control mechanisms exist to identify, authorize and monitor visitors before allowing access to the facility (other than areas designated as publicly accessible). | 10 | |
| 8.1.8 | N/A | + Spatial separation by staff-related or technical measures is in effect according to the following aspects: - customers, and/or - projects, - where segregation is not in effect, explicit approval by the customer is required. | Functional | Intersects With | Physical Security of Offices, Rooms & Facilities | PES-04 | Mechanisms exist to identify systems, equipment and respective operating environments that require limited physical access so that appropriate physical access controls are designed and implemented for offices, rooms and facilities. | 5 | |
| | | | Functional | Intersects With | On-Site Client Segregation | PES-18 | Mechanisms exist to ensure client-specific Intellectual Property (IP) is isolated from other data when client-specific IP is processed or stored within multi-client workspaces. | 5 | |
| 8.2 | Organizational Requirements | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.2.1 | N/A | + A non-disclosure agreement: - between contractor and customer (company level), - with all employees and project members (personal obligation). + Country-specific legal provisions regarding data protection are to be observed. | Functional | Subset Of | 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. | 10 | |
| 8.2.2 | N/A | + Approval by the original customer. + contractually valid non-disclosure agreement exists: - between contractor and subcontractor (company level), - with all employees and project members of the subcontractor (personal obligation). + Ensuring compliance with the security requirements of the actual customer (proof is obtained). + Proof of the subcontractor's compliance with minimum requirements for prototype protection (e.g., certificate, attestation) is provided. | Functional | Subset Of | 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. | 10 | |
| | | | Functional | Intersects With | First-Party Declaration (1PD) | TPM-05.6 | Mechanisms exist to obtain a First-Party Declaration (1PD) from applicable External Service Providers (ESPs) that provides assurance of compliance with specified statutory, regulatory and contractual obligations for cybersecurity & data privacy controls, including any flow-down requirements to subcontractors. | 3 | |
| | | | Functional | Intersects With | Third-Party Attestation | TPM-05.8 | Mechanisms exist to obtain an attestation from an independent Third-Party Assessment Organization (3PAO) that provides assurance of conformity with specified statutory, regulatory and contractual obligations for cybersecurity & data privacy controls, including any flow-down requirements to contractors and subcontractors. | 3 | |
| 8.2.3 | N/A | + Ensuring execution of trainings / awareness programs by the management. + Training of employees and project members when joining the project regarding the handling of prototypes. + Regular (at least annual) training of employees regarding the handling of prototypes. + Ensuring knowledge among employees and project members regarding the respective protection needs and the resulting measures within the company. + Mandatory participation of each employee and project member in the trainings and awareness measures. + The completed measures are to be documented. + The training concept for prototype protection is an integral part of the general training concept (see also control question 2.1.3 Information Security). | Functional | Subset Of | Cybersecurity & Data Privacy-Minded Workforce | SAT-01 | Mechanisms exist to facilitate the implementation of security workforce development and awareness controls. | 10 | |
| | | | Functional | Intersects With | Cybersecurity & Data Privacy Awareness Training | SAT-02 | Mechanisms exist to provide all employees and contractors appropriate awareness education and training that is relevant for their job function. | 8 | |
| | | | Functional | Intersects With | Cybersecurity & Data Privacy Training Records | SAT-04 | Mechanisms exist to document, retain and monitor individual training activities, including basic cybersecurity & data privacy awareness training, ongoing awareness training and specific-system training. | 5 | |

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|-------|---|---|----------------|-------------------|--|----------|---|-------------------------------------|------------------|
| 8.2.4 | N/A | + Ensuring that the security classification and requirements in relation to the project progress are made known to each project member. + Consideration of step-by-step plans, measures for secrecy and camouflage, development policies. + The requirements are considered as a requirement regarding the information security of the project (see Controls 1.2.3 and 7.1.1 Information Security). | 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 | |
| | | | Functional | Intersects With | Data & Asset Classification | DCH-02 | Mechanisms exist to ensure data and assets are categorized in accordance with applicable statutory, regulatory and contractual requirements. | 5 | |
| 8.2.5 | N/A | + Responsibilities for access authorization are clearly specified and documented. + A process for new assignments, changes and revocations of access rights is in place. + Code of conduct in case of the loss/theft of access control means. | Functional | Intersects With | Human Resources Security Management | HRS-01 | Mechanisms exist to facilitate the implementation of personnel security controls. | 5 | |
