

# Virtual CISO Services (vCISO)

Unrivaled Security Strategy and Guidance by HCTI  
Security Experts - Exceptional Results, No CISO Expense



## Introduction:

In a world where cyber threats lurk around every digital corner, the need for a vigilant guardian is paramount. Enter HCTI's vCISO services, a beacon of security in a sea of uncertainty. Powered by the Cynomi AI-driven platform, our virtual Chief Information Security Officer stands as a stalwart protector, combining decades of CISO expertise with cutting-edge technology. Let us fortify your defenses, redefine your security standards, and secure your digital future with unwavering confidence.



### The Challenge

Small and medium-sized organizations often lack the resources to employ a full-time CISO.



### The Solution

HCTI's vCISO Service is an excellent solution for organizations requiring high-level security expertise that helps minimize costs and reduce the burden on IT resources.

## Introducing vCISO Services by HCTI Defining, Managing, and Optimizing Your Security Programs

Powered by the Cynomi AI-driven platform and integrating decades of CISO experience, our vCISO service offers the benefits of an in-house CISO – at a fraction of the cost. We offer:

### Risk Assessments



Our team will perform a detailed assessment of your organization's cybersecurity risk profile to identify vulnerabilities, threats, and potential breaches. Utilizing this insight, we conduct a gap analysis to identify vulnerabilities and potential exploits and craft a comprehensive risk management plan aimed at mitigating the risk of cyber-attacks.

### Compliance Readiness



We recognize the crucial role compliance plays in your business. Our team is dedicated to ensuring your compliance with regulations like HIPAA, PCI-DSS, GDPR, and Support ISO 27001 guaranteeing that you meet all necessary requirements to safeguard your customers' data.

### Customized Security Policies



Our team crafts a personalized security framework that aligns with the organization's cybersecurity objectives, IT Environment, Tools and Risk profile providing you with actionable guidelines that are easy to implement and follow.

### Remediation Plans



Our team designs strategic remediation plans with prioritized tasks. Each task is clearly explained and presented in an intuitive manner, simplifying the implementation process. Additionally, each task is accompanied by its impact and criticality rating.

### Ongoing Management & Optimization



We oversee the ongoing implementation of remediation plans, monitoring, scanning, and making modifications as needed. This allows you to concentrate on your core business, confident that your digital security is well-maintained.

### Cyber Posture Reporting



Our detailed status and progress reports provide insight into your current security posture, improvement trends, compliance gaps, and industry benchmark comparisons. These reports reflect your current security standing, progress, and areas needing further attention.

# How Our vCISO Service Works

A scalable and eclectic approach to vCISO Services



Step 1

## Automated Cyber Profile

Together with you, we fill in a short series of questionnaires to assess your current policies, processes and tools. We also perform internal and external scans of your environment. Based on the answers and scan results, we automatically build a unique cyber profile for your organization.



Step 2

## AI-Driven Assessment

Leveraging the Cynomi vCISO platform - powered by proprietary AI algorithms and modeled on the expertise of the world's best CISOs - we parse your cyber profile against relevant external resources like the NIST Cybersecurity Framework, ISO 27001, CIS and other standards, industry benchmarks, and industry-based threat intelligence.



Step 3

## Day-to-Day vCISO Operations

We show you your current risk level, compliance readiness and overall cybersecurity posture, along with the tailor-made policies and remediation plan we created for you. Then we move to ongoing cybersecurity management - working with you daily to achieve and maintain the level of security and compliance we defined together. We constantly update your security posture, risk level, policies, plans and tasks based on changes in your IT environment or processes, changes in compliance requirements and the relevant threat landscape.

## Benefits

### Realize your security vision

Our vCISO services develop a roadmap, create plan of action, and implement changes. The end result: we help you bring your cybersecurity vision to reality.

### Get the right policies for YOU

We create a set of security policies and remediation plans tailored to your unique business and industry – ensuring you have the right controls in place to mitigate risk.

### Maintain compliance

We conduct automated and continuous compliance readiness assessments, then create an actionable plan with a prioritized task list to achieve and maintain compliance, while tracking progress toward compliance goals.

### Continuously manage cyber posture

Unlike one-time risk assessments that generate security posture and risk snapshots, our vCISO services continuously assess and update your real time security posture, risk level and compliance readiness.

### Get the benefits of a CISO

Our vCISO services provide you with the desired strategic support to improve your security posture without hiring an expensive full-time security executive.



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