NCSS
National Council of Social Service

Tech-and-GO!

Digital made easy

TechUP Friday!

Brown Bag Series – Cybersecurity

By Tech-and-GO!

18 December 2020

*Note. There is music playing. If you do not hear any, please check your audio setting. Thank you.

https://www.youtube.com/watch?v=EOAPMhaCtuw

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Event Outline

Time	Programme
12pm-12.10pm	Introduction by Pumpkin Squad
Demo 1: **12.10pm-12.30pm** **Demo 2:** **12.30pm-12.50pm**	<u>Demo by Tech Vendors</u> 1. Data Connect Technologies 2. Singapore Telecommunications + Trustwave <u>Format:</u> *For each vendor:* • 15 min briefing and demo • 5 min Q&A *Note:* • *NCSS does not endorse or pre-approve these vendors. Today's tech demo is mainly to increase SSAs' awareness of how the solutions could do help with their work. SSAs are advised to exercise discretion and assess vendors based on your requirements and/or procurement processes, if any.*
12.50pm-1pm	Cloud vs On-Premise Resources, What's next & Feedback

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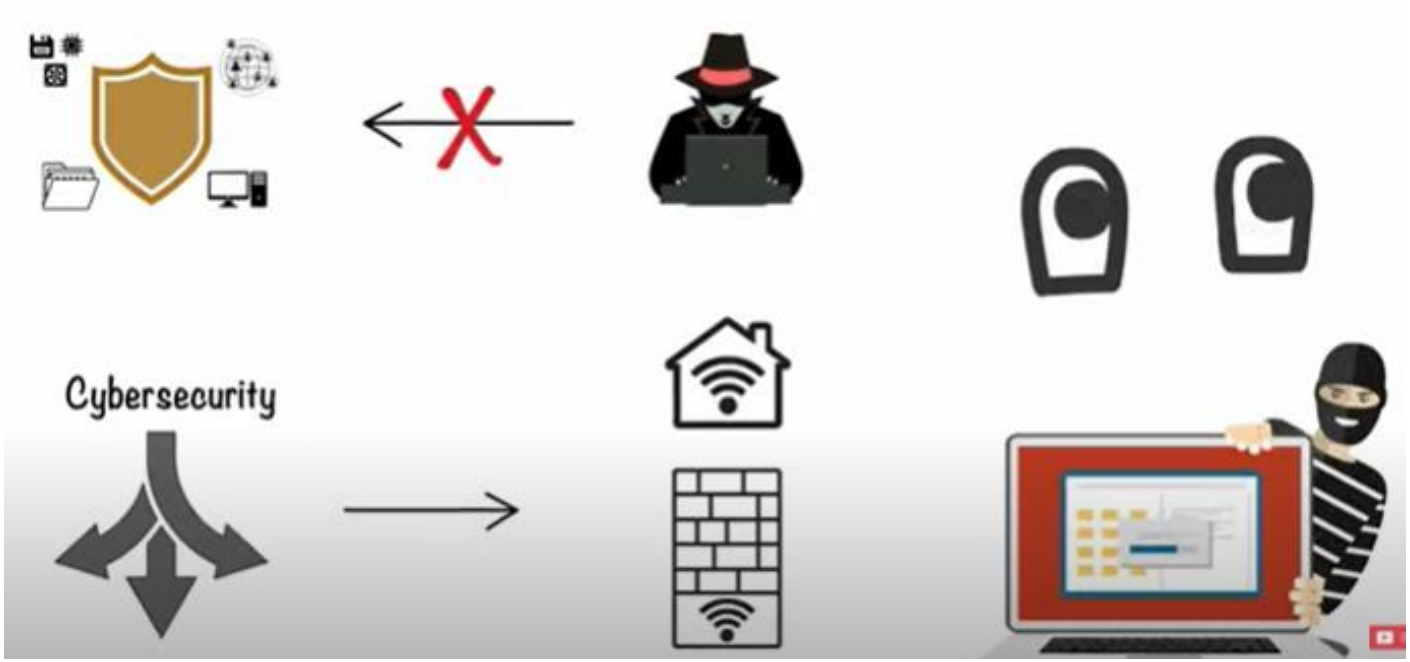
What is Cybersecurity



Watch the video here:
[What Is Cyber Security: How It Works?]