| | | | Functional | Intersects With | Rules of Behavior | HRS-05.1 | Mechanisms exist to define acceptable and unacceptable rules of behavior for the use of technologies, including consequences for unacceptable behavior. | 5 | |
| | | | Functional | Intersects With | User Provisioning & De-Provisioning | IAC-07 | Mechanisms exist to utilize a formal user registration and de-registration process that governs the assignment of access rights. | 5 | |
| 8.2.6 | N/A | + Approval procedures for image recording. + Specification for classification/categorization of image material. + Secure storage of image material. + Secure deletion/disposal of image material no longer required. + Secured transmission/shipping of image material to authorized recipients only. | 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 | |
| | | | 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 | Data & Asset Classification | DCH-02 | Mechanisms exist to ensure data and assets are categorized in accordance with applicable statutory, regulatory and contractual requirements. | 5 | |
| | | | Functional | Intersects With | Media Storage | DCH-06 | Mechanisms exist to: (1) Physically control and securely store digital and non-digital media within controlled areas using organization-defined security measures; and (2) Protect system media until the media are destroyed or sanitized using approved equipment, techniques and procedures. | 5 | |
| | | | Functional | Intersects With | Sanitization of Personal Data (PD) | DCH-09.3 | Mechanisms exist to facilitate the sanitization of Personal Data (PD). | 5 | |
| | | | Functional | Intersects With | Notice of Collection | END-13.2 | Mechanisms exist to notify individuals that Personal Data (PD) is collected by sensors. | 5 | |
| 8.2.7 | N/A | + Specification for carrying along (e.g., sealed/unsealed, etc.). + Specification for use (e.g., phone calls, photography, etc.). | Functional | Intersects With | Custodians | DCH-07.1 | Mechanisms exist to identify custodians throughout the transport of digital or non-digital media. | 5 | |
| | | | Functional | Intersects With | Rules of Behavior | HRS-05.1 | Mechanisms exist to define acceptable and unacceptable rules of behavior for the use of technologies, including consequences for unacceptable behavior. | 5 | |
| 8.3 | Handling of vehicles, components, and parts | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.3.1 | N/A | + A process for obtaining customer-specific requirements for the transport of vehicles, components and parts classified as requiring protection is described and implemented. + The security requirements defined by the customer are known and observed. + The logistics/transport companies explicitly approved by the customer are commissioned. + A process for reporting any security-relevant events to the customer is described and implemented. | 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 | 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 | |
| | | | Functional | Intersects With | Security Compromise Notification Agreements | TPM-05.1 | Mechanisms exist to compel External Service Providers (ESPs) to provide notification of actual or potential compromises in the supply chain that can potentially affect or have adversely affected systems, applications and/or services that the organization utilizes. | 5 | |
| 8.3.2 | N/A | + The customer-specific requirements for parking/storage are verifiably known and observed. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.4 | Requirements for trial vehicles | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.4.1 | N/A | + The requirements for using the respective camouflage are known to the project members. + Any changes to the camouflage are made upon documented agreement with the customer. + A process for the immediate reporting of any damages to the camouflage is described and implemented. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.4.2 | N/A | + A process for obtaining customer-specific requirements for the use of trial vehicles classified as requiring protection on test and trial grounds is described and implemented. + The following aspects must be known to users of test and trial grounds: - a current list of customer-approved test and trial grounds - code of conduct for ensuring undisturbed trial operation - customer-defined protective measures These are implemented. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.4.3 | N/A | + A process for obtaining customer-specific requirements for the operation of test vehicles classified as requiring protection on public roads is described and implemented. + Protective measures defined by the customer are known and observed. + The code of conduct in case of special incidents (e.g., breakdown, accident, theft...) is known and observed. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.5 | Requirements for events and shootings | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.5.1 | N/A | + A process for obtaining customer-specific requirements for presentations and events involving vehicles, components or parts classified as requiring protection is described and implemented. + Established and customer-approved security concepts (organizationally, technically, staff-related). + Code of conduct in case of special incidents. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 8.5.2 | N/A | + A process for obtaining customer-specific requirements for film and photo shootings involving vehicles, components or parts classified as requiring protection is described and implemented. + Proof of approval for the presumably used premises. + Established and customer-approved security concepts (organizationally, technically, staff-related). + Code of conduct in case of special incidents. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |

