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Summary Post

by [Lauren Pechey](#) - Saturday, 19 July 2025, 7:03 PM

**Digital Transformation and Cybersecurity**

Across our discussion, we agree that a fully digital enterprise is one that embeds digital technologies like cloud computing, AI, IoT, and data analytics into every part of its operations and decision-making. This deep integration boosts efficiency and competitiveness and, as Doroiman and Sirghi (2024) explain, can drive wider economic growth when measured through indicators like the DESI.

However, this digital shift comes with growing cybersecurity challenges. As Arshad and Azzam (2023) point out, fully digital businesses face increased risks such as ransomware, data breaches, and supply chain attacks, especially as they rely more on cloud services and connected systems. There are also ongoing legal obligations like GDPR compliance that add complexity (Voigt & von dem Bussche, 2017).

For SMEs transitioning from traditional models, limited budgets, outdated systems, and low employee awareness create further security gaps (Karim, Gide & Sandu, 2018). Investing in staff training, basic security controls, and a clear plan to manage risks are all vital steps to balance digital innovation with resilience.

References

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