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Tech Demos

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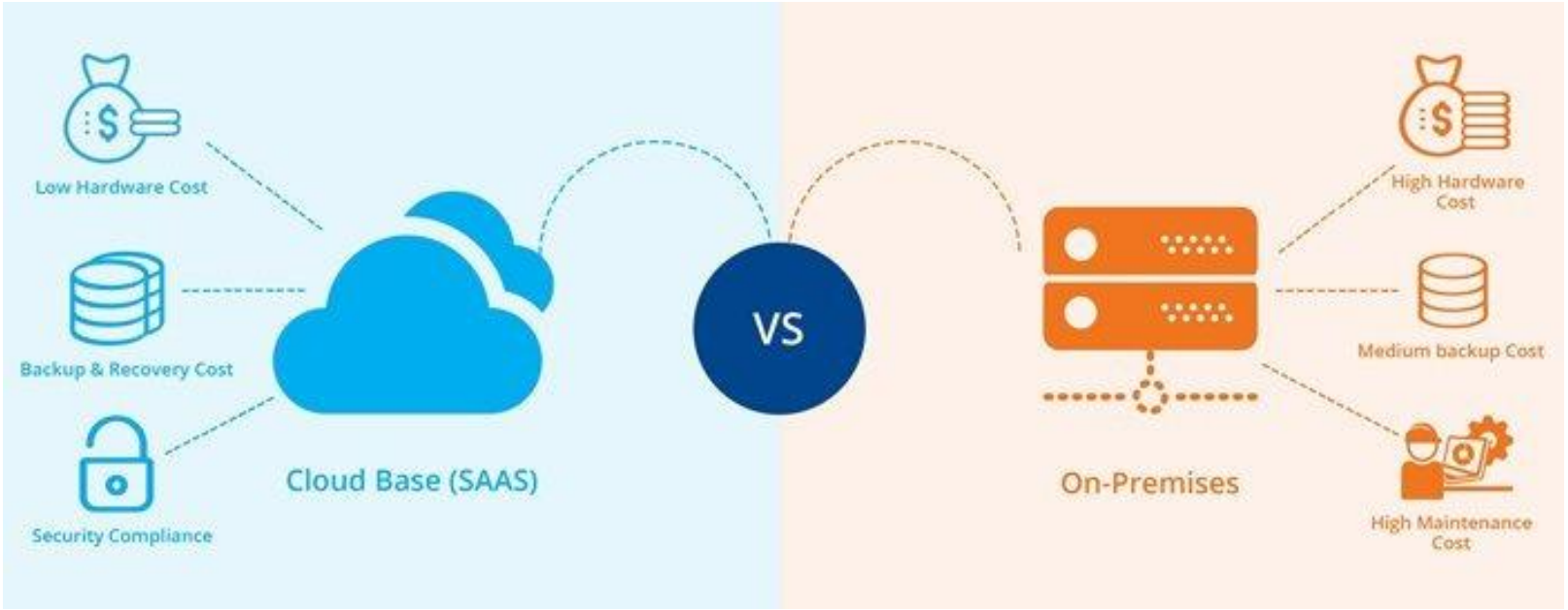
To Cloud or not to Cloud?