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|-------|-----------------------------------|---|----------------|-------------------|---|----------|--|-------------------------------------|------------------|
| 9 | N/A | This is intentional invisible text for technical reasons. Please do not remove this text. | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.1 | Data Protection Policies | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.1.1 | N/A | + A policy is created, regularly updated, and approved by the organization's management. | Functional | Subset Of | Publishing Cybersecurity & Data Protection Documentation | GOV-02 | Mechanisms exist to establish, maintain and disseminate cybersecurity & data protection policies, standards and procedures. | 10 | |
| 9.2 | Organization of Data Protection | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.2.1 | N/A | + A data protection officer is appointed, if required by Art. 37 GDPR - Determination of whether the appointment of a data protection officer is voluntary or mandatory - otherwise determination of a data protection function or comparable + Publication of contact details (e.g. on the Internet) + Integration into the organization's structure + Exercise of the control obligations as defined in Art. 39 (1) (b) GDPR and corresponding documentation + Documentation of the data protection status and report to organization's top management + Equipped with sufficient capacities and resources - Determination of whether the data protection function is full-time or part-time - adequate professional qualification - regular professional training - access to specialist literature - support of the data protection officer by data protection coordinators in the companies organizational units, depending on the company size (e.g. marketing, sales, personnel, logistics, development, etc.) | Functional | Subset Of | Data Protection Officer (DPO) | PRI-01.4 | Mechanisms exist to appoint a Data Protection Officer (DPO): (1) Based on the basis of professional qualities; and (2) To be involved in all issues related to the protection of personal data. | 10 | |
| 9.3 | Processing directory | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.3.1 | N/A | + If required by law, a register of processing activities as defined in Article 30 (1) and/or (2) GDPR (in the latter case only information relating to the order, expressly not other information/details on internal processing) exists and is up to date. - Technical and organizational measures required for processing as required by the information security questionnaire are adequately implemented for the processing activities - There is a process description / sequence description with defined responsibilities. | Functional | Subset Of | Register As A Data Controller and/or Data Processor | PRI-15 | Mechanisms exist to register as a data controller and/or data processor, including registering databases containing Personal Data (PD) with the appropriate Data Authority, when necessary. | 10 | |
| 9.4 | Data protection impact assessment | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.4.1 | N/A | + Processing activities that require a data protection impact assessment are known. + Data protection impact assessments are carried out. - Responsibilities/tasks and support possibilities in the context of data protection impact assessments are defined and known. | Functional | Equal | Data Protection Impact Assessment (DPIA) | 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 identify and remediate reasonably-expected risks. | 10 | |
| 9.5 | Data transfers | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.5.1 | N/A | + Appropriate processes and workflows for the transmission of data are implemented (e.g. valid contracts within the meaning of Art. 28 GDPR, suitable transfer instruments like standard contractual clauses, transfer impact assessments, adequacy decisions) - Ensuring the consent or the right of objection of the person responsible for subcontracting | Functional | Subset Of | Binding Corporate Rules (BCR) | PRI-01.5 | Mechanisms exist to implement and manage Binding Corporate Rules (BCR) (e.g., data sharing agreement) to legally-bind all parties engaged in a joint economic activity that contractually states enforceable rights on data subjects with regard to the processing of their personal data. | 10 | |
| 9.5.2 | N/A | + Applicable contractual obligations to clients are passed on to subcontractors and cooperation partners (sub processors). + Compliance with contractual agreements is reviewed. - Contact details of the contact persons of the subcontractor are available and up to date. | Functional | Subset Of | Binding Corporate Rules (BCR) | PRI-01.5 | Mechanisms exist to implement and manage Binding Corporate Rules (BCR) (e.g., data sharing agreement) to legally-bind all parties engaged in a joint economic activity that contractually states enforceable rights on data subjects with regard to the processing of their personal data. | 10 | |
| | | | Functional | Intersects With | Authority To Collect, Use, Maintain & Share Personal Data | PRI-04.1 | Mechanisms exist to determine and document the legal authority that permits the collection, use, maintenance and sharing of Personal Data (PD), either generally or in support of a specific program or system need. | 5 | |
| | | | Functional | Intersects With | Information Sharing With Third Parties | PRI-07 | Mechanisms exist to disclose Personal Data (PD) to third-parties only for the purposes identified in the data privacy notice and with the implicit or explicit consent of the data subject. | 5 | |
