

DIN EN ISO/IEC 27002:2024-01 (E)

Information security, cybersecurity and privacy protection - Information security controls (ISO/IEC 27002:2022)

Contents		Page
European foreword.....		5
Foreword.....		6
Introduction.....		7
1	Scope	10
2	Normative references	10
3	Terms, definitions and abbreviated terms	10
	3.1 Terms and definitions.....	10
	3.2 Abbreviated terms.....	15
4	Structure of this document	16
	4.1 Clauses.....	16
	4.2 Themes and attributes.....	17
	4.3 Control layout.....	18
5	Organizational controls	18
	5.1 Policies for information security.....	18
	5.2 Information security roles and responsibilities.....	20
	5.3 Segregation of duties.....	21
	5.4 Management responsibilities.....	22
	5.5 Contact with authorities.....	23
	5.6 Contact with special interest groups.....	24
	5.7 Threat intelligence.....	24
	5.8 Information security in project management.....	26
	5.9 Inventory of information and other associated assets.....	27
	5.10 Acceptable use of information and other associated assets.....	29
	5.11 Return of assets.....	30
	5.12 Classification of information.....	31
	5.13 Labelling of information.....	32
	5.14 Information transfer.....	33
	5.15 Access control.....	36
	5.16 Identity management.....	38
	5.17 Authentication information.....	39
	5.18 Access rights.....	41
	5.19 Information security in supplier relationships.....	42
	5.20 Addressing information security within supplier agreements.....	44
	5.21 Managing information security in the ICT supply chain.....	46
	5.22 Monitoring, review and change management of supplier services.....	48
	5.23 Information security for use of cloud services.....	50
	5.24 Information security incident management planning and preparation.....	52
	5.25 Assessment and decision on information security events.....	54
	5.26 Response to information security incidents.....	54
	5.27 Learning from information security incidents.....	55
	5.28 Collection of evidence.....	56
	5.29 Information security during disruption.....	57
	5.30 ICT readiness for business continuity.....	57
	5.31 Legal, statutory, regulatory and contractual requirements.....	59
	5.32 Intellectual property rights.....	60
	5.33 Protection of records.....	62
	5.34 Privacy and protection of PII.....	63
	5.35 Independent review of information security.....	64
	5.36 Compliance with policies, rules and standards for information security.....	65
	5.37 Documented operating procedures.....	66

6	People controls	67
6.1	Screening	67
6.2	Terms and conditions of employment	68
6.3	Information security awareness, education and training	69
6.4	Disciplinary process	71
6.5	Responsibilities after termination or change of employment	72
6.6	Confidentiality or non-disclosure agreements	72
6.7	Remote working	74
6.8	Information security event reporting	75
7	Physical controls	76
7.1	Physical security perimeters	76
7.2	Physical entry	77
7.3	Securing offices, rooms and facilities	79
7.4	Physical security monitoring	79
7.5	Protecting against physical and environmental threats	80
7.6	Working in secure areas	81
7.7	Clear desk and clear screen	82
7.8	Equipment siting and protection	83
7.9	Security of assets off-premises	84
7.10	Storage media	85
7.11	Supporting utilities	86
7.12	Cabling security	87
7.13	Equipment maintenance	88
7.14	Secure disposal or re-use of equipment	89
8	Technological controls	90
8.1	User endpoint devices	90
8.2	Privileged access rights	92
8.3	Information access restriction	93
8.4	Access to source code	95
8.5	Secure authentication	96
8.6	Capacity management	98
8.7	Protection against malware	99
8.8	Management of technical vulnerabilities	101
8.9	Configuration management	104
8.10	Information deletion	106
8.11	Data masking	107
8.12	Data leakage prevention	109
8.13	Information backup	110
8.14	Redundancy of information processing facilities	111
8.15	Logging	112
8.16	Monitoring activities	115
8.17	Clock synchronization	117
8.18	Use of privileged utility programs	118
8.19	Installation of software on operational systems	119
8.20	Networks security	120
8.21	Security of network services	121
8.22	Segregation of networks	122
8.23	Web filtering	123
8.24	Use of cryptography	124
8.25	Secure development life cycle	126
8.26	Application security requirements	127
8.27	Secure system architecture and engineering principles	129
8.28	Secure coding	131
8.29	Security testing in development and acceptance	133
8.30	Outsourced development	135
8.31	Separation of development, test and production environments	136

8.32	Change management.....	137
8.33	Test information.....	138
8.34	Protection of information systems during audit testing.....	139
Annex A (informative) Using attributes.....		141
Annex B (informative) Correspondence of ISO/IEC 27002:2022 (this document) with ISO/IEC 27002:2013.....		152
Bibliography.....		159