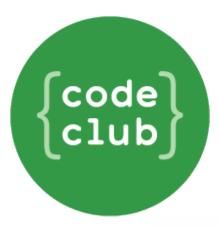
Small, but fierce (but still small)



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Define: smol









Define: smol

Perpetually Small

Family businesses

Community groups

Side hustles and projects

Single/Few Contractors

Define: smol

We need them! (duh)

Promotes local economies

Develops our people

That feel good and happy factor

Top incident categories

The **top three incident categories** for 2018 were also the highest in 2017.



Source: CERT NZ, https://www.cert.govt.nz/assets/Uploads/Quarterly-report/2018-summary-report.pdf

- >From the 37 reports about malware, CERT NZ says common malware variants included Emotet, Gozi, Zeus, ramnit, spinx, kronos and gootkit.
- > Common ransomware variants reported in Q3 were: Dharma, Everbe, Nemesis and Hermes.

Unauthorised Access

Leads to more phishing, cred harvesting, and scams
Caused by weak creds or insecure infrastructure access

Malware

Known variants are re-used or self-propagate

No anti-malware and no backups

In Other Words

More Resources

Host protection to protect against known malware Anti-malware deployed across devices owned Can hire security people

SMB & Enterprise "Advantage"

No Resources

Only have resources for business purpose Relies on volunteers or hardworking owners Are not always tech folk

Small Disadvantage

Fallacies

Too small to be attacked
Too small to be noticed or found
Security is too expensive

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Small Disadvantage

Just add time

Security when small

- 1. Knowledge of accounts and tech used
 - 2. Unique passwords stored in safes
- 3. MFA on high-risk accounts and remote access
 - 4. Backups stored off network
 - 5. Automatic patching

Security when Small



Asset List

	Accounts	Technology & Systems
Social Media	□ Twitter □ Facebook □ Instagram	
Website	 Manage your own website content (like SquareSpace, Wix, Wordpress) 	 Manage your own web server (like cPanel)
Storage	Dropbox Google Drive OneDrive	 Local laptops and devices External harddrives or USBs Local office network
Day-to-day Accounts		
Email	Gmail Outlook ProtonMail ———	Mobile devices logged into email
Communications	□ Slack □ Discord □ WhatsApp □ ——	 Mobile devices logged into communication accounts Group messaging apps
Money-related	Online banking Shopify TradeMe Paypal Square Stripe Patreon Ko-fi Buy me a coffee PledgeMe GoFundMe Xero	
Other stuff	Document management (like DocuSign) Customer/client communications (like MailChimp, SurveyMonkey) Password managers (like LastPass, OnePassword) Creative software (like Adobe Creative Cloud)	Cloud infrastructure (like AWS, Google Cloud, Azure) Google Cloud, Azure)

Source: SafeStack, https://www.safestack.io/resources-events

Sharing is caring

Security when small guides

https://www.safestack.io/blog/tag/security+when+small

CERT NZ guides

https://www.cert.govt.nz/



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#securitywhensmall