
AFSA
AMERICAN FINANCIAL SERVICES ASSOCIATION
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Bellagio Las Vegas
ALL IN IT TO WIN IT

Build in Governance at the Foundation of Cybersecurity Ops

- Establish a foundational core value of cybersecurity and safeguarding customer information

Identify Risks and Establish Controls and Goals

- Systematically identify and catalog risks – physical, logical, operational, data; establish controls and risk mitigation plans (on a risk rated basis) – start with a top three and fully implement those; then take on the next three, and so on…

Build Security into Key Processes

- Establish regular 3rd party scans and penetration tests of production systems (and local networks) to identify and remediate any vulnerabilities and don't forget 3rd parties – particularly those who access customer information

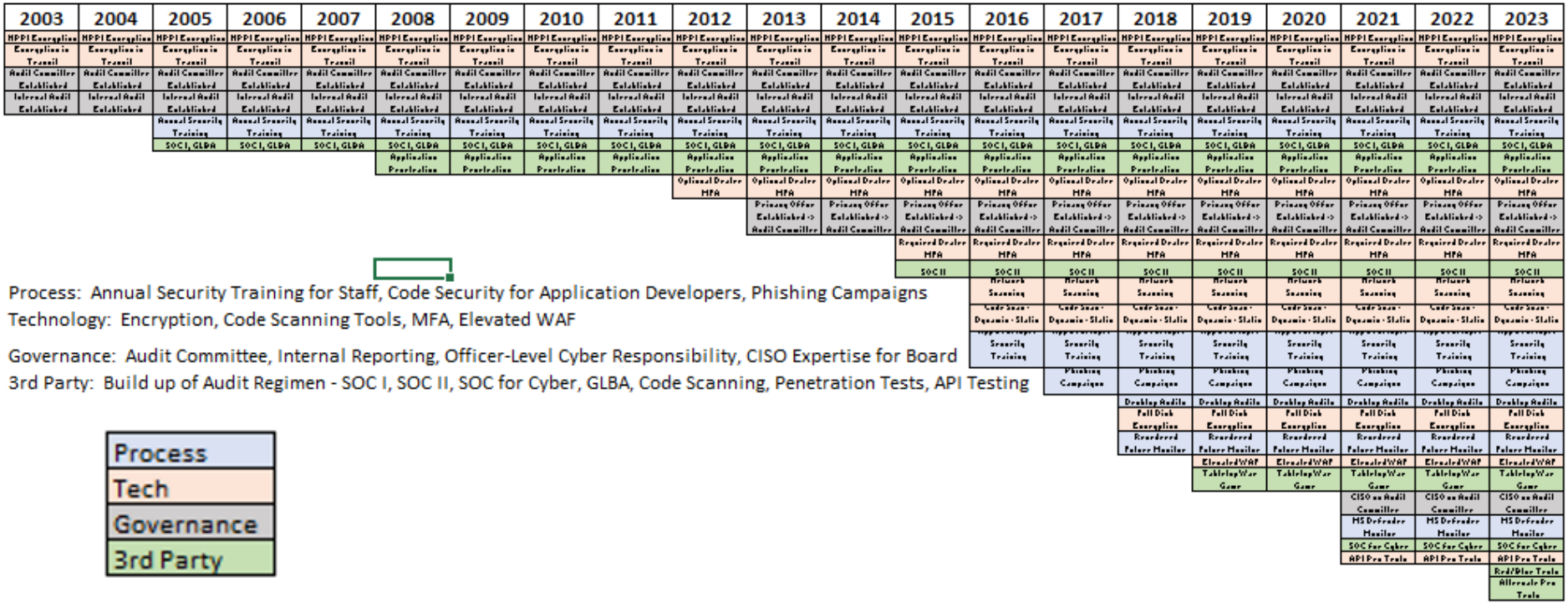
Continually Elevate Standards

- The risk environment is evolving very rapidly – your toolkit needs to evolve, too

Get Your Board Involved

- Cyber risk should be specifically enumerated as scope for Board Audit Committees – have external security auditors publish directly and present to the Audit Committee annually

We'll Never Be Done – Build Layers of Cyber



Checklist + Resources to Get Started

Concept	Lower Investment	Greater Investment
Identify Executive Leader	Focus on executive leader with responsibility distributed among existing staff	Hire dedicated resource with execution responsibility for cyber matters
Catalogue risks and identify mitigation strategies	Internal resources	Supported by 3rd party experts
Develop training for staff on cyber matters	Internal resources supported by open source (NIST) standards	Supported by 3rd party experts
Begin scanning systems	License tools operated by internal staff	Supported by 3rd party experts
Audit key vendors	Internal resources supported by open source (NIST) standards	Internal resources supported by open source (NIST) standards
Provide the security function dotted line direct access to the Board and Audit Committee	None required	None Required

- **NIST Cybersecurity Framework Website** – Great resources to get started with the industry standards:
  - https://www.nist.gov/cyberframework
- **CISA Shields Up Website** – Helpful guidance on preparing for, responding to, and mitigating cyber attacks
  - https://www.cisa.gov/shields-up
- **The Hacker News** – Website that tracks and reports on vulnerabilities to ensure your organization has good threat awareness
  - https://thehackernews.com/search/label/Vulnerability
- **Ultimate Windows Security** – Website that focuses on the vulnerabilities on the platform that runs most office networks
  - https://www.ultimatewindowssecurity.com/
- There are many others – as you do research you can confirm what is most meaningful for your organization