

Managing your Cyber Security



Webinar 1 Information Sheet

More on Backups

Backup processes are required in order to mitigate against the effect of loss of data. A backup strategy should be based on risk. Consideration needs to be given to the impact of losing data. That consideration will lead to a determination of what data should be backed up, how often it should be backed up, and the method to be used. Once a backup strategy is in place, it should be monitored and tested periodically for assurance that it is working correctly.

Historically, backup regimes relied on tapes and more recently on removable hard drives for backups. Increasingly, organizations now utilize cloud service providers to perform backups for them. While that can solve a lot of headaches, it is still worth seeking confirmation about arrangements for those backups.

Information backup is referenced in ISO 27001 Control A 8.13.

More on HR controls to protect against insider threats

The first 4 of the layers we mentioned are included in ISO 27001 as People controls. The first is about implementing pre-employment screening to help ensure that you only employ suitable people in the first instance. The second is ensuring that they sign a contract that includes their information security responsibilities. That can be supplemented by an NDA or non-disclosure agreement that may also be applied to other parties such as sub-contractors.

There should also be a formal disciplinary process that would apply when someone has committed an information security violation.

These are referenced in ISO 27001 Controls A 6.1 through to A 6.6. Also see web resources below.

Web Sites and resources		
ACSC (Australian Cyber Security Centre)	https://www.cyber.gov.au/	Federal Government unit that provides cyber security guidance to individuals, businesses and organisations.
ACSC Small Business Cyber Security Guide	Small Business Cyber Security Guide Cyber.gov.au	This guide includes basic security measures to help protect your business against common cyber security threats.



ACSC Guide to email account security (Outlook)	https://www.cyber.gov.au/acsc/view-all-content/guidance/how-check-your-email-account-security-outlook	This step-by-step guide will explain how to check the security of your email account.
ACSC Essential Eight	https://www.cyber.gov.au/acsc/view-all-content/essential-eight	While no set of mitigation strategies are guaranteed to protect against all cyber threats, organisations are recommended to implement eight essential mitigation strategies from the ACSC's Strategies to Mitigate Cyber Security Incidents as a baseline. This baseline, known as the Essential Eight, makes it much harder for adversaries to compromise systems.
Scamwatch	https://www.scamwatch.gov.au/	Scamwatch is run by the Australian Competition and Consumer Commission (ACCC). It provides information to consumers and small businesses about how to recognise, avoid and report scams.
	https://www.scamwatch.gov.au/get-help/protect-your-small-business	Protect yourself and your business by being aware of the common scams targeting small businesses.
NIST Cyber security framework	https://www.nist.gov/cyberframework	NIST is the National Institute of Standards and Technology at the U.S. Department of Commerce and is a well-respected source of information. This cyber security framework consists of standards, guidelines and best practices to manage cybersecurity risk.
Previous webinars	Industry support workshops State Development, Infrastructure, Local Government and Planning	Web page with links to previous webinars delivered by Qudos on behalf of Queensland Government. The webinars took a no-nonsense, plain English approach to helping business to learn about information security, learn how to protect against cyberattacks, and then systemise their approach for maximum long-term benefit.

Qudos Information Security blog articles	https://qudos-software.com/qudos-blog-articles-about-iso-management-systems/	Includes a series of blog articles on information security in plain English.
Qudos article 'What can you do to manage your cyber security'	https://qudos-software.com/manage-your-cyber-security/	Developed to complement this webinar.
Qudos article on HR or People controls	https://qudos-software.com/annex-a-6-people-controls/	Summary of screening and other controls that can help protect against insider threats
Security.org password tester	https://www.security.org/how-secure-is-my-password/	Online password strength tester.
Alan M Jones	Email jonesa@qudos-software.com	Main presenter: CEO, Qudos Management. Provider of information security management system software and consultancy services.

