Your post is a concise introduction to the digitisation process. It effectively highlights the challenges for a brick-and-mortar SME in becoming a fully digital enterprise. Stuxnet infiltrating industrial equipment is a strong real-world example that provides insight into the potential future challenges ahead for an enterprise.

I agree that the “human factor” is a huge barrier to achieving true cybersecurity. For example, 84% of attacks involve some form of phishing (DSIT, 2024). To me, this indicates a lack of cybersecurity awareness across the workplace, and it needs to be addressed. You raised the point that enterprises must be aware of how to circumvent these risks, but what can an enterprise implement to achieve this?

References

* DSIT. (2024) Cyber security breaches survey 2024. Available from: <https://www.gov.uk/government/statistics/cyber-security-breaches-survey-2024/cyber-security-breaches-survey-2024#chapter-4-prevalence-and-impact-of-breaches-or-attacks> [Accessed 09 August 2024]

I find the issues affecting CrowdStrike incredibly confusing. How can a multi-billion dollar company (Stock Analysis, 2024) neglect basic software and update testing? In my opinion, this reflects the views expressed in various other posts, where human error is a huge factor affecting cybersecurity. It is inexcusable for a “coding mistake” (Zurier, 2024) to cause such a lack of availability.

Regarding your comment on the lack of cloud computing resources, I’m not entirely sure where Flat Rock Technology received its data. Cloud computing is one of the biggest growing industries, and is expected to $2.5 trillion by 2031 (Morkos, 2023). Its flexibility and availability, along with the ability to rapidly provision resources, are major reasons for its significant growth (Gutierrez, 2015). Can you expand on what they may mean by a lack of resources?

References

* Gutierrez, A. et al. (2015) Technological, organisational and environmental factors influencing managers’ decision to adopt cloud computing in the UK. *Journal of enterprise information management* 28 (6): 788–807. DOI: https://doi.org/10.1108/JEIM-01-2015-0001
* Morkos, R. (2023) Powering The Growth Of Cloud Computing: Infrastructure Challenges And Solutions. Available from: <https://www.forbes.com/sites/forbestechcouncil/2023/07/24/powering-the-growth-of-cloud-computing-infrastructure-challenges-and-solutions/> [Accessed 09 August 2024].
* Stock Analysis. (2024) CrowdStrike Holdings, Inc. (CRWD). Available from: <https://stockanalysis.com/stocks/crwd/market-cap/> [Accessed 09 August 2024].
* Zurier, S. (2024) Massive CrowdStrike outage caused by an out-of-bounds memory error. Available from: <https://www.scmagazine.com/news/massive-crowdstrike-outage-caused-by-an-out-of-bounds-memory-error> [Accessed 09 August 2024].