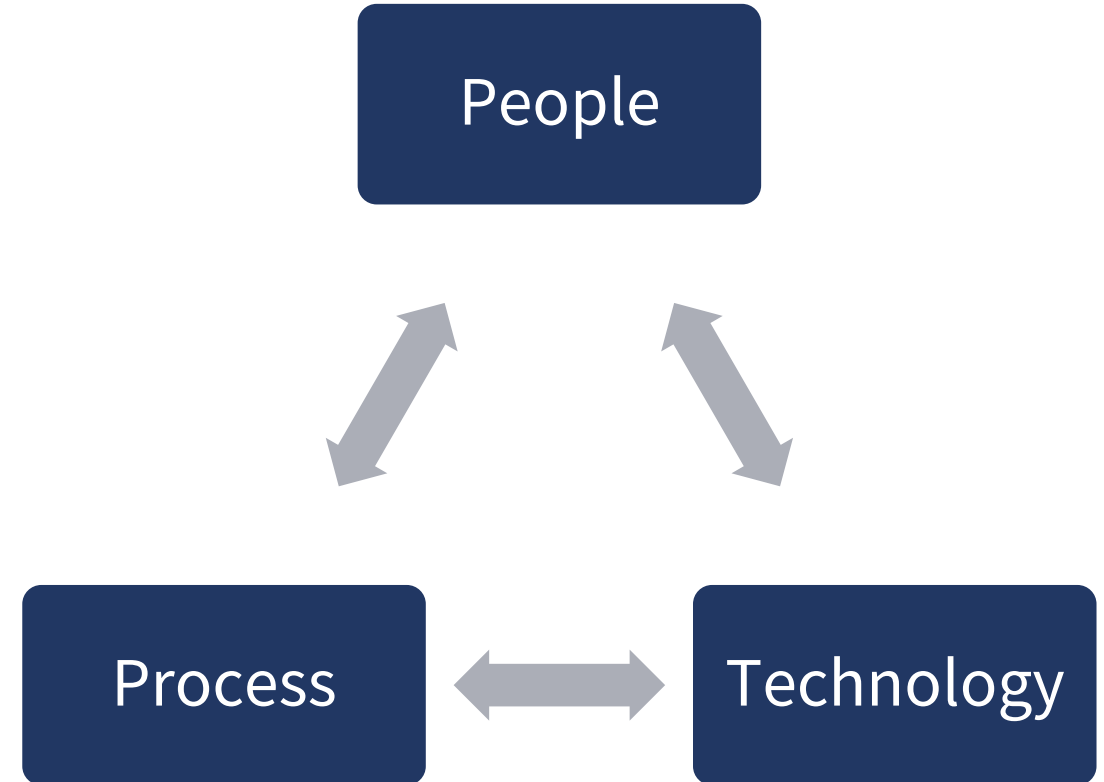
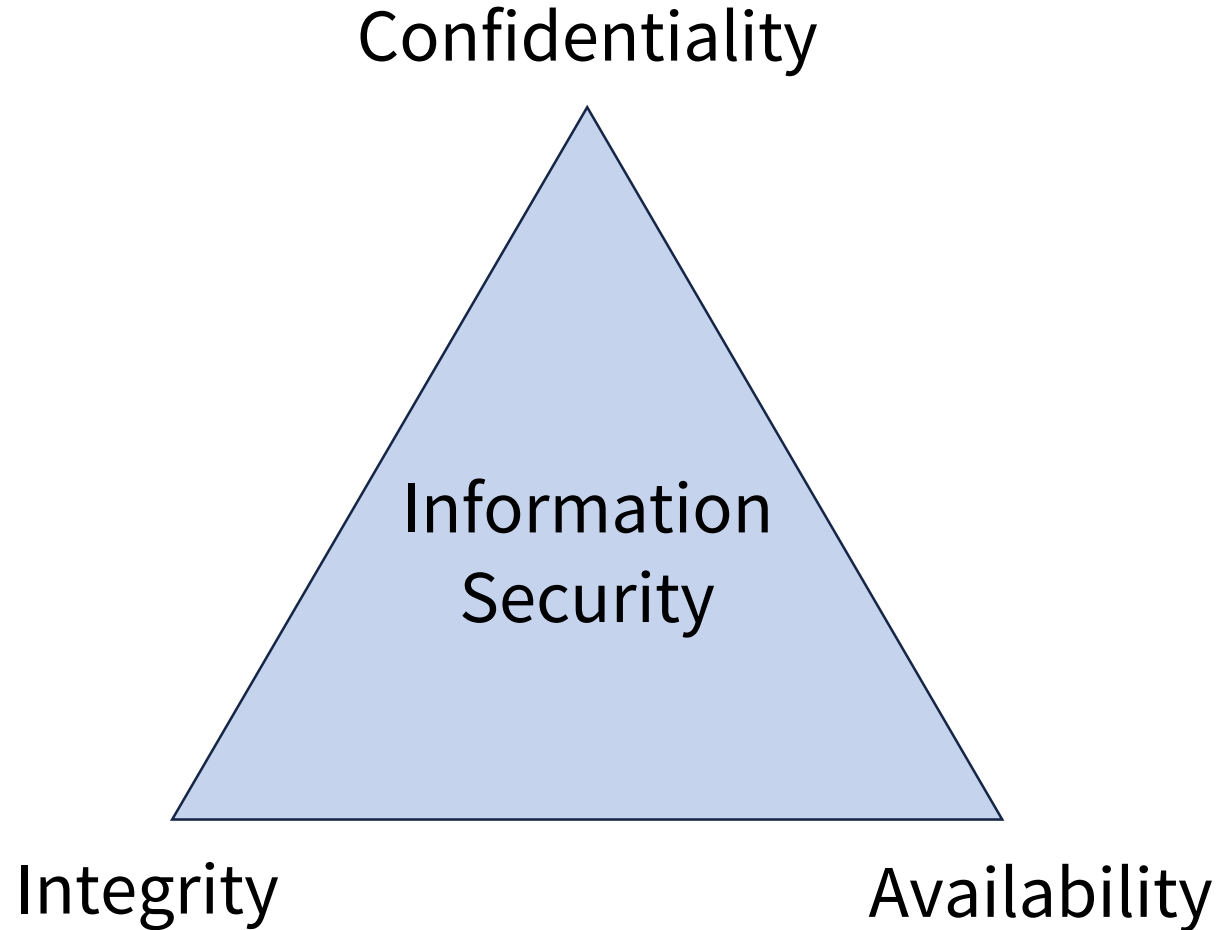


