Alyne Content Library Overview of Control Sets and Assessments

AUGUST 2020





Alyne Library Summary

1137 DEFINED Control Statements

49

MAPPED Standards, Laws and Regulations

1017

INTERLINKED Risks associated with Control Statements

85 AVAILABLE Control Sets

59 PREDEFINED Assessment Templates

2

AVAILABLE Languages (EN-US, EN-GB, DE)



All Control Statements are aligned with a topic in the Alyne Library. The following overview provides a description of the scope of each Library topic.







38 CONTROL STATEMENTS Application Governance

Control Statements defining mature practices for governing applications from go live to decommissioning.



5 CONTROL STATEMENTS Architecture

Control Statements for defining and managing IT architecture and integrating with the organisation's strategic development.



12 CONTROL STATEMENTS

Archiving and Data Retention

Control Statements for retaining physical and digital data in line with functional and legal requirements.



ARCHITECTURE STRATEGY

DATA LIFECYCLE

GENERAL PRINCIPLES

PHYSICAL DATA ARCHIVING



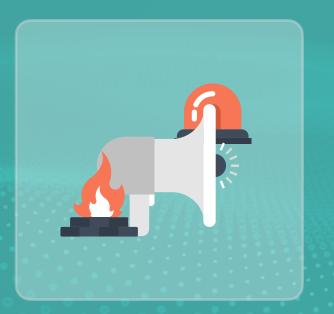






19 CONTROL STATEMENTS Audit

Control Statements to define internal and external audits and integrate these with the corporate governance practices of the organisation.



86 CONTROL STATEMENTS

Business Continuity Management

Control Statements to establish a mature business continuity framework, manage resilience and test the organisation's preparedness.



9 CONTROL STATEMENTS Cloud Services

Control Statements for safely and effectively integrating and managing cloud services in the enterprise environment.

EXTERNAL AUDIT

GENERAL PRINCIPLES

PROCESS

ROLES AND RESPONSIBILITIES

BUSINESS CONTINUITY PLANS ALTERNATE SITES BUSINESS CONTINUITY RESPONSE CENTRE BUSINESS IMPACT ASSESSMENT GENERAL PRINCIPLES CONTINUITY STRATEGIES COMMUNICATION MAINTENANCE HUMAN RESOURCES CONTINUITY ROLES AND RESPONSIBILITIES SUCCESSION PLANNING TESTING AND TRAINING

CLOUD USAGE ROLES AND RESPONSIBILITIES









13 CONTROL STATEMENTS Communication Technology

Control Statements to securely manage communication technology.



14 CONTROL STATEMENTS Compliance Management

Control Statements to establish the lean but effective management of legal and regulatory requirements.



16 CONTROL STATEMENTS Cryptography

Control Statements to implement and manage the use of cryptography within modern security management structures.

EMAIL AND MESSAGING

MOBILE DEVICE MANAGEMENT

COMPLIANCE REPORTING

COOPERATION WITH GOVERNMENT AGENCIES

PRODUCT COMPLIANCE

ROLES AND RESPONSIBILITIES

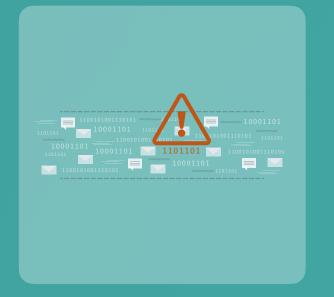
DESIGN

GENERAL PRINCIPLES









11 CONTROL STATEMENTS

Data Loss Prevention

Control Statements to establish a data loss prevention capability within the organisation.



102 CONTROL STATEMENTS Data Protection & Privacy

Control Statements to manage data protection and data privacy and comply with legal requirements from major global jurisdictions.