| | | | Functional | Intersects With | Data Privacy Requirements for Contractors & Service Providers | PRI-07.1 | Mechanisms exist to include data privacy requirements in contracts and other acquisition-related documents that establish data privacy roles and responsibilities for contractors and service providers. | 8 | |
| 9.5.3 | N/A | + Transfers to third countries are known and systematically recorded. - e.g. through corresponding documentation in the processing directory + Sufficient guarantees (Chapter V GDPR, consideration of decisions of the ECJ on international data transfer, Transfer Impact Assessment in case of relevance, especially in the role of data exporter) are available for data transfers. + In the case of data transfers to third countries, it is determined whether the consent of the person responsible is to be obtained for each transfer to third countries. | Functional | Subset Of | Binding Corporate Rules (BCR) | PRI-01.5 | Mechanisms exist to implement and manage Binding Corporate Rules (BCR) (e.g., data sharing agreement) to legally-bind all parties engaged in a joint economic activity that contractually states enforceable rights on data subjects with regard to the processing of their personal data. | 10 | |
| 9.6 | Handling requests and incidents | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.6.1 | N/A | + Requests from data subjects are processed in a timely manner. - Procedures are in place to assist the controller in responding to data subject requests. - Employees are trained to the effect that they must immediately contact the respective person responsible in the event of an incoming request from a data subject and coordinate the further procedure with this person. | Functional | Equal | User Feedback Management | PRI-06.4 | Mechanisms exist to implement a process for receiving and responding to complaints, concerns or questions from data subjects about the organizational data privacy practices. | 10 | |
| 9.6.2 | N/A | + Data protection incidents (e.g. unauthorized access to personal data) are processed in a timely manner. + The requirements from 1.6 of the information security questionnaire also take into account data protection incidents or, alternatively, there is an emergency plan for dealing with data protection incidents. + In addition, procedures are established and documented to ensure the following aspects: - immediate notification to the respective responsible person, as far as his order is affected - Documentation of the incident handling activities - Training of employees on the defined measures/processes - Support of the respective controller in the processing of data protection incidents | Functional | Subset Of | Incident Handling | IRO-02 | Mechanisms exist to cover: (1) Preparation; (2) Automated event detection or manual incident report intake; (3) Analysis; (4) Containment; (5) Eradication; and (6) Recovery. | 10 | |
| | | | Functional | Intersects With | Incident Response Plan (IRP) | IRO-04 | Mechanisms exist to maintain and make available a current and viable Incident Response Plan (IRP) to all stakeholders. | 5 | |
| | | | Functional | Intersects With | Cyber Incident Reporting for Sensitive Data | IRO-10.2 | Mechanisms exist to report sensitive/regulated data incidents in a timely manner. | 5 | |
| 9.7 | Human Resources | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.7.1 | N/A | + Employees whose tasks include the processing of personal data are obliged to maintain confidentiality (even beyond the duration of the employment relationship) and to comply with applicable data protection laws. - The obligation is documented | Functional | Subset Of | Terms of Employment | HRS-05 | Mechanisms exist to require all employees and contractors to apply cybersecurity & data privacy principles in their daily work. | 10 | |

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|-------|--------------|---|----------------|-------------------|--|----------|---|-------------------------------------|------------------|
| 9.7.2 | N/A | <ul style="list-style-type: none"> + Employees are trained and sensitized. - Scope, frequency, and content of the training is determined according to the protection needs of the data - Employees in critical areas (e.g. IT administrators) are instructed and trained specifically for their work (e.g. specific training courses or instructions, short videos, etc.). | Functional | Intersects With | Defined Roles & Responsibilities | HRS-03 | Mechanisms exist to define cybersecurity roles & responsibilities for all personnel. | 5 | |
| | | | Functional | Intersects With | Role-Based Cybersecurity & Data Privacy Training | SAT-03 | Mechanisms exist to provide role-based cybersecurity & data privacy-related training: (1) Before authorizing access to the system or performing assigned duties; (2) When required by system changes; and (3) Annually thereafter. | 5 | |
| 9.8 | Instructions | N/A | Functional | no relationship | N/A | N/A | No applicable SCF control | N/A | |
| 9.8.1 | N/A | <ul style="list-style-type: none"> + The instructions by the controller regarding the processing of personal data are handled. + Procedures and measures are in place to ensure that: <ul style="list-style-type: none"> - Received instructions are documented - Instructions can be implemented (e.g. procedures for correcting, deleting, ...) - Data is separated by client and specific order or project | 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. | 8 | |
| | | | 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 product and/or service. | 8 | |