Cyber Security



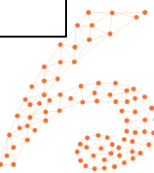
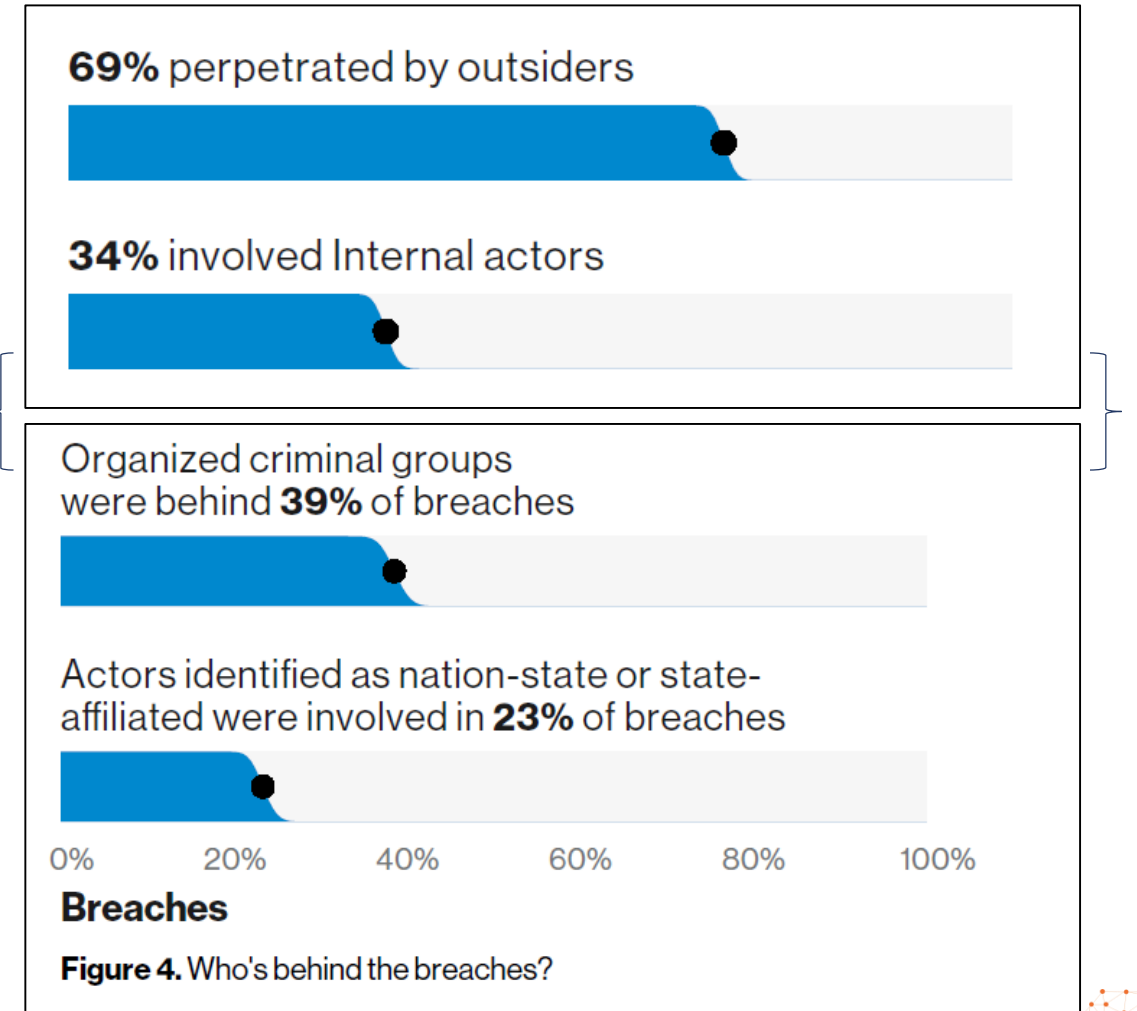