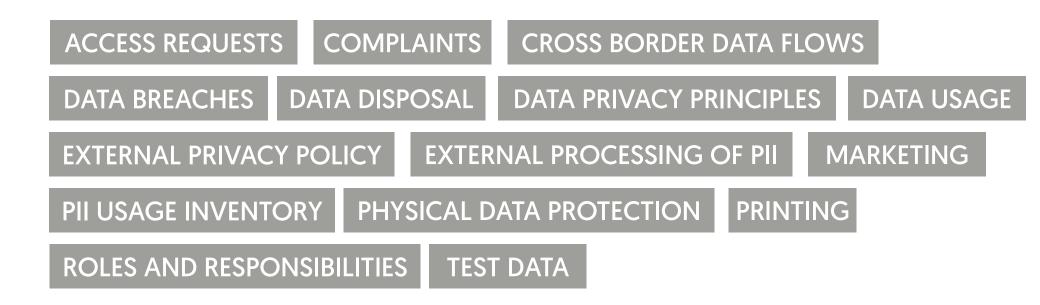
15 CONTROL STATEMENTS

Fixed Asset Management

Control Statement in the area of Fixed Asset Management.



ROLES AND RESPONSIBILITIES











20 CONTROL STATEMENTS Fraud Prevention

Control Statements to establish a fraud prevention capability including whistleblowing.



42 CONTROL STATEMENTS

Human Resources Management

Control Statements to effectively manage recruitment, background checks, employee performance and HR related security.



58 CONTROL STATEMENTS

Identity & Access Management

Control Statements to manage identity creation, provisioning of access, role management, review, segregation of duties and revocation.

FORENSIC INVESTIGATIONS

GENERAL PRINCIPLES

WHISTLEBLOWING ROLES AND RESPONSIBILITIES

BACKGROUND CHECKS CAPABILITY MANAGEMENT DATA MANAGEMENT CHANGE MANAGEMENT CONFIDENTIALITY DISCIPLINARY PROCESS EMPLOYEE PENSION SCHEME GENERAL PRINCIPLES EXPENSE CLAIMS PROCESS PAYROLL AND COMPENSATION ROLES AND RESPONSIBILITIES





15 CONTROL STATEMENTS Information Classification

Control Statements to effectively classify information to govern the appropriate usage of information assets throughout the organisation.



12 CONTROL STATEMENTS Infrastructure Management

Control Statements to manage the organisation's IT infrastructure.



18 CONTROL STATEMENTS Innovation Management

Control Statements for defining innovation management and managing digital transformation. **CLASSIFICATION**

GENERAL PRINCIPLES

INAPPROPRIATE INFORMATION LABELLING

ROLES AND RESPONSIBILITIES

CAPACITY MANAGEMENT

CHANGE MANAGEMENT

ROLES AND RESPONSIBILITIES

DIGITAL TRANSFORMATION

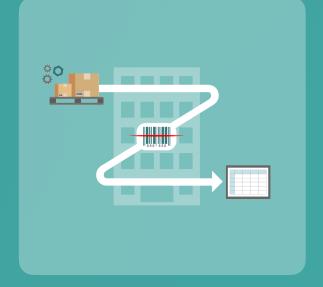
GENERAL PRINCIPLES

ROLES AND RESPONSIBILITIES

SUGGESTIONS







14 CONTROL STATEMENTS **Inventory Management**

Control Statements in the area of Inventory Management.



6 CONTROL STATEMENTS IT Asset Management

Control Statements to manage the organisation's IT infrastructure.



11 CONTROL STATEMENTS Network Management

Control Statements to manage the organisation's network assets.

DISPOSAL

GENERAL PRINCIPLES

REGISTER

ROLES AND RESPONSIBILITIES

VALIDATION

ROLES AND RESPONSIBILITIES

GENERAL PRINCIPLES







22 CONTROL STATEMENTS Non-Disclosure Agreements

Control Statements to document a non-disclosure agreement between the organisation and its members.



30 CONTROL STATEMENTS

Operations & Organisations

Control Statements to govern a mature organisation from defining key responsibilities to documenting policies, procedures and controls.



36 CONTROL STATEMENTS Order to Cash

Control Statements to manage the Order to Cash process, prevent fraudulent activity and to conduct a three-way match.

CONFIDENTIALITY

DATA PRIVACY

GENERAL PRINCIPLES

INTELLECTUAL PROPERTY





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25 CONTROL STATEMENTS Outsourcing

Control Statements defining initiation, management and transition of outsourcing agreements incl. special requirements for outsourcing material business processes.



27 CONTROL STATEMENTS Password Management

Control Statements to define and manage safe passwords for users, privileged access and technical accounts.



