



V-CISO Program

2020



Cost effective
alternative to full
time CISO



Improve incident
response
capability



Opportunity to
enable or extend
SOC capability

About Us

TITANS SECURITY Group includes five companies under one roof:



Provides GRC consulting services to our customers



Provides B2B, B2C and B2G training courses.



Provides managed services in the cybersecurity and GRC domains.



Provides placement and outsourcing of cybersecurity specialists.



Provides professional cybersecurity marketing solutions (e.g. Podcast, GlobalSec magazine, CISO Club, meetups, and conferences).

Every company deserves a dedicated **V-CISO** who understands their environment, industry, and business or regulatory needs. We work with companies to create a comprehensive plan to protect your bottom line and reputation.

TSG's V-CISO program enables clients to procure the knowledge, expertise and guidance of experienced and accredited CISO's on "as needed" basis without the overheads of full-time CISO function. The V-CISO will review current cybersecurity maturity level, defining new policies and procedures, and ensuring compliance with best practices, applicable standards and regulations.

CISO-as-a-Service is an abbreviation of "Chief Information Security Officer as a Service". Also known as virtual CISO, it provides you with the expertise of an external experienced information security consultant, in the most cost and time efficient way.

**THIS SERVICE CAN BE
CARRIED OUT REMOTELY,
OR ON-SITE**

Do we need a V-CISO Program?



- Ensuring the security of business confidential and sensitive data including your customer's sensitive personal and financial details requires constant attention. And though not every business demands the full-time commitment of an executive to oversee this function, small-to mid-sized businesses do need some level of security and intelligence already in place at larger corporations.
- That's where we step in. We can protect your organization at the same level you would expect from a full-time chief information security officer (CISO) through our virtual CISO (V-CISO) program without the steep investment of executive compensation and their associated benefits package. Work in collaboration with an advanced V-CISO professional, able to maintain a relationship with your team and become familiar with both your environment and industry so you can stay on top of constantly evolving threats and regulations.



V-CISO Program

At a Glance

- Access to board level expertise in cybersecurity
- Initial current cybersecurity assessment
- Potential to oversee remedial activities
- Refresh or renew information security policies and procedures
- Continued CISO availability to assure and advise
- GDPR/CCPA aligned service guidance
- Opportunity to enable or extend SOC capability
- Industry accredited resources, with CISSP, CISM, CRSIC, CISA, ISO 27001 Lead Auditor, and more
- Familiar and accepted security architecture models

Our V-CISO Program Features

Once you are onboarded as a V-CISO program customer, you'll have access to the following list of features:

Experienced GRC and Cybersecurity Practitioners

You'll have access to verifiable expert individuals who have held leadership CISO roles and have a proven wealth of industry experience.

Data Breach Ready

Our V-CISO's will oversee and co-ordinate to ensure your business is well prepared to deal with data breaches and cybersecurity incidents.

Regulatory Compliance and Governance

Our V-CISO's will manage and communicate with regulators for all data privacy and information security requests on your behalf.

Specialist Training Included

Our V-CISO's are experienced practitioners and offer specialist management-focused cybersecurity training as part of the V-CISO service. All of our V-CISO's consultants are required to continuously maintain their competence, achieving additional experience and certifications in this field.



| How Does TSG Approach V-CISO Engagements?

Our V-CISO program begins with a cybersecurity readiness assessment. It's important to understand the company's current maturity level of the existing security program, so we understand where to focus moving forward and improve it.

Once the cybersecurity readiness assessment is conducted, you'll get remediation suggestions from your V-CISO, who will be there every step of the way to help you tackle them. After remediation is complete, we reassess, help present the finding to executive leadership, and repeat the steps.

What's Included in our V-CISO Program?

Our V-CISO Program is divided into several pillars, and you can enjoy all, or modular activities as required:

Evaluate, Direct & Monitor

- Strategic and tactical leadership on information assurance, governance, and risk management
- Trusted advisory on information security and data privacy
- Strategic and tactical advice to address existing and evolving cybersecurity threats
- Representation for the client in regulatory queries.
- Participation and leadership in information security meetings, committees and interaction with board meetings, and other senior executives.
- Help identify, assess, and select cost efficient technologies.

Asses, Train and Manage

- Manage and oversee vulnerability assessments.
- Manage and oversee security penetration tests.
- Manage and oversee data privacy impact assessments (DPIA's).
- Creation, review and optimization of incident response plan (IRP).
- Planning and delivery of information security and data privacy awareness training to all company's employees
- Management of information security team.