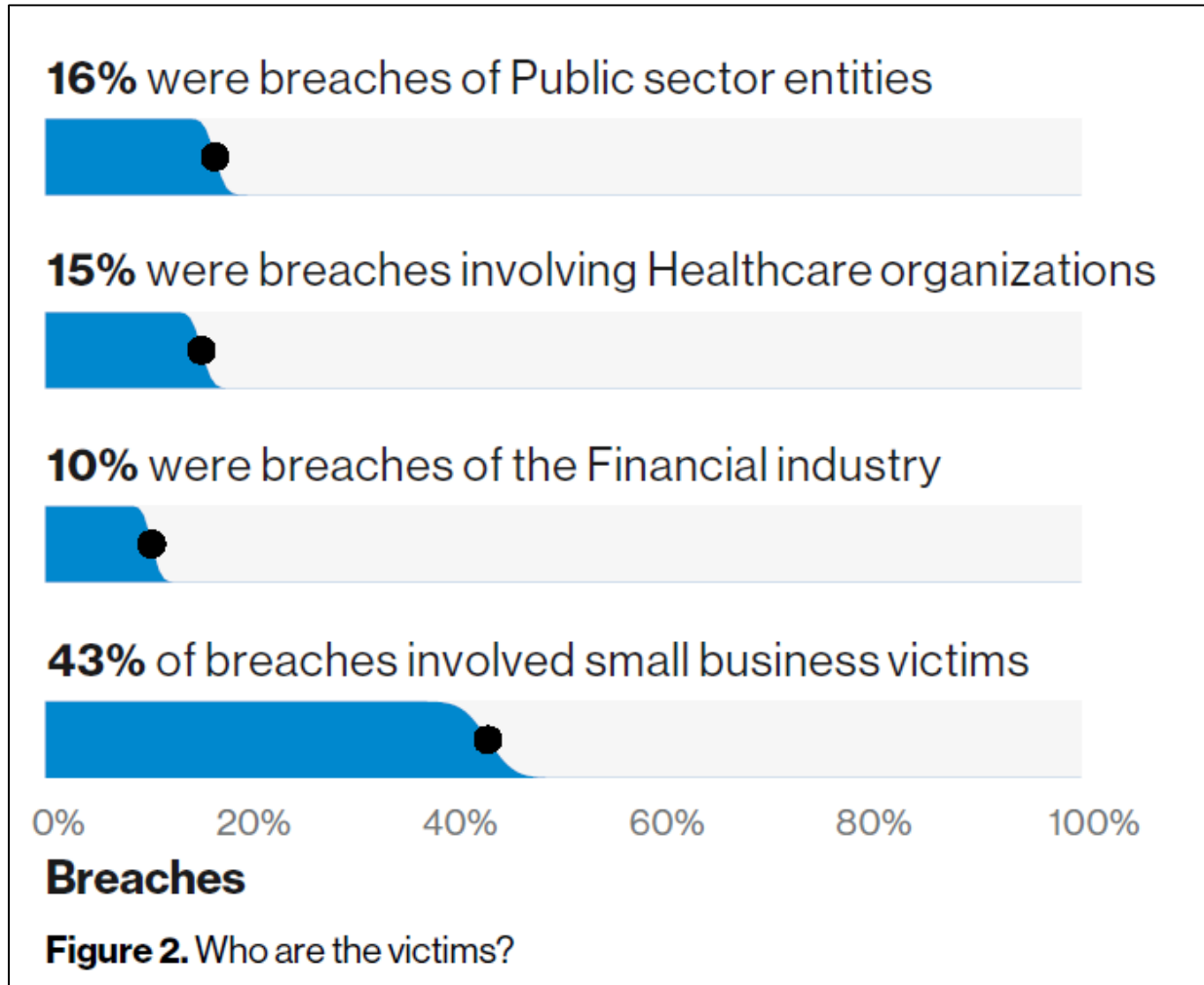
About the speaker