90 CONTROL STATEMENTS Physical Security

Control Statements to manage physical security in offices, data centres and technology rooms as well as for personnel.

BUSINESS PROCESS OUTSOURCING

GENERAL PRINCIPLES

INTEROPERABILITY AND PORTABILITY

OUTSOURCING PROVIDERS

ROLES AND RESPONSIBILITIES

GENERAL PRINCIPLES

PASSWORD HISTORY

PRIVILEGED ACCESS PASSWORDS

SYSTEM ACCOUNT PASSWORDS

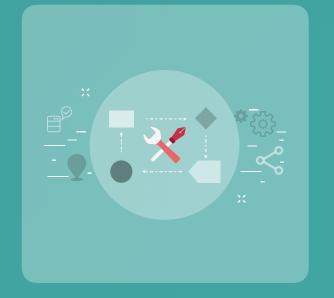
USER PASSWORDS



or alyne



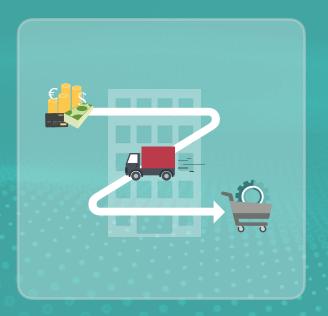




16 CONTROL STATEMENTS

Process Management

Control Statements to document the organisation's key processes consistently.



61 CONTROL STATEMENTS Procurement

Control Statements to manage procurement processes and prevent fraudulent use of assets incl. controls to manage a BYOD programme.



47 CONTROL STATEMENTS

Program & Project Management

Control Statements to ensure appropriate governance and management of programs and projects to develop new capabilities.

GENERAL PRINCIPLES

PROCESS MODELLING

ROLES AND RESPONSIBILITIES











40 CONTROL STATEMENTS Risk Management

Control Statements to define mature and consistent management of risks for the organisation and providing executives with informed and risk aware decision points.



38 CONTROL STATEMENTS Security Management

Control Statements to establish the core capabilities of security management.



47 CONTROL STATEMENTS Security Monitoring

Control Statements to define integrated security and event monitoring to provide executives with actionable decision options.

GENERAL PRINCIPLES

RISK EVENTS

RISK DATA MANAGEMENT

ROLES AND RESPONSIBILITIES

THREE LINES OF DEFENCE

CUSTOMER SECURITY FINANCIAL SERVICES SECURITY

GENERAL PRINCIPLES

PAYMENT CARDS

PRODUCT AND ONLINE SERVICE SECURITY

ROLES AND RESPONSIBILITIES

TRAINING

CONFIGURATION MANAGEMENT ANTI MALWARE DENIAL OF SERVICE ATTACKS LOGGING PATCH MANAGEMENT SECURITY INFORMATION AND EVENT MANAGEMENT

VULNERABILITY MANAGEMENT









23 CONTROL STATEMENTS **Social Media**

Control Statements to define how the organisation and its members interact with customers over social media.



39 CONTROL STATEMENTS Software Development

Control Statements to define secure coding and comprehensive testing of software before it is introduced to production.



4 CONTROL STATEMENTS Software Licensing

Control Statements to establish the effective and legal use of software licenses.

EMPLOYEE PARTICIPATION

GENERAL PRINCIPLES

MODERATION

ROLES AND RESPONSIBILITIES

SOCIAL MEDIA ISSUE MANAGEMENT

CODE DEVELOPMENT

DOCUMENTATION

SECURE DEVELOPMENT

SECURE WEB DEVELOPMENT

TESTING

GENERAL PRINCIPLES ROLES AND RESPONSIBILITIES

TERMINATION

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15





6 CONTROL STATEMENTS Sustainability

Control Statements to define sustainable business practices to engage in an office environment.



28 CONTROL STATEMENTS Workstations & Servers

Control Statements to define the secure and appropriate configuration and usage of workstations and servers.

WORKPLACE

APPLICATION WHITELISTING BACKUPS

DATA MANAGEMENT

HARDENING

NETWORK SECURITY

USAGE

GENERAL PRINCIPLES





Alyne Template Library

Control Statements can be grouped for Control Sets or Assessments. Predefined templates are provided within Alyne. They correspond to Library topics or a specific Standard, Law or Regulation.





