ISO 27001 Controls List

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Helping you select the best methods to tackle identified data breach threats to your organisation

ISO 27001 is the international standard that describes the best practice for an ISMS. Minimise the risk of a data breach by implementing a series of best practice information security controls for your business. Use this controls list to select the appropriate methods to tackle identified threats to your organisation.

ISO27001:2013 - Which Annex A Controls Objectives & Controls Are You Applying?

Section	Information security control	Status Applicable / Not Applicable	Notes
A5	**Information security policies**		
A5.1	**Management direction for information security**		
A5.1.1	Policies for information security		
A5.1.2	Review of the policies for information security		
A6	**Organisation of information security**		
A6.1	**Internal organisation**		
A6.1.1	Information security roles and responsibilities		
A6.1.2	Segregation of duties		
A6.1.3	Contact with authorities		
A6.1.4	Contact with special interest groups		
A6.1.5	Information security in project management		
A6.2	**Mobile devices and teleworking**		
A6.2.1	Mobile device policy		
A6.2.2	Teleworking		

A7	**Human resource security**		
A7.1	**Prior to employment**		
A7.1.1	Screening		
A7.1.2	Terms and conditions of employment		
A7.2	**During employment**		
A7.2.1	Management responsibilities		
A7.2.2	Information security awareness, education and training		
A7.2.3	Disciplinary process		
A7.3	**Termination and change of employment**		
A7.3.1	Termination or change of employment responsibilities		
A8	**Asset management**		
A8.1	**Responsibility for assets**		
A8.1.1	Inventory of assets		
A8.1.2	Ownership of assets		
A8.1.3	Acceptable use of assets		
A8.1.4	Return of assets		
A8.2	**Information classification**		
A8.2.1	Classification of information		
A8.2.2	Labelling of information		
A8.2.3	Handling of assets		
A8.3	**Media handling**		
A8.3.1	Management of removable media		
A8.3.2	Disposal of media		
A8.3.3	Physical media transfer		

A9	**Access control**		
A9.1	**Business requirements of access control**		
A9.1.1	Access control policy		
A9.1.2	Access to networks and network services		
A9.2	**User access management**		
A9.2.1	User registration and de-registration		
A9.2.2	User access provisioning		
A9.2.3	Management of privileged access rights		
A9.2.4	Management of secret authentication information of users		
A9.2.5	Review of user access rights		
A9.2.6	Removal or adjustment of access rights		
A9.3	**User responsibilities**		
A9.3.1	Use of secret authentication information		
A9.4	**System and application access control**		
A9.4.1	Information access restriction		
A9.4.2	Secure log-on procedures		
A9.4.3	Password management system		
A9.4.4	Use of privileged utility programs		
A9.4.5	Access control to program source code		
A10	**Cryptography**		
A10.1	**Cryptographic controls**		
A10.1.1	Policy on the use of cryptographic controls		
A10.1.2	Key management		

A11	**Physical and environmental security**		
A11.1	**Secure areas**		
A11.1.1	Physical security perimeter		
A11.1.2	Physical entry controls		
A11.1.3	Securing offices, rooms and facilities		
A11.1.4	Protecting against external and environmental threats		
A11.1.5	Working in secure areas		
A11.1.6	Delivery and loading areas		
A11.2	**Equipment**		
A11.2.1	Siting and protection of equipment		
A11.2.2	Supporting utilities		
A11.2.3	Cabling security		
A11.2.4	Equipment maintenance		
A11.2.5	Removal of assets		
A11.2.6	Security of equipment and assets off-premises		
A11.2.7	Secure disposal or reuse of equipment		
A11.2.8	Unattended user equipment		
A11.2.9	Clear desk and clear screen policy		

A12	**Operations security**		
A12.1	**Operational procedures and responsibilities**		
A12.1.1	Documented operating procedures		
A12.1.2	Change management		
A12.1.3	Capacity management		
A12.1.4	Separation of development, testing and operational environments		
A12.2	**Protection from malware**		
A12.2.1	Controls against malware		
A12.3	**Backup**		
A12.3.1	Information backup		
A12.3	**Logging and monitoring**		
A12.4.1	Event logging		
A12.4.2	Protection of log information		
A12.4.3	Administrator and operator logs		
A12.4.4	Clock synchronisation		
A12.5	**Control of operational software**		
A12.5.1	Installation of software on operational systems		
A12.6	**Technical vulnerability management**		
A12.6.1	Management of technical vulnerabilities		
A12.6.2	Restrictions on software installation		
A12.7	**Information systems audit considerations**		
A12.7.1	Information systems audit controls		

A13	**Communications security**		
A13.1	**Network security management**		
A13.1.1	Network controls		
A13.1.2	Security of network services		
A13.1.3	Segregation in networks		
A13.2	**Information transfer**		
A13.2.1	Information transfer policies and procedures		
A13.2.2	Agreements on information transfer		
A13.2.3	Electronic messaging		
A13.2.4	Confidentiality or nondisclosure agreements		
A14	**System acquisition, development and maintenance**		
A14.1	**Security requirements of information systems**		
A14.1.1	Information security requirements analysis and specification		
A14.1.2	Securing application services on public networks		
A14.1.3	Protecting application services transactions		
A14.2	**Security in development and support processes**		
A14.2.1	Secure development policy		
A14.2.2	System change control procedures		
A14.2.3	Technical review of applications after operating platform changes		
A14.2.4	Restrictions on changes to software packages		
A14.2.5	Secure system engineering principles		
A14.2.6	Secure Development Environment		
A14.2.7	Outsourced development		
A14.2.8	System security testing		
A14.2.9	System acceptance testing		
A14.3	**Test data**		
A14.3.1	Protection of test data		

A15	**Supplier relationships**		
A15.1	**Information security in supplier relationships**		
A15.1.1	Information security policy for supplier relationships		
A15.1.2	Addressing security within supplier agreements		
A15.1.3	ICT supply chain		
A15.2	**Supplier service delivery management**		
A15.2.1	Monitoring and review of supplier services		
A15.2.2	Managing changes to supplier services		
A16	**Information security incident management**		
A16.1	**Management of information security incidents & improvements**		
A16.1.1	Responsibilities and procedures		
A16.1.2	Reporting information security events		
A16.1.3	Reporting information security weaknesses		
A16.1.4	Assessment of and decision on information security events		
A16.1.5	Response to information security incidents		
A16.1.6	Learning from information security incidents		
A16.1.7	Collection of evidence		
A17	**Information security aspects of business continuity management**		
A17.1	**Information security continuity**		
A17.1.1	Planning information security continuity		
A17.1.2	Implementing information security continuity		
A17.1.3	Verify, review and evaluate information security continuity		
A17.2	**Redundancies**		
A17.2.1	Availability of information processing facilities		

A18	Compliance		
A18.1	**Compliance with legal and contractual requirements**		
A18.1.1	Identification of applicable legislation and contractual requirements		
A18.1.2	Intellectual property rights		
A18.1.3	Protection of records		
A18.1.4	Privacy and protection of personally identifiable information		
A18.1.5	Regulation of cryptographic controls		
A18.2	**Information security reviews**		
A18.2.1	Independent review of information security		
A18.2.2	Compliance with security policies and standards		
A18.2.3	Technical compliance review		