Back to the fundamentals

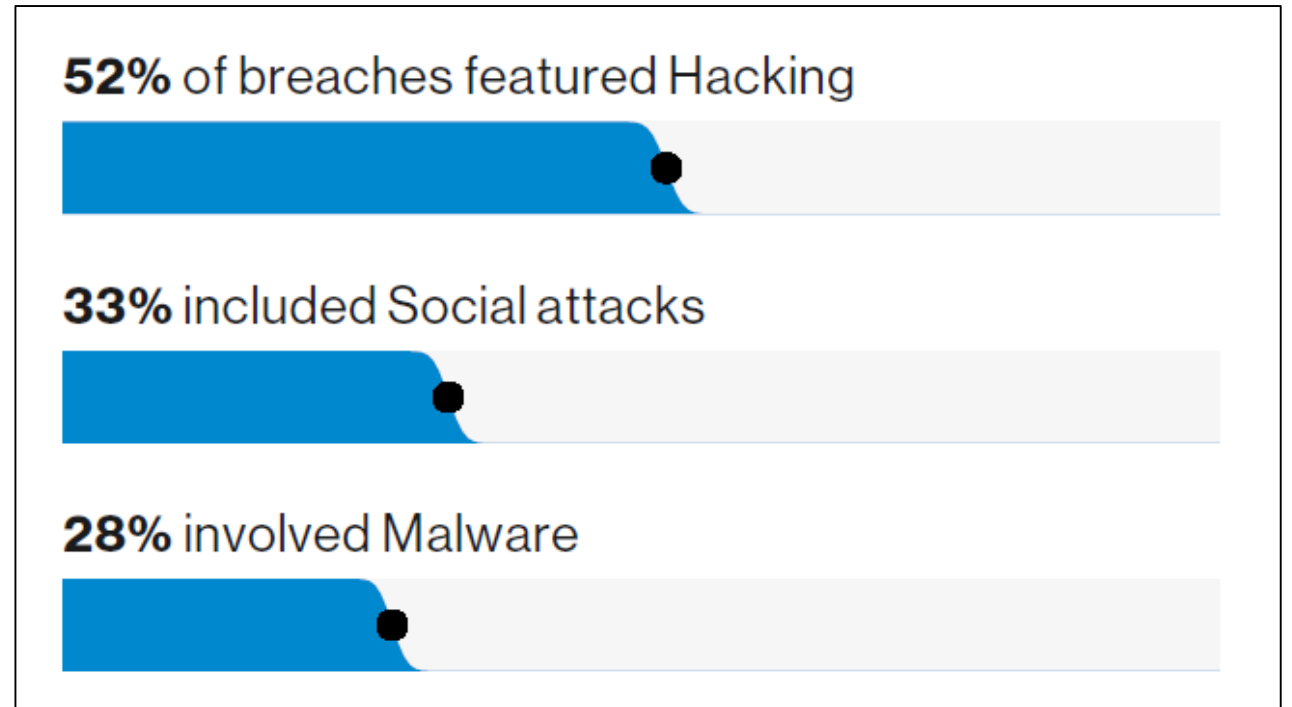