Control Sets



Control Statements

can be part of one or many



Groups a set of Control Statements for a specific purpose Defines one specific rule in simple and harmonised language

Title

A very slim and concise control statement.

can be part of one or many

Assessments



Provides a set of questions to measure a specific objective



Alyne Control Set Templates





BAIT KRITIS



BASE DATA PRIVACY



BCM ADVANCED



BCM BASICS





CSA CCM V.3.0.1



CSL



EBA ICT & SECURITY RISK MANAGEMENT



GDPR



ITSG - CRITICAL INFRASTRUCTURE PROVIDERS



ITSG - TELEMEDIA PROVIDERS



IAM - INTEGRATED MATURITY

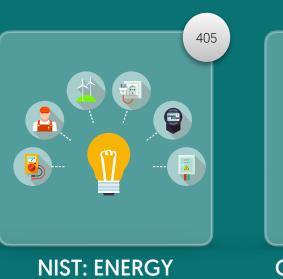


COBIT 5

Alyne Control Set Templates



ESSENTIALS



CYBER SECURITY (2018)



PSD2



OWASP SAMM V1.5



OWASP TOP 10 2013

449



PCI DSS V3.2



U.S. FED INFORMATION SECURITY



SOC 2 - TRUST SERVICES CRITERIA (2017)

VENDOR RISK

MANAGEMENT -

MEDIUM RISK

70



TISAX - VDA ISA

V4.1.1

VPDSS V2.0 (2019)



