



SPEAKER: ROB STRICKLAND

Security Audits – Friend or Foe?

 **M37** VENTURES

EXECUTIVE LEADERSHIP TEAM



**ROBERT "ROB"
STRICKLAND**

CEO, IT Leadership and
Strategy, Advisory

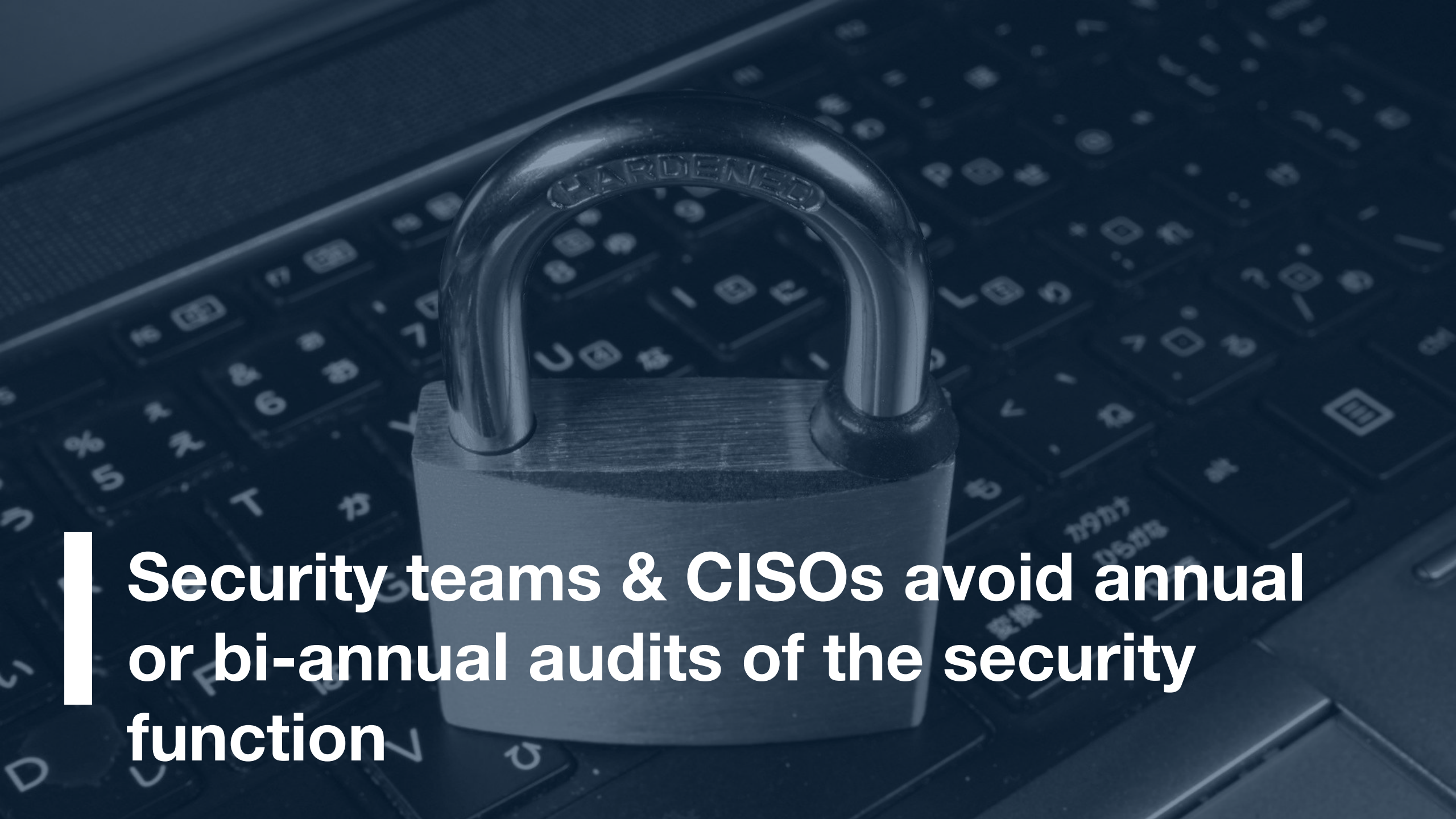


**KYLE
STRICKLAND**

President, Biz Dev, Startups,
and Marketing

EXPERIENCE FROM MANY SIDES





Security teams & CISOs avoid annual or bi-annual audits of the security function

A dark brick wall is covered with a dense grid of security cameras. A vertical window is centered in the upper half, and a door is centered in the lower half. Two people are standing at the bottom of the frame, looking up at the wall. The overall scene is dimly lit, suggesting a surveillance or security theme.

