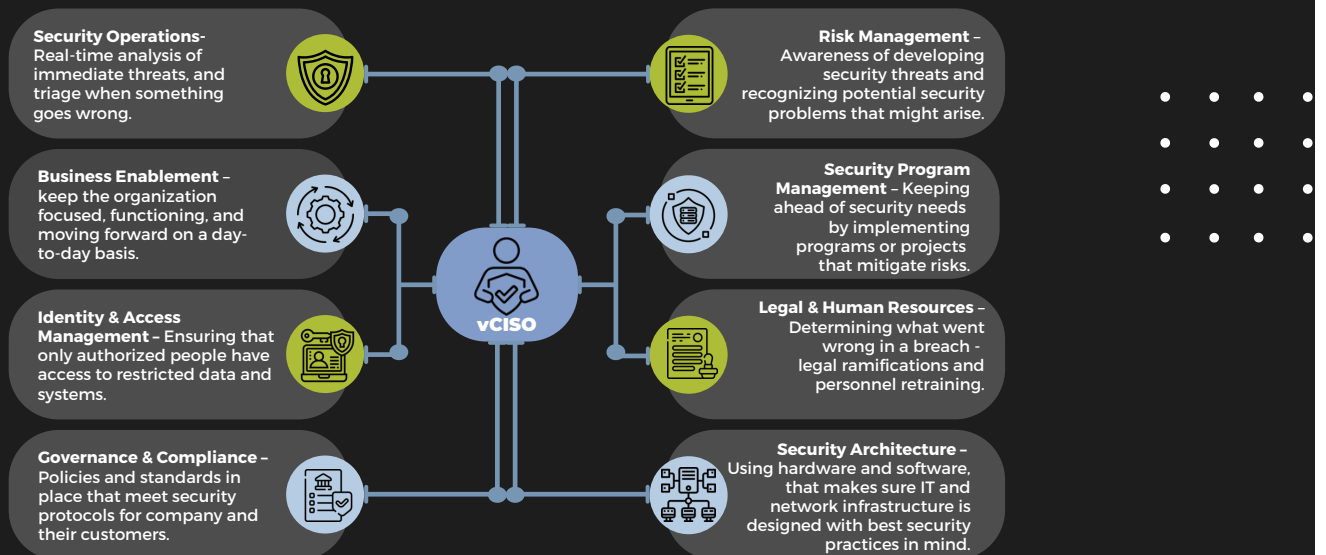# Benefits of Retaining a Virtual CISO

What is a vCISO?
Why does your business need one?

Small and Medium-sized Businesses (SMBs) have been the focus of a tremendous number of data breaches and cyber-attacks recently. According to the U.S. Small Business Administration, the 58.9 million SMBs in the U.S. that employ 47.5% of the nation's workforce were the target of 2 out of 3 of all cyber-crimes in 2018 alone. What's worse is that 60% of SMBs go out of business within six months of a cyber-attack.

Although large corporations can shoulder a good portion of the financial blow reputational damage when hit by a data breach, SMBs don't have the same luxury. It is for this reason that SMBs should consider a virtual Chief Information Security Officer (vCISO) to help manage and implement their cybersecurity and privacy strategies. Virtual CISOs turn their leadership and project prioritization expertise into focused strategies that help SMBs stay under budget and optimize forward progress.

Security Operations- Real-time analysis of immediate threats, and triage when something goes wrong.

Risk Management – Awareness of developing security threats and recognizing potential security problems that might arise.

Business Enablement – keep the organization focused, functioning, and moving forward on a day-to-day basis.

Security Program Management – Keeping ahead of security needs by implementing programs or projects that mitigate risks.

Identity & Access Management – Ensuring that only authorized people have access to restricted data and systems.

vCISO

Legal & Human Resources – Determining what went wrong in a breach - legal ramifications and personnel retraining.

Governance & Compliance – Policies and standards in place that meet security protocols for company and their customers.

Security Architecture – Using hardware and software, that makes sure IT and network infrastructure is designed with best security practices in mind.

More Information:
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(609) 429-0842

CYBERSECURITY
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Cybersecurity Services

Virtual does not mean absent

Whether it is SOC 2 or CMMC compliance readiness, GDPR data mapping, information security risk assessments, audit remediation, strategic planning, interim CISO services, or anything else information security-related, Harbor Technology Group, can help with our vCISO.

Risk Assessment

In today's world, every organization faces significant risk when it comes to their critical and sensitive data, information assets, and facilities. But how do you quantify and prepare for this cybersecurity risk?

Compliance

Program design and implementation of a cybersecurity framework that ensures effective compliance, risk and resource management. Delivers compliance for SOC 2, CMMC, ISO27001, NIST 800-53, HIPAA, NYCRR500, etc.)

Incident Response

Security incident response investigates the attack, contains its impact, takes immediate remediation actions, and ultimately restores data and systems to a protected state.

Continuous Monitoring

Often overlooked and potentially most important piece of a comprehensive security program is the continuous monitoring for threat activity and new vulnerabilities in your organization.

Virtual CISO (vCISO)

Whether you need high-level strategy, or deep technical expertise, Harbor's vCISO service will deliver expertise and experience in all areas of cybersecurity.

Governance

Cyber threats have grown so large that their consequences can significantly impact a company's valuation. As a result, network security and data privacy are now boardroom governance concerns.

Awareness Training

A comprehensive program to educate and test your staff over a period of time allowing them to recognize phishing attacks and other ways they can improve security in your organization through improved interactions.

Application Security

The application security program focuses on making your apps more secure by finding, fixing, and enhancing software flaws. The faster and sooner in the software development process you can find and fix security issues, the safer your apps will be.

Threat Protection

The foundation to a solid security program is quality security technology. Advanced security solution which will protect you from attacks and provide visibility into malicious activity.

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