
Unit 2: Advanced Persistent Threats: Applying the Cyber Kill Chain Model to a Case Study

Peer Response 1: Digitalisation – What are the Security Implications of the Digital Economy?

In reply to Salem Khalfan Saeed Rashed Alnuaimi

Re: Initial post

by [Andrius Busilas](#) - Wednesday, 26 June 2024, 1:09 PM

Peer response

Hi Salem,

Your exploration of what constitutes a fully digital enterprise is both comprehensive and insightful. You've effectively defined it as an organization that has completed a journey of digital transformation, leveraging technology to enhance internal operations and deliver value to stakeholders (Mukherjee, 2023; Tucci and Hanna, 2022). The stages of digital transformation—from exploring to becoming—provide a clear framework for understanding how companies evolve through the integration of digital technologies (Wei, Sanborn, and Slaughter, 2019).

I appreciate your emphasis on the cybersecurity challenges faced by fully digital enterprises (Spremic and Simunic, 2018). Your identification of data breaches, ransomware attacks, phishing, and insider threats underscores the importance of robust security measures in today's digital landscape. Moreover, your inclusion of specific tools and strategies for bricks and mortar SMEs to transition to digital operations adds practicality to your discussion.

Your linkage of the energy crisis of 2022 to digital transformation in the energy sector is particularly timely (Euronews, 2022; Marchant and Chainey, 2022). The crisis has indeed accelerated the adoption of digital technologies in energy production and management, highlighting both opportunities and challenges such as cybersecurity threats and infrastructure investment needs.

Overall, your post provides a comprehensive overview of the complexities and opportunities associated with becoming a fully digital enterprise. It effectively combines theoretical

frameworks with practical examples, making it a valuable resource for understanding digital transformation in various sectors.