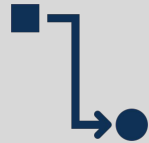
An Audit can assist the CISO and team to understand & act, aligned

5 Pillars of Technology Management

PEOPLE



PROCESS



STRATEGY



TECHNOLOGY

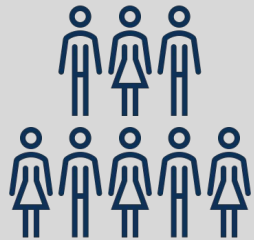


GOVERNANCE



5 Pillars of Technology Management

PEOPLE



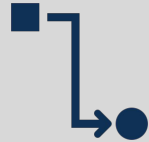
- Feedback on talent & assignments to workstreams
- Organizational structure
- Where to supplement the workforce/process (e.g. Guidepoint)
- Alignment across the company and BU heads
- Continue to improve the Culture of Security

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TECHNOLOGY

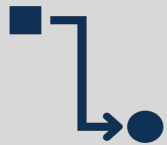


GOVERNANCE



5 Pillars of Technology Management

PROCESSES



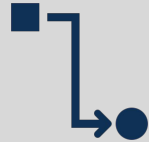
- Review of Security Policies
- Review of training programs and effectiveness
- Score carding or tracking specific KPIs for process improvement
- Alignment with industry standards and comparisons to these standards
- Identification of gaps or processes not yet in place
- Efficiency of controls... Processes and Technology
- Validate Play Books

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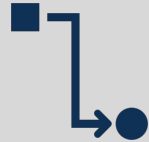
- Refinement and validation of the Security Plan of Record (~ 2 year)
- Review of Security posture and alignment to the Company Strategy
- Sign-off and socializing the Threat Risk Register by BU heads
- Best practices against industry leaders – Sectors vary
- Budget strategy – OPEX and CAPEX
- How to align Security with PDLC or service delivery of the Company
- Prepare for disruptive technology evolution
- Align to the goals of the business

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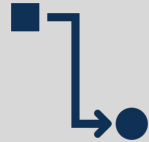
- Evaluation of Tools current in place
- Effectiveness of SOC
- Identification of newly emerging tools and techniques (e.g. AI)
- Determination of technology use for “Offense” and “Defense”
- Evaluate Technology Stack – standardized, simplified
- Find technology debt and complexity to de-Risk

5 Pillars of Technology Management

PEOPLE



PROCESS



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TECHNOLOGY



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5 Pillars of Technology Management

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- Security and PMO Alignment – work done and made secure
- Repeatable, scalable, measurable, financeable = valuable
- Not just the CISO's problem – Security IS EVERYONE's Responsibility
- KPIs and Dashboards reviewed in Operations Committees
- Of course, Audits – how are we doing?
- Everyone must know what to do in case of an event! Table Tops
- Demonstrate 3rd Party and supply chain security goals



**Case Study: Security Audit by Guidepoint Security
Interim CIO at Infovista**

Case Study: Security Audit by Guidepoint Security – 30 Days


- Review SOC and escalation tree - notifications
- Review of Help Desk and correlations between tickets and potential issues
- Review of all Tools and Processes/Procedures
- Full review of recent PenTest and remediation execution
- Interviews across the company – Security Team, Legal, BUs
- Review all access levels, permissions, logging and reporting
- Socialized Risk Register to Executive team and BU heads

Case Study: Security Audit by Guidepoint Security – 30 Days


- Initial push-back from Security Team – but became fully engaged & enlightened
- Very valuable feedback and identification of strengths/weaknesses
- Identification of tool gaps and opportunities
- Establishment of a Dashboard to further track Security Function and its outcomes/measurements
- Validation of process controls and procedural frameworks
- Full report available to the management team (transparency-ownership)
- Further validation of the Security 2-year Strategy

Sample Security Audit Best Practices – Guidepoint Security


Security Domain	Security Control Area			
 Security Governance	Security Resources	Security Req Management	Policy Management	Security Documentation
 Information Management	Data Classification	Data Handling & Labeling	Data Retention & Destruction	
 Personnel Security	User Lifecycle Management			
 Awareness Training	Awareness & Training			
 Access Management	Identity & Access Management	Access Review	Privilege Access Management	
 Configuration Management	Patch Management	System Hardening	Change Management	
 Security Incident Response	Incident Handling			
 Risk Management	Vulnerability Management	Risk Assessment	Security Testing	Compliance Management
 Business Resiliency	Business Continuity	Disaster Recovery		
 Third-Party Management	Contract Management	Vendor Due Diligence		
 IT Asset Management	Asset Acquisition & Receiving	Asset Tracking	Media Protection	Asset Disposal
 Physical Security	Perimeter Access	Internal Access		
 Security Architecture	Enterprise Standards	Secure Software Development		
 Security Operations	Network Security	Systems Security	Security Event Monitoring	Mobile Security
	Remote Access	Threat Intelligence	Data Backup	Data Encryption

 GuidePoint will perform a Security Program Review, that focuses on 40 Control Areas, spanning 14 Security Domains.



 GuidePoint will assess the maturity and risk associated with all 40 Control Areas to represent the current baseline of the Security Program.



 GuidePoint will develop a detailed report that provides a clear picture of the current state of the Security Program, including gaps and prioritized remediation actions.

Q & A



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