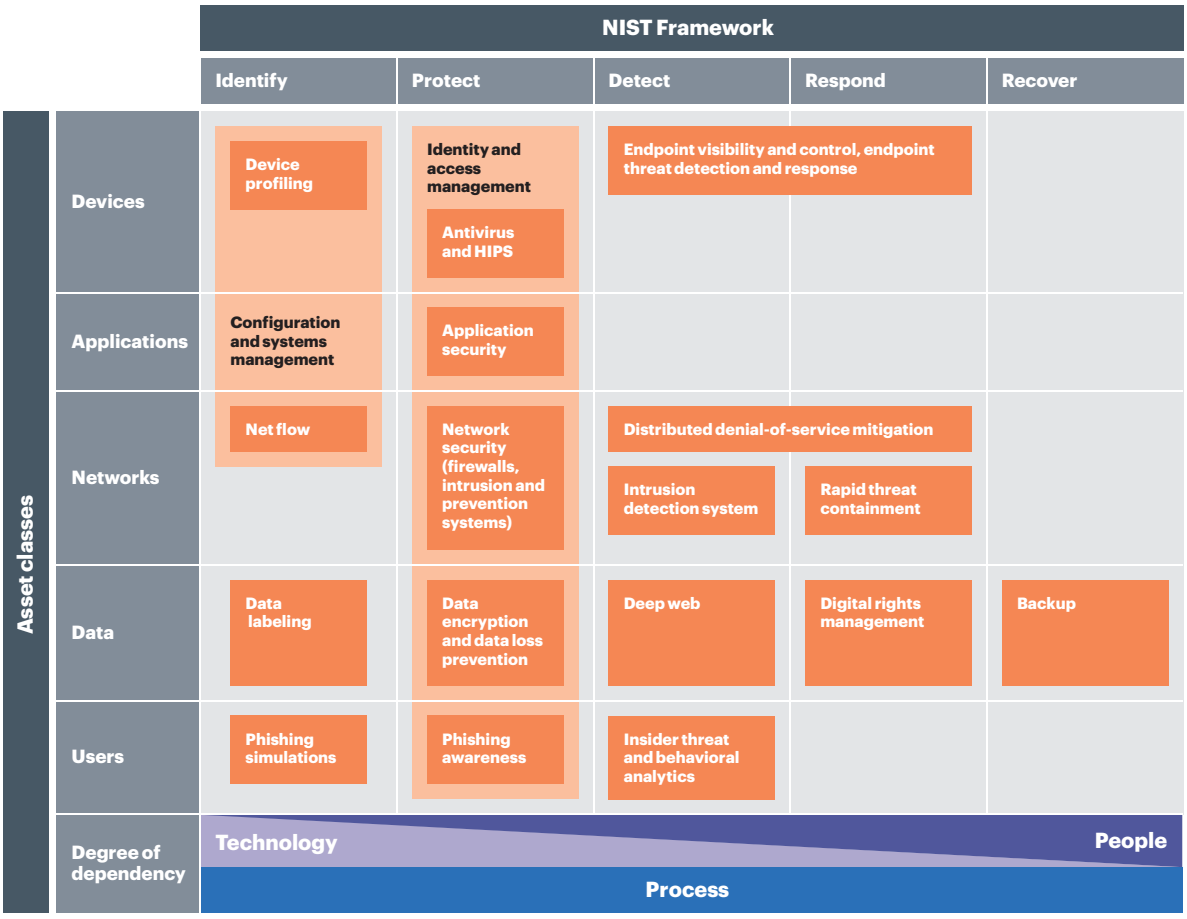
Figure 13

A cyber-defense matrix can help optimize the cybersecurity portfolio



Note: HIPS is host-based intrusion prevention system. NIST is National Institute of Standards and Technology.

Sources: RSA, National Institute of Standards and Technology; A.T. Kearney analysis

2 The Cybersecurity Challenge is Escalating

In section 1, we highlighted that ASEAN countries are a prime target for cyberattacks, and a low level of preparedness makes the region particularly vulnerable. There is a need for urgency in addressing the problem as the threat landscape will escalate.

In the rapidly evolving cyber landscape, four issues must be addressed:

- The growing interconnectedness across the region and geographical dispersion of the physical supply chain will intensify systemic risk, making the region only as strong as its weakest link.
- Diverging national priorities and varying paces of digital evolution will continue to foster a sustained pattern of underinvestment.
- Limited sharing of threat intelligence, often because of mistrust and a lack of transparency, will lead to even more porous cyber defense mechanisms.