Hosted on cloud vendors' servers, and accessed on web browser

Monthly/annual subscription, recurring fees for support, training and updates

Hosted locally on company's own computers and servers

One-time license fee with recurring fees for support, training and updates

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Cloud vs On-Premise

Cloud Lowers Total Cost of Ownership

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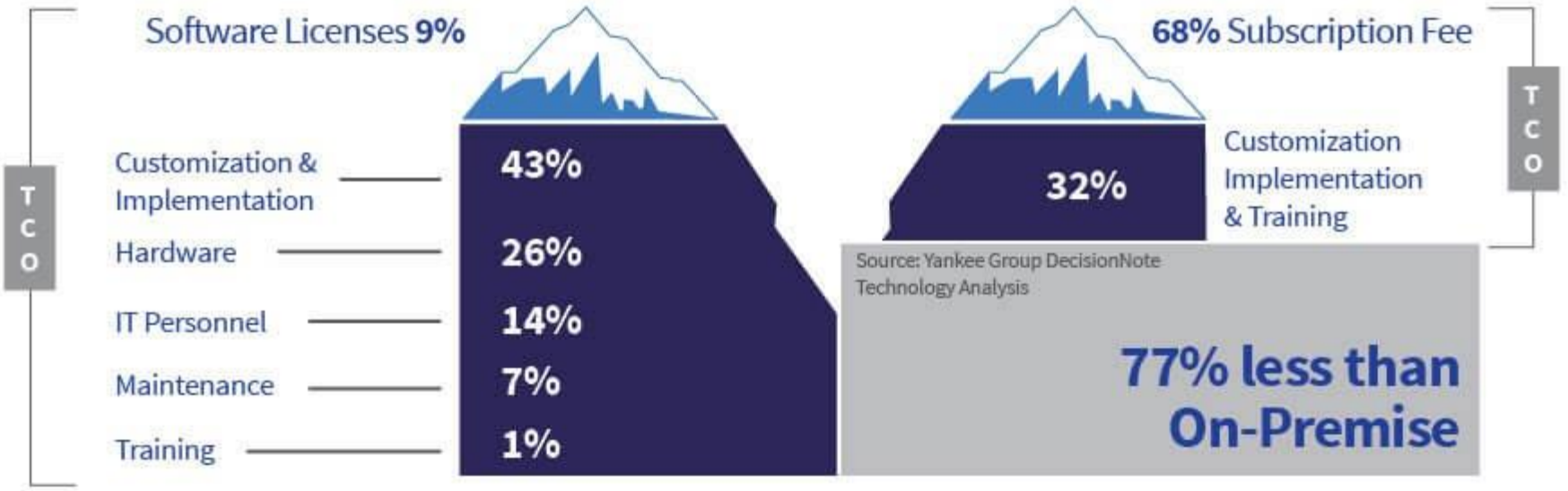

"Customers can spend up to four times the cost of their software license per year to own and manage their applications."

- Gartner
"The End of Software"

"Cloud computing yields substantial economies of scale and skill, and lowers total cost of ownership (TCO)."

- The Hurwitz Group
"The Compelling TCO Case for Cloud Computing"

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Key Considerations

On-Premises

9%
software licenses

Customization & implementation
Hardware
IT personnel
Maintenance
Training

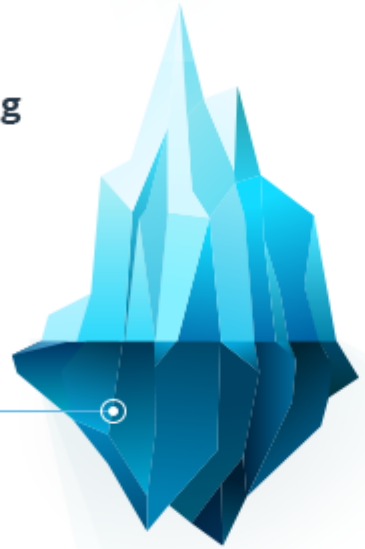
Ongoing costs

- Apply filters, patches, upgrade
- Downtime
- Performance tuning
- Rewrite integrations
- Upgrade dependent applications
- Ongoing burden on IT
- Maintain/upgrade hardware
- Maintain/upgrade network
- Maintain/upgrade security
- Maintain/upgrade database

Cloud Computing

68%
subscription fee

Implementation, Customization & training



Ongoing costs

- Subscription fee

- Ease of access
- Infrastructure
- IT Manpower
- Server Safety
- Cybersecurity
- Internet
- Cost effectiveness

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Cloud ERP vs. On-Premise ERP

Source: [Cloud ERP vs. On-Premise ERP (softwareadvice.com)]

