

### Module 3 - Network Security - Collaborative discussion 1

#### Unit 2 - "Peer Response" for a student

Hello Michael, this was a great approach to the topic at hand. It is clear, concise and to the point, easy to read and thought provoking.

You have stated "Organisations that are seeking sustainability and growth try to synergise as much of their workflows with Information and Communication Technology" in order for a business to improve and take a lead. This statement can also be further supported by a study carried out by Yuan et al (2020), who state that "technological innovation is not achievable without digitalization".

You also stated that "The cyber security challenges for a bricks and mortar SME trying to achieve "digital synergy" is nuanced in both pros and cons when compared to larger organisations". According to Spremić & Šimunic (2018), the main focus of cybersecurity is to design and implement effective controls. This may be very difficult for many SMEs due to the first two points which you have expertly highlighted, especially because of the skills shortage. Willmott (2013), claims in their study that finding and attracting competent individuals will be a challenge.

However, I think that attackers would see SMEs as an easier target for a quicker return on investment for their time and effort in launching a successful attack due to the lack of available talent (Mohamed, 2018).

#### References

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Oswald & Kleinemeier (2017) Shaping the digital enterprise. Cham: Springer International Publishing.

Spremić, M. and Šimunic, A., 2018, July. Cyber security challenges in digital economy. In Proceedings of the World Congress on Engineering (Vol. 1, pp. 341-346). Hong Kong, China: International Association of Engineers.

Willmott, P (2013) McKinsey Digital. The Digital enterprise. Available from: <https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/the-digital-enterprise>

Yuan, S., Musibau, H.O., Genç, S.Y., Shaheen, R., Ameen, A. and Tan, Z., 2021. Digitalization of economy is the key factor behind fourth industrial revolution: How G7 countries are overcoming with the financing issues?. *Technological Forecasting and Social Change*, 165, p.120533.