

Protecting Your Identity in Digital Era

Presented by Tech Hong Sy



CONTENTS

Cybersecurity Overview	01	04	Actual Case Study and the Impact
Why Your Identity is Important?	02	05	How to Minimize and Respond?
How Your Identity Can Be Stolen?	03	06	Demonstration Scenario

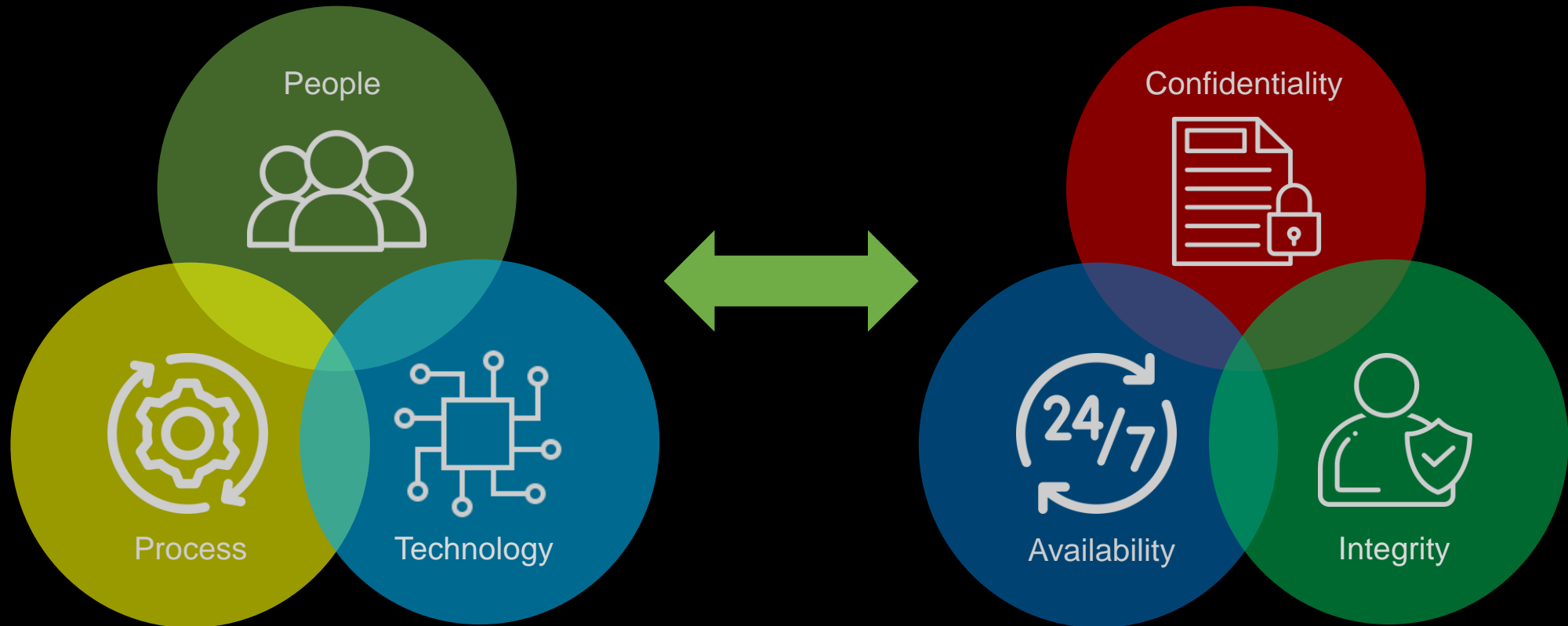
#whoami



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I. Cybersecurity Overview



II. Why Your Identity is Important?

- Because people can steal your identity
- Use your identity as a tool to trick your peers
- Use your identity to perform malicious actions through online. E.g., commit online crime.
- Identity theft can have severe and long-lasting consequences for individuals, including financial losses, damage credit score, and even face with legal issues.



III. How Your Identity Can Be Stolen?



IV. Actual Case Study and the Impact

Identity Theft Statistics: The Fast Facts

- The FTC received 5.7 million total fraud and identity theft reports, 1.4 million of which were identity theft cases
- Government Documents or Benefits Fraud tops the list of identity theft types with 395,948 reported cases
- Georgia reported the most identity theft cases
- The median loss of fraud cases for victims is about \$500
- Total losses are estimated to be \$10.2 billion

abc.net.au/news/2023-08-09/melbourne-identity-theft-victims-lose-money-fraudsters/102701944

NEWS

Just In Watch Live Voice Referendum Politics World Business Analysis Sport Science Health Arts

Melbourne identity theft victims speak out after losing \$370,000 to fraudsters

ABC Radio Melbourne / By Madi Chwasta
Posted Wed 9 Aug 2023 at 2:50am, updated Wed 9 Aug 2023 at 6:47am

bbc.com/news/business-48995846

'My job application was withdrawn by someone pretending to be me'

© 16 July 2019

<https://www.abc.net.au/news/2023-08-09/melbourne-identity-theft-victims-lose-money-fraudsters/102701944>

<https://www.bbc.com/news/business-48995846>

<https://www.phnompenhpost.com/national/probe-launched-fake-id-cards>

phnompenhpost.com/national/probe-launched-fake-id-cards

Probe launched into fake ID cards

Long Kimmarita | Publication date 27 December 2020 | 22:04 ICT



Police investigations are underway into a series of fraud and forgery cases involving a crew of people using fake ID cards to make instalment plan purchases. Facebook

V. How to Minimize and Respond?



Trust, but Verify

Double check through other channel before response.



Use Strong Password

Use password that contain with special character, number, and capital letter.



Enable 2 Factor Authentication

Use two factor authentication as a second layer to protect your account.



Only Use Software from Trusted Source

Use software from trusted source to avoid any backdoors.



Raise Awareness to Your Peers

Disseminating the information to your family and friends to protect them from cyber attacks.



Report

If you noticed such scam, report immediately to local authority.

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VI. Demonstration Scenario

Selected Scenario (Voice Deface):

- Pretended to be my colleague and use his voice to perform malicious action.

Tool used for demonstration:

- Gradio



Key Takeaway



Understand
the important
of your
identity



Be aware of
the risks of
online sharing



Trust, but
verify



Use strong
password
protection



Raise
awareness to
your peers



Report if you
noticed such scam.
(Anti-cybercrime,
CamCERT)

Resources

Reference links for documentations and tools:

- Gradio: <https://www.gradio.app/>
- Phishing Video: https://youtu.be/R12_y2BhKbE
- Vishing Video: <https://youtu.be/BEHI2IAuWCK>
- Cambodia Computer Emergency Response Team (CamCERT) : <https://www.camcert.gov.kh/en/>
- Technology Risk Management Guideline (TRMG) by National Bank of Cambodia:
https://www.nbc.gov.kh/download_files/publication/itguideline_eng/NBC-Risk-Management-Guidelines-July%202019.pdf
- Identity Theft Statistics 2023 (Preliminary): <https://identitytheft.org/statistics/>



Questions and Answers

Thank you!