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2020 IT Audit Update

Audit Committee
September 2, 2020

IT 2020 Midyear Update

2020 – The year of the unknown and unplanned

SVCE pivoted from 100% office work to 100% remote work in ~1 week.

- IT Infrastructure was designed for working in office
- Pivot required upgrading tools to enable and monitor remote IT equipment

WFH brought up new issues and cybersecurity concerns.

- Staff systems no longer on internal SVCE network
- Increased exposure to attacks and vulnerabilities
- Home networks often less secure; highly variable work setups
- New Phishing Scams tied to pandemic paranoia

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IT / Cybersecurity Audit Update

RFP timeline extended due to Covid / WFH pivot

- 2-month delay
- Start date shifted from March 30th to June 1st

Scope of year three audit increased

- Added a Focused Security Assessment
- Deeper dive into current SVCE IT policies and new policy development
- More in depth Penetration and Vulnerability testing
- Added demand for more deliverables and reports
- Asked for WFH and Covid recommendations

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IT Audit Expansion – 2020 vs 2019

Task	2019	2020
Penetration Test		
Standard Penetration Test	x	x
Basic (External) Web Application Penetration Test	x	x
Vulnerability Assessments		
External Vulnerability Assessment	x	x
Internal Vulnerability Assessment	x	x
vulnerabilities – number of critical, high, medium and low specific implementable recommendations for improvements	x	x
Network Security Assessment		x
Web Application Assessment		x
Operating System Assessment	x	x
Firewall Assessment, Activate Directory Assessment		x
Review of current IT policies and procedures		
Assess the Security Management Practices	x	x
Assess current data security practices		x
Disaster Recovery Review		x
Compliance		x
Assess IRP		x
Risk Management		x
Risk Mitigation		x
Asset Protection		x
Security Policy Review	x	x
CIS Security top 20 Critical Security Controls	x	x
Deliverables		
Provide report of recommendations and findings at conclusion of Assessment	x	x
Results of all tests	x	x
Provide a point in time snapshot of SVCE's security posture	x	x
Architectural Weaknesses		x
Access control vulnerabilities		x
Network control and auditing weaknesses		x
Detection and response weaknesses		x
Policy Configurations		x
Passwords	x	x

IT Audit Status and Completion Steps

- Actual IT Audit and Focused Security Assessment work completed
- Initial reports beginning to be delivered
- Staff review of initial reports to develop prioritized remediation plan
- Implement remediation plan to address initial findings
- Present initial findings, remediations and final status at next Audit committee meeting.
- Begin planning for year 4 audit in 2021– resume previous schedule – Feb launch → April completion.

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Questions?