VENDOR RISK MANAGEMENT -LOW RISK



MANAGEMENT -

HIGH RISK

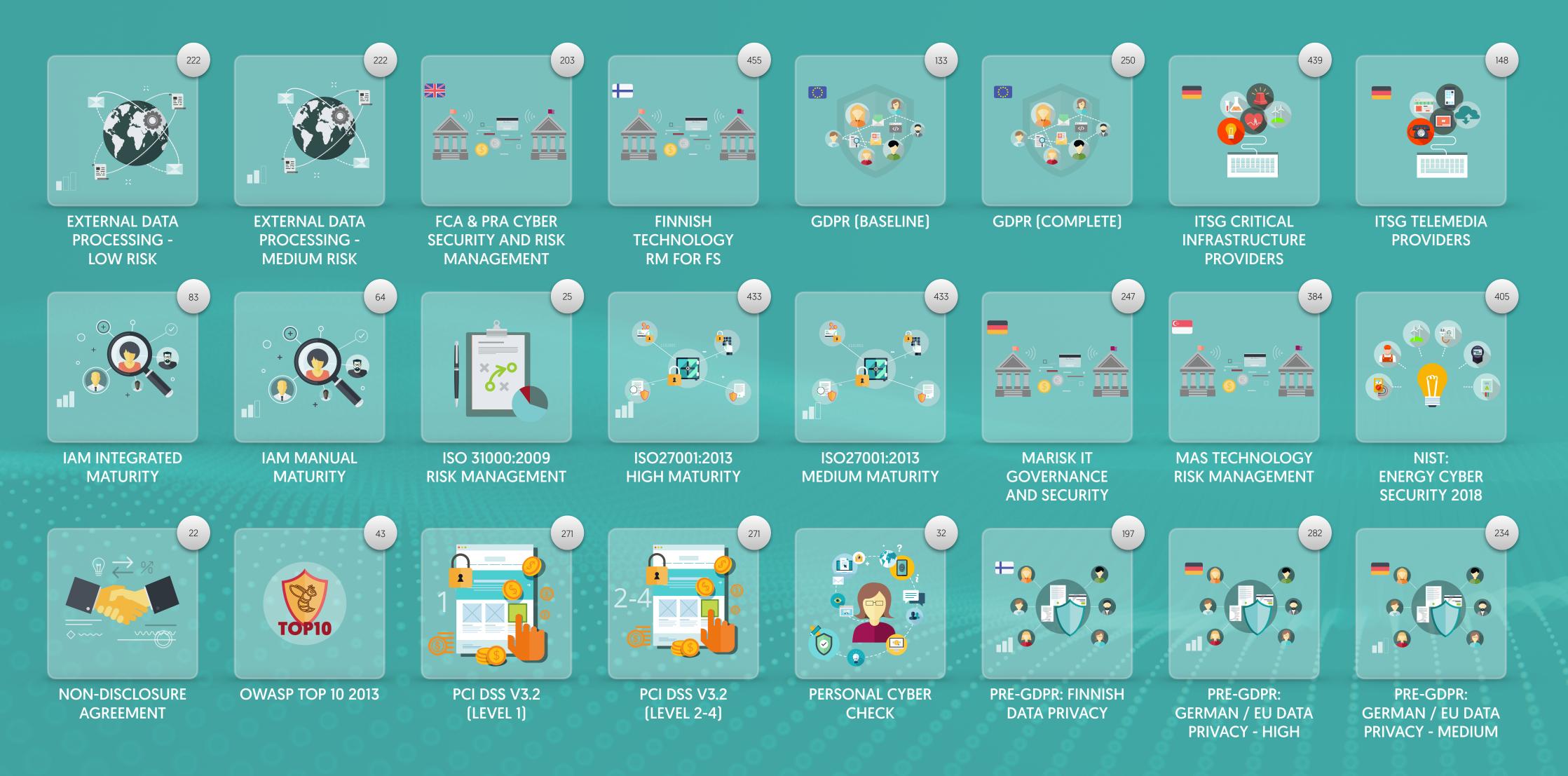


Alyne Assessment Templates





Alyne Assessment Templates







Alyne Assessment Templates



PRE-GDPR: UK DATA PRIVACY



PSD2



SOCIAL MEDIA MANAGEMENT

70



TISAX - VDA ISA V4.1.1



VENDOR RISK ASSESSMENT -HIGH RISK



45

VENDOR RISK ASSESSMENT -LOW RISK

VENDOR RISK ASSESSMENT -MEDIUM RISK



U.S. FED INFORMATION SECURITY

UK CYBER ESSENTIALS

VAIT

VAIT KRITIS







Control Statements are mapped of major global markets.

Control Statements are mapped to Standards, Laws & Regulations



STANDARD

ACSC Essential Eight (02/2017) Australian Cyber Security Centre Essential Eight

ACSC Essential Eight (02/2019)

Australian Cyber Security Centre Essential Eight

AO

Abgabenordnung / German Tax Code

APP (AUS) Australian Privacy Principles, Schedule 1, Privacy Act 1988 (Cth)

APRA CPS 234 Information Security

Australian Prudential Regulation Authority, Prudential Standard CPS 234 Information S

BAIT

Bankaufsichtliche Anforderungen an die IT / Banking Regulatory Requirements for

BDSG 2009

Bundesdatenschutzgesetz / German Federal Data Protection Act

BDSG 2017

Bundesdatenschutzgesetz / German Federal Data Protection Act

BSI Grundschutz

IT-Grundschutz Catalogues from the German Federal Office for Information Security

CIS Controls

	VERSION	ORIGIN
	02 - 2017	Australia
	02 - 2019	Australia
	12 - 2019	Germany
	1988	Australia
Security	07 - 2019	Australia
IT	Circulation 10/2017 as of Sept. 14, 2018	Germany
	08 - 2009	Germany
	06 - 2017	Germany
ty	14. Revision	BSI Germany
	7.0	Center for Internet Security
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STANDARD

COBIT 2019

Control Objectives for Information and Related Technologies

COBIT 4.1 Control Objectives for Information and Related Technologies

COBIT 5

Control Objectives for Information and Related Technologies

COSO

Committee of Sponsoring Organizations of the Treadway Commission - Internal Co — Integrated Framework

CSA CCM Cloud Security Alliance Cloud Controls Matrix

Chinese Cybersecurity Law

EBA Guidelines on ICT and Security Risk Management European Banking Authority Guidelines on ICT and Security Risk Management

EBA Guidelines on ICT Risk Assessment under SREP European Banking Authority Guidelines on ICT Risk Assessment under the Superviso and Evaluation Process (SREP)

EU Directive 95/46/EC

Directive 95/46/EC of the European Parliament and of the Council of 24 October 199 protection of individuals with regard to the processing of personal data and on the movement of such data