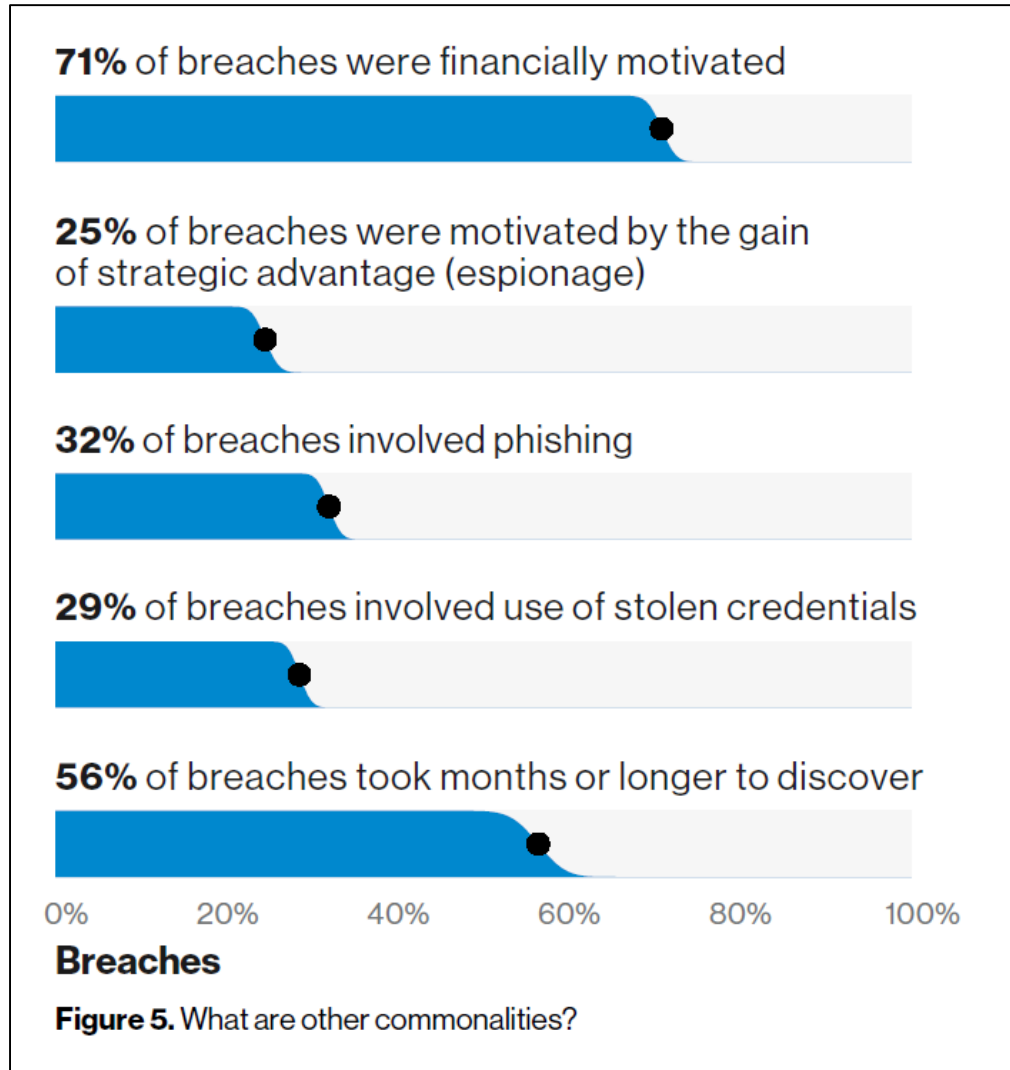


