FIS

7 principles for a strong cybersecurity strategy

If ever there was a race with no ending, cybersecurity would be it. As quickly as technology advances, so do the vulnerabilities. Cybersecurity controls that are effective today are often defenseless against tomorrow's threats. To help organizations get a better grasp of their standing in the evolving cybersecurity landscape, we've outlined seven principles below.

1 The cloud is a growing target for cyberattacks

When remote work became the norm during the pandemic, adoption of cloud-based services grew exponentially – and so did the risks of a breach. A 2022 survey of IT professionals in small- and mid-sized organizations revealed how large a target the cloud has become. More than half reported an increase in the volume and complexity of attacks on their organization, as well as an increase in the impact of those attacks. Ransomware posed a significant threat with 67% experiencing that type of attack.

2 False positives are a challenge in cybersecurity management

Threat detection is crucial to identifying and mitigating compromises, yet false positives continue to be a significant distraction for cybersecurity teams that are already stretched thin. Only 33% of organizations have the resources to detect and respond to threats, while even fewer (25%) have processes in place to respond to security threats around the clock.

3 Cloud Security Posture Management (CSPM) is critical

Due to the dynamic nature of cloud operations connecting various networks and users, traditional security practices offer insufficient protection. By providing a single view into risk monitoring across multiple cloud environments, CSPM automates and streamlines threat detection. With centralized visibility into and control over all cloud resources, CSPM prevents misconfigurations and reduces the complexity of cybersecurity management.

4 Consumer protection efforts are influencing cybersecurity activities

Industry mandates like the GDPR are highlighting the misuse of data and the need to secure sensitive information. This is prompting organizations to focus on protecting data against bad actors operating both within and outside their systems. It's good for business, since consumers are more aware of threats and are accustomed to cybersecurity processes like CAPTCHA tests and two-step authentication.

5 Don't rely on technology alone for protection

As cybersecurity threats become more frequent, complex and persistent, organizations cannot rely on technology alone for protection – they need the human touch. By combining and centralizing an organization's cybersecurity resources and personnel into a single team, security operations centers (SOCs) enable organizations to more quickly and effectively monitor, prevent, detect, investigate and respond to security incidents 24/7.

6 Transition to a proactive approach

Another reaction to the breadth and complexity of cloud security is the transition from reactive cybersecurity management to proactive threat hunting. More organizations are implementing a zero trust strategy that requires all users to be authenticated, authorized and continuously validated when accessing applications and data. Honeypots are being used to lure cybercriminals away from legitimate targets and gather information about their methods and motivations. Organizations are also employing kill chain analysis to identify cyber vulnerabilities and ensure sufficient controls are in place to ward off attacks.

7 Consolidate and streamline your cybersecurity efforts

Due to the costs and complexities of managing multiple technologies, more organizations are seeking a centrally managed solution that consolidates, prioritizes and streamlines their cybersecurity efforts. Security vendor consolidation addresses many of the operational inefficiencies as well as the lack of integration associated with multiple security solutions, and 75% of organizations are pursuing vendor consolidation, up from 29% in 2020.

About FIS

FIS is a leading provider of technology solutions for financial institutions and businesses of all sizes and across any industry globally. We enable the movement of commerce by unlocking the financial technology that powers the world's economy. Our employees are dedicated to advancing the way the world pays, banks and invests through our trusted innovation, absolute performance and flexible architecture. We help our clients use technology in innovative ways to solve business-critical challenges and deliver superior experiences for their customers. Headquartered in Jacksonville, Florida, FIS ranks #241 on the 2021 Fortune 500 and is a member of Standard & Poor's 500® Index.

To learn more, visit **www.fisglobal.com**. Follow FIS on **Facebook**, **LinkedIn** and **X** (@FISGlobal).

www.fisglobal.com/contact-us

twitter.com/fisglobal

linkedin.com/company/fis

FIS | ADVANCING THE WAY THE WORLD PAYS, BANKS AND INVESTS™