

Project Title

Fortifying Digital Defences: A Comprehensive Cybersecurity Strategy

Project Lead and Members

Project lead: Dr. Alan Wong

Project members: Mr. Darren Lam

Organisation(s) Involved

St Luke's ElderCare Ltd

Healthcare Family Group Involved in this Project

Healthcare Administration, Medical, Nursing, Pharmacy

Applicable Specialty or Discipline

Healthcare Administrators

Project Period

Start date: Nil

Completed date: Nil

Aims

To develop and implement a comprehensive cybersecurity and data protection strategy for St Luke's ElderCare (SLEC) that encompasses ongoing risk assessment, mitigation, and improvement, with the aim of enhancing the organization's overall security posture and protecting client sensitive data.

Background

See poster appended/ below

Methods

See poster appended/ below

Results

See poster appended/ below

Conclusion

See poster appended/ below

Project Category

Technology

Digital Health, Cybersecurity

Keywords

Cybersecurity, Security Posture, Data Protection, Corporate Governance, Security Vulnerability, Security Gaps, Security Risks

Name and Email of Project Contact Person(s)

Name: Mr. Darren Lam

Email: darrenlam@slec.org.sg

Fortifying Digital Defences: A Comprehensive Cybersecurity Strategy

Background

- Given the growing risk of cyber threats and data breaches, organizations must prioritize protecting themselves, particularly in a healthcare environment where client sensitive data is present.

Project AIM

To develop and implement a comprehensive cybersecurity and data protection strategy for St Luke's ElderCare (SLEC) that encompasses ongoing risk assessment, mitigation, and improvement, with the aim of enhancing the organization's overall security posture and protecting client sensitive data.

Problem Analysis

- Organizations face significant challenges in cyber security and data protection, which are interrelated areas critical for safeguarding sensitive information.
- Organizations must comply with regulations and standards while balancing the need for data access and sharing with data protection.

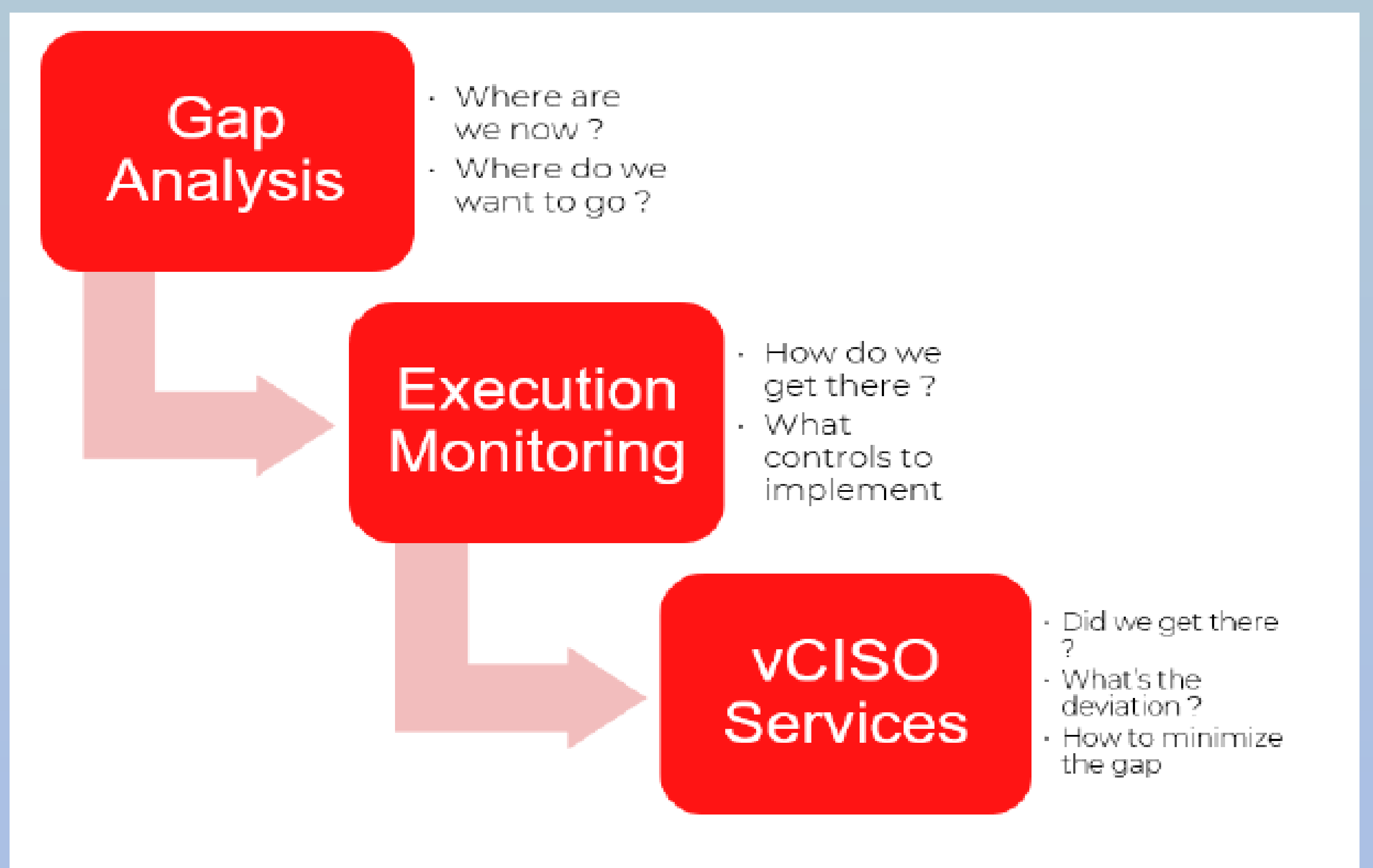
Project Design

- SLEC engages industry experts on a contract basis for vCISO and SecOps.
- This provides a combination of technical knowledge and corporate governance experience on a flexible basis.
- SLEC benefits from up-to-date industry insights and network and industry knowledge of the experts.

Outcome

- Gap analysis and review of security posture.
- Development of relevant information security policies.
- Monitor the implementation of recommended controls.
- Continuous validation of security posture after implementation

Approach and Methodology



Future Plan

- SLEC is committed to continuous improvement of its security posture to enable better service for clients and adoption of new technologies.
- SLEC aims to promote best practices in cybersecurity and data protection within the healthcare industry by sharing experiences and lessons learned.

NIST Maturity Level (Proposed)

