

INITIAL POST

Information, procedures, work, and people are all integrated in a real digital enterprise, allowing the entire firm to interact more efficiently and effectively.

Employees can collaborate from any location, which is one of the major advantages of digital transformation. However, to ensure that they can do it safely, cybersecurity must be adequately implemented.

There are times when there are conflicts between business decision and the view of the business risk. Security isn't keeping pace with the digital transformation

In many circumstances, digital transformation necessitates the use of cloud computing services. As businesses become more digital, they face more cybersecurity challenges, some of which are listed below-

- Data Threats
- Issues related to Identity and Access Management
- Technology (Hardware/Software) Vulnerabilities
- Social Engineering Attacks
- Shortage of Cybersecurity Professionals

There are challenges for a bricks and mortar SME wanting to go digital are-

- IoT (Internet of Things Vulnerabilities and Attacks)
 - IoT devices were one of the most significant innovations for SMEs and brick-and-mortar retailers, but all these devices represent security threat entry points of cyber criminals
- PoS (Point of Sale) Attacks
 - Point of Sale Machines record a large number of transactions every day customer's name, address, phone etc. For cybercriminals, this information is extremely valuable and can be utilized for both personal and financial gain.

REFERENCES:

1. Cybersecurity: Linchpin of the digital enterprise [July 2019]

<https://www.mckinsey.com/business-functions/risk-and-resilience/our-insights/cybersecurity/cybersecurity-linchpin-of-the-digital-enterprise>

2. National Cybersecurity Challenges and NIST [N.D.]

https://www.nist.gov/system/files/documents/director/dodson_NIST-cybersecurity-program.pdf