	VERSION	ORIGIN
	2019	IT Governance Institute
	4.1	IT Governance Institute
	5	IT Governance Institute
ontrol	05 - 2013	Committee of Sponsoring Organizations of the Treadway Commission
	3.0.1	Cloud Security Alliance
	11 - 2016	People's Republic of China
	GL/2019/04	EU
ory Review	GL/2017/05	EU
95 on the e free	10 - 1995	EU
26		<mark>ဖို</mark> ့aly



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STANDARD

Fed Guideline IS

Federal Reserve System: Interagency Guidelines Establishing Information Security St

FIN-FSA OpRisk

Financial Supervisory Authority: Management of operational risk in supervised entitie financial sector

Finnish Personal Data Act

GDPR

General Data Protection Regulation

GOBS

Grundsätze ordnungsmäßiger DV-gestützter Buchführungssysteme / Generally acce principles of computerised accounting systems

HGB

Handelsgesetzbuch / German Trade Law

ISO 22301:2012

Societal security – Business continuity management systems – Requirements

ISO 31000:2009

Risk Management - Principles and Guidelines

ISO/IEC 27001:2005

Information technology – Security techniques – Information security management Requirements

	VERSION	ORIGIN	
Standards	08 - 2013	USA	
ties of the	08 - 2014	Finland	
	523/1999	Finland	
	04 - 2016	EU	
cepted	7. November 1995 - IV A 8 - S 0316 - 52/95- BStBI 1995 I S. 738	Germany	
	12 - 2019	Germany	
	2012	ISO	
	2009	ISO	
: systems –	2005	ISO	
07			🗞 alyn



STANDARD

ISO/IEC 27001:2013

Information technology – Security techniques – Information security management Requirements

MaRisk BA (10/2012)

Minimum Requirements for Risk Management

MaRisk BA (09/2017)

Minimum Requirements for Risk Management

MAS TRMG

Monetary Authority of Singapore: Technology Risk Management Guidelines

NIST Cyber Security Framework 2014

National Institute of Standards and Technology: Framework for Improving Critical In Cybersecurity

NIST Cyber Security Framework 2018

National Institute of Standards and Technology: Framework for Improving Critical In Cybersecurity

OWASP SAMM

OWASP Software Assurance Maturity Model

OWASP TOP 10

OWASP Top 10 guidelines for secure coding

PCI DSS v3.1

Payment Card Industry Data Security Standard

	VERSION	ORIGIN
: systems –	2013	ISO
	10 - 2012	German Federal Financial Supervisory Authority (BaFin)
	09 - 2017	German Federal Financial Supervisory Authority (BaFin)
	06 - 2013	Singapore
nfrastructure	02 - 2014	USA
nfrastructure	04 - 2018	USA
	1.5	Open Web Application Security Project (OWASP)
	2013	Open Web Application Security Project (OWASP)
	3.1	Security Standards Council



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STANDARD

PCI DSS v3.2

Payment Card Industry Data Security Standard

PSD2 Security Measures for Operational and Security Risks

Second Payment Services Directive

SGB

Sozialgesetzbuch / German Code of Social Law

SOC 2

SOC for Service Organizations: Trust Services Criteria (2017)

TISAX - VDA ISA v4.1.1

Trusted Information Security Assessment Exchange - Verband der Automobilindustr Information Security Assessment v4.1.1

TKG

Telekommunikationsgesetz / German Telecommunications Law

TMG

Telemediengesetz / German Telemedia Law

UK Cyber Essentials

Cyber Essentials Scheme: Assurance Framework

UK FCA Financial Crime: A Guide for Firms

UK Privacy Act

	VERSION	ORIGIN
	3.2	Security Standards Council
	11 - 2015	EU
	01 - 1983	Germany
	2017	American Institute of Certified Public Accountants (AICPA)
trie	4.1.1	Germany
	12 - 2015	Germany
	07 - 2019	Germany
	02 - 2015	UK
	04 - 2015	UK
	1998 c.29	UK
		% alyı



STANDARD

VAIT

Versicherungsaufsichtliche Anforderungen an die IT / insurance regulatory requirer

VPDSS v2.0 (2019)

Victorian Protective Data Security Standards: Elements V2.0

	VERSION	ORIGIN	
ments for IT	Circulation 10/2018 as of March 20, 2019	Germany	
	2.0 10 - 2019	Australia	
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Residence

About Alyne