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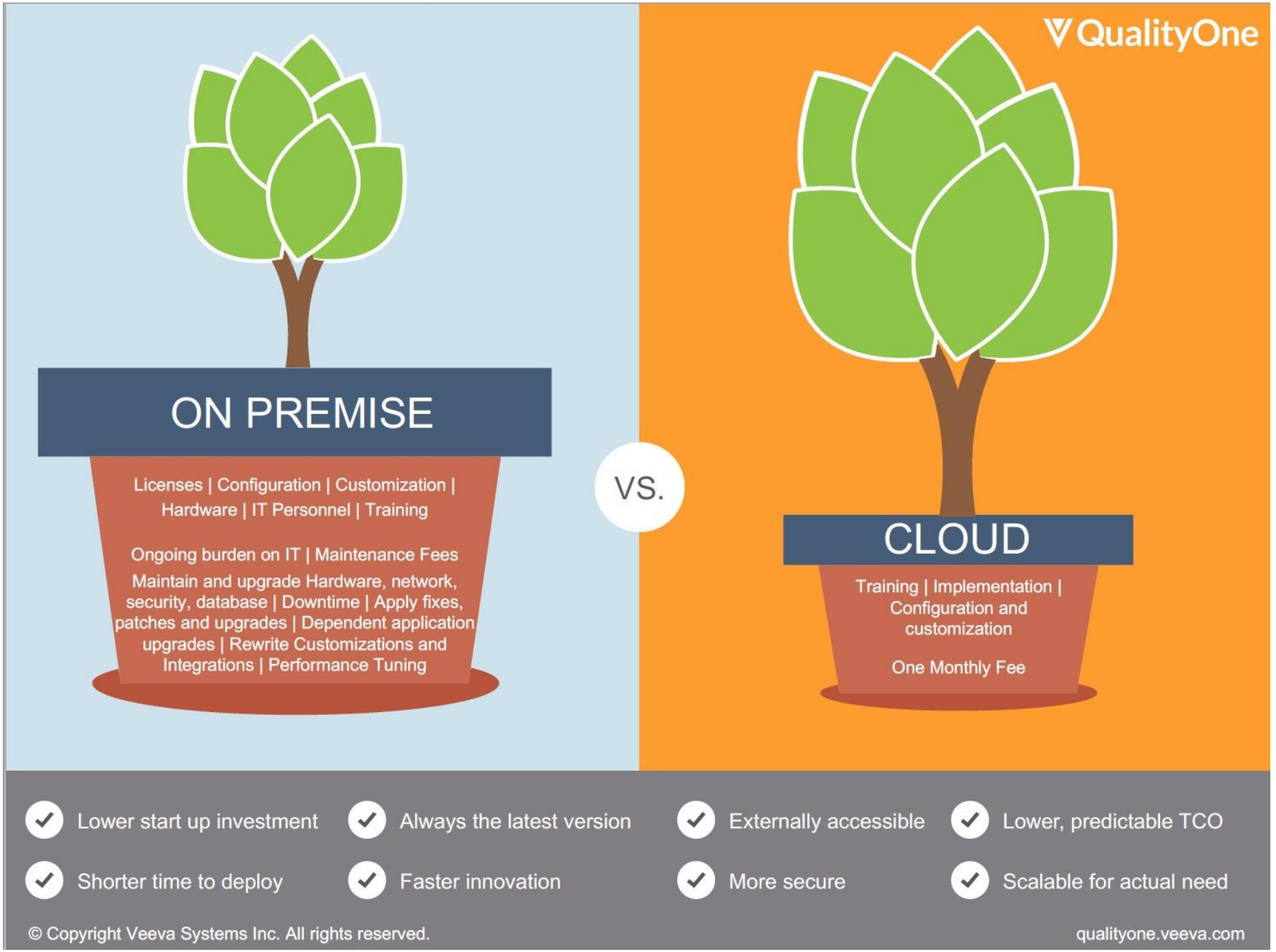

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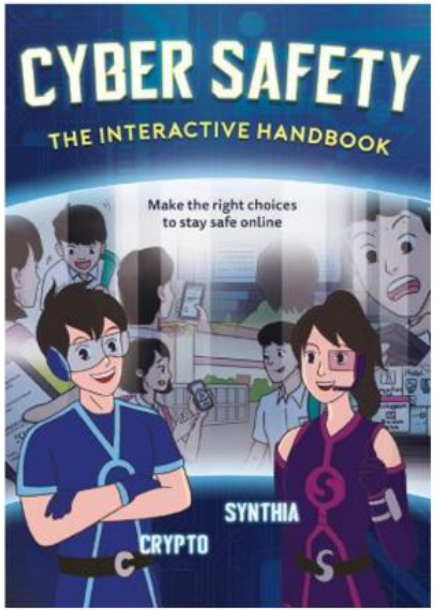
Resources