Implement, Review and Improve

- Implement, maintain, review and improve existing information security management system (ISMS)
- Develop, implement, enforce and maintain information security policies, procedures and processes
- Develop, implement and improve the organization cyber resilience and incident response maturity to enhance the detection, prevention and response capabilities to cyber attacks.
- Implement, maintain, and improve a formal model for defense in depth
- Design, implement, maintain and improve a security architecture
- Manage the security compliance process and alignment with industry best practices and standard such as ISO 27001, ISO 22301, ISO 27032, ISO 27701, etc.

TSG's V-CISO Program

We offer a number of flexible solutions in terms of accessing our V-CISO services:

| Retainer

on a monthly contract that you can scale-up or scale-down.

| On a Project-basis

On a time and material basis, our V-CISO will oversee the whole project or parts of it.

Our Process

At TSG, we provide you with a highly experienced senior consultant, backed up by a team of information security experts. Our V-CISO program is flexible in delivery, tailored to your business objectives and resources.

Engagement we provide services such as:

- Develop a formal cybersecurity strategy
- Develop, implement, enforce and maintain cybersecurity policies and procedures
- Conduct periodical staff awareness training for information security and data privacy
- Can conduct periodical security assessments, vulnerability assessments, internal audits
- Develop, implement and maintain a formal business continuity management program
- Develop, implement and maintain a formal risk management program
- Ensure compliance to best practices standards and frameworks (such as ISO 27001, PCI-DSS, NIST, etc.)
- Ensure compliance to data privacy regulations (such as GDPR, CCPA, GLBA, etc.)
- Ensure compliance to cybersecurity regulations (such as FedRAMP, NERC CIP, NYDFS, etc.)

Benefits of Using V-CISO Services

- 1 Fractional utilization improves cost effectiveness
- 2 Implement current and comprehensive best practices
- 3 Enable senior management to engage via exec friendly output
- 4 Improve incident response capability
- 5 Access to continually up to date industry knowledge and experience
- 6 Gain a greater understanding of asset protection requirements
- 7 Ability to extend the service to encompass SOC delivery
- 8 Cost effective alternative to full time CISO

Benefits of working with TSG

1# Cost of the V-CISO Program

One of the key benefits of this approach is that you only pay for the security leadership you need. This fractional service scales up or down to meet the scope and pace necessary to achieve your unique security goals. A smart value play, it puts a V-CISO in place, driving improvements to security posture and having them at-the-ready should an urgent need arise. CISO-as-a-Service gives you the expertise and leadership of a high-caliber CISO at a fraction of direct-hire cost.

2# Different expertise and experience

Our V-CISO will assist your company in designing your security program in-line with industry standards and frameworks, along with compliance and regulatory requirements. Our V-CISO backs your business with expertise and knowledge in security as it relates to your line of work.

3# Reduce your risk profile

Reduce your risk profile with hands-on V-CISO support from a dedicated advisor who already understands the small business environment. We're entrepreneurial, wear multiple hats as needed to address your requirements, and can protect your organization delivering with the right strategic and operational vision, or assisting with different hand-on or project management activities.

For more information, please read the article " The Benefits of using our V-CISO Program" on our website.

Our Clients

Our clients include various hedge funds, boutique wealth management firms, publishing companies, software development companies, retail companies, and others. For more details about our customers feel free to get in touch with us.



FAQ's

Q: What is a Virtual CISO (V-CISO) program?

A: A virtual chief information security officer (or V-CISO), is a professional who works routinely with organizations to provide all of the essential cybersecurity support one would expect from an in-house senior executive within a more efficient and affordable service model.

Q: What are the responsibilities of the V-CISO?

A: Our V-CISO program is meant to be flexible in order to meet the needs of each of our customers. Engagements typically follow a cycle of assessment, planning, remediation, maintenance and continuous improvement. Our V-CISO responsibilities are uniquely matched and built upon our customer's business and regulatory requirements. Whether you need a high-level guidance on a monthly or quarterly basis or need hands-on help several days per week, our V-CISO's will be able to build a flexible solution for you. The following are some of the responsibilities of our V-CISO program engagements:

- Providing information security leadership and guidance
- Steering committee leadership or participation
- Security compliance management
- Security policy, process and procedures development
- Incident response planning
- Security training and awareness
- Board and executive leadership presentations
- Security assessments
- Internal audits
- Social engineering audits
- Vulnerability assessment and management
- Risk assessment
- Security program management
- And much, more

Q: I have a limited budget, what can I do?

A: Most small and middle-sized organizations don't have the money to hire a CISO or enough work to keep one busy. Our V-CISO program is a great way to apply verifiable industry experience to clarifying your needs and apply scalable bandwidth and flexible costs.

Q: What is the price for V-CISO program?

A: The price of our V-CISO program depends on the cybersecurity readiness assessment results, and the level of maturity required. As all our clients are of different sizes and have different needs, our prices reflect the same.