Insights

Verizon Data Breach Investigations Report (2019)



Verizon Data Breach Investigations Report (2019)



Thoughts

We are still not getting the basics right

Security is not just a technology problem, and therefore cannot be solved by technology alone

Security and privacy is everyone's responsibility

You can't outsource accountability



**What can we do
about it?**



Health information standards

Approved standards

[Connected Health standards](#)

[Health record standards](#)

[Identity standards](#)

[Information governance](#)

[Interoperability standards](#)

[Laboratory information standards](#)

[Medicines information standards](#)

[Mental health information standards](#)

[Security standards](#)

[Standards open for public comment](#)

[Standards in development](#)

[Standards lifecycle](#)

Security standards

Standards for managing the security of health information.

Publications



HISO 10029:2015 Health Information Security Framework

Published 09 December 2015

This updated standard sets out security management requirements for health provider organisations.

– [Read more](#)



Digital, data and technology services – minimum requirements

The health and disability sector uses a wide range of digital, data and technology services (digital services) from many suppliers. Services, and the suppliers that provide them, continually evolve through innovation and as new capabilities and uses of technology emerge.

An individual health organisation will typically contract with multiple suppliers of services to support their business functions. While each service will provide a unique set of capabilities there are common requirements that need to be met by all digital services to ensure they are safe, secure, integrated, reliable and provide appropriate access to data and information.

The following describes the baseline common requirements that all health organisations are expected to meet. It is not an exhaustive list and should be considered a minimum level of practice. The Ministry of Health will update the requirements annually.

General

Security

Data

Commercial

<https://www.health.govt.nz/our-work/digital-health/digital-health-sector-architecture-standards-and-governance/digital-data-and-technology-services-minimum-requirements>



CERT NZ - Top 11 Cyber Security Tips for Business

Implement two-factor authentication

Install software updates

Collect only the data you need

Change default passwords

Back up your data

Secure your devices

Set up logs

Secure your network

Choose the right cloud services

Check financial details manually

Create an incident response plan



References and Guides

- **Complete a risk assessment:** <https://www.cert.govt.nz/business/guides/policies-and-processes/cyber-security-risk-assessments-for-your-business/>
- **Follow the Top 11 security tips for your business:** <https://www.cert.govt.nz/business/guides/business-basics/top-11-cyber-security-tips-for-your-business/>
- **CERT NZ Website security checklist:** <https://www.cert.govt.nz/assets/Uploads/documents/df028ff943/Protect-your-website-checklist.pdf>
- **Enable HTTPS (TLS):** <https://www.cert.govt.nz/business/guides/secure-your-website/benefits-of-making-your-website-use-https/>
- **Make sure logs are enabled on your website:** <https://www.cert.govt.nz/business/guides/secure-your-website/website-logs/>
- **Guidance from the GCDO on security and privacy:** <https://www.digital.govt.nz/standards-and-guidance/privacy-security-and-risk/security/>
- **Top ten critical controls from Cert NZ:** <https://www.cert.govt.nz/it-specialists/critical-controls/10-critical-controls/>
- **Guidance on security for small business:** <https://www.cert.govt.nz/business/guides/>
- **Helpful guidance from Australia about small healthcare business security:** <https://www.digitalhealth.gov.au/about-the-agency/digital-health-cyber-security-centre/information-security-guide-for-small-healthcare-businesses>
- **Guidance from Australia about selecting secure IT products:** <https://www.digitalhealth.gov.au/about-the-agency/digital-health-cyber-security-centre/toolkit-for-selecting-secure-it-products-and-services>





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www.digital.health.nz