[Singapore's Safer Cyberspace Masterplan 2020 (csa.gov.sg)]

[Singapore Cyber Landscape 2019 (csa.gov.sg)]



[Cyber Safety Interactive Handbook (csa.gov.sg)]

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Tech-and-GO! Funding for NCSS Members & SSAs funded by MSF

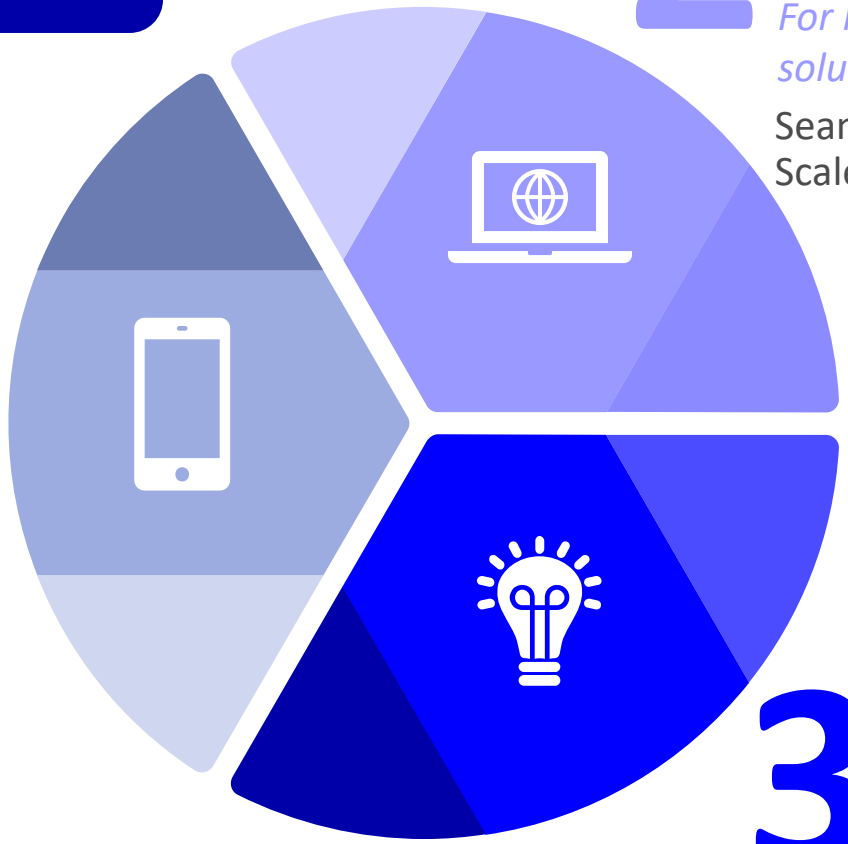
KPIs: 10% Productivity Gain
70% Staff/Client Satisfaction

1 Start Digital

80% capped at $30k

For pre-scoped IT Solutions

Improved Client Experience,
Optimised Operations



2 Go Digital

80% capped at $300k

For large-scale/specialised IT solutions

Seamless Client Experience,
Scaled & Integrated Operations

3 Consultancy

80% capped at $40k

Digital Implementation,
Digital Strategy Planning

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What's next?

Apply for Tech-and-GO! From 4 – 29 Jan 2021
To access application form, please visit *(forms will be up by 4 Jan 2021)*:
https://www.ncss.gov.sg/Our-Initiatives/Tech-and-Go/Funding

Look out for more TechUP Friday! next year
Get equipped in Cybersecurity and Data Protection
Learn about more digital solutions

For more information, please
Visit https://go.gov.sg/tng or contact Tech-and-GO@ncss.gov.sg

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Thank You for Joining TechUP Friday!

Indicate your interest in the grant, subscribe to our mailing list or provide us your feedback by scanning this QR code:

https://go.gov.sg/techupfeedback-18dec

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