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Presentation Title: Access control best practices: **Effectively determining a well- managed and implemented cybersecurity governance strategy**

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Abstract:

Digital transformation is dramatically changing the world by making it more connected and constructive. Rules such as access control are being re-written consistently. The manner in which digital transformation is approached is very diverse with guidance from laggards and leaders. Today's ubiquitous technology world houses data, which denotes one of the utmost complex risks for businesses,' and organizations' operational undertakings, standing, as well as the bottom line. The overall mission is to embolden staff within businesses and organizations to achieve more with less. This mission is complicated, yet delicate. Efficacious digital transformations necessitates the delivery of IT services through a quick, agile, and methodical approach. External and internal customers are rewarded with information and choices, while digital technology transformation enhances money matters. Also, such a transformation occurs through beliefs that the best ideas, and tools are safeguarded. Confidence in systems is at the core of customers, internal and external, believing that they can trust digital technology usage due to a well- managed and implemented cybersecurity strategy. Such a strategy requires well developed governance to guide usages which involves leadership influencing behavior, culture, and accessibility. Businesses and organization must continually seek digital transformation in the cyber world or stand on the sidelines and watch the consistently evolving disruptions. Since 2005, the Big Boom age, businesses and organizations have and continue to experience data breaches whether through internal accessibility or hacking. Forbes reported that the global average cost of a data breach is up 6.4 percent from 2017 and stands at $3.86 million. Additionally, the same report noted and annual increase of 4.8 percent regarding the average cost for every lost or stolen record comprising delicate and confidential information.
The National Conference of State Legislatures offers information by state on "Laws Addressing Hacking, Unauthorized Access, Computer Trespass, Viruses, [and] Malware". This presentation offers a cybersecurity strategy for access control best practices. By reading this text, leaders, academics, and practitioners will gain usable knowledge to control system accesses that can be used in governance and compliance for the purpose of lessening security breach concerns.

Key Words: cybersecurity, digital transformation, ubiquitous technology, unauthorized accesses, strategy, digital technology, access control