

McAfee Virtual Chief Information Security Officer (McAfee vCISO) Service

Drive your security strategy and risk mitigation to the next level

Every company needs a Chief Information Security Officer (CISO) to ensure their IT is aligned with security goals, technology is incorporated into operational processes, and executive management is in tune with security risks. McAfee® Virtual Chief Information Security Officer (McAfee® vCISO) Service provides an experienced, qualified expert who will help you meet requirements, secure your technology, and solve roadblocks, without the need to add a full-time resource.

Your Challenges

According to the U.S. Small Business Administration, 53% of the workforce is employed by small businesses.¹ This workforce is a target for cybercriminals. But many small- to medium-size businesses lack a dedicated security leader. This means either someone has the added responsibility or no one is doing it. And, with 43% of recent breaches targeting small businesses,² these organizations have more daily challenges and need experienced IT professionals.

The absence of an experienced CISO can impact several things, including how to manage an IT crisis, answer to senior management and stakeholders, or mitigate issues in a timely manner.

But getting the right resource can be daunting, and, additionally, the CISO's roles and responsibilities have increased. In the past, the most important skill was understanding technology. Today, CISOs need to have the ability to contribute to overall corporate strategy, fully understand technical topics, and actively participate in technical discussions and actions, including at the board of directors level. But a recent ISACA survey revealed that fewer than 25% of CISO candidates are qualified for a posted job.³

Without a dedicated CISO, your business is at a greater security risk. As you know, hacks are constant and expensive. The average hack costs small businesses between \$82,200 and \$256,000,⁴ putting a company at significant risk of financial hardship and even possible loss of their business.

Key Business Outcomes

- **Provides an experienced, qualified expert to achieve your strategic security goals:** McAfee offers experienced experts to help contribute to your overall corporate strategy and actively participate in technical discussions and actions—at much lower cost than a full-time CISO.
- **Improves your processes and infrastructure:** McAfee works with your cybersecurity tools by connecting all of them to improve visibility, discover new threats, and help you get more value out of your existing products, while tightening your technology and boosting your security posture.
- **Lowers your risk and enhances your security posture:** McAfee experts cover your security requirements, business continuity, disaster recovery, compliance, and overall security posture by keeping your network up to date and secure.

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Your goal is to be prepared for an attack. Nevertheless, you want to save money, secure your technology, and have the right expert in place. McAfee can help. Using our experience from prior engagements in multiple industries, McAfee vCISO Service provides a dedicated resource to achieve your strategic goals—at a much lower cost than a full-time CISO. In addition, this skilled expert helps improve your processes and infrastructure and lowers your security risk to help enhance your security posture.

How McAfee vCISO Service Accomplishes Your Goals

The McAfee vCISO advisory service is intended for small- to medium-size companies and can benefit businesses with an IT infrastructure. And, with new global regulations now affecting IT,⁵ it is especially important in North American and European finance, government, insurance, and other regulation-sensitive industries.

A McAfee vCISO engagement starts with a gap assessment to fully understand your environment, business needs, and deltas. Following that discovery process, the McAfee vCISO professional will design a full game plan that outlines the strategy for improvement and implementation. The subject-matter expert (SME) will then, with the help of experts, work to perform gap assessments, develop strong maturity models, and implement any recommendations. The process could take anywhere from six to 12 months, depending on your security maturity level.

This hourly service assigns a product-agnostic McAfee Virtual CISO professional who works both on and off site at your business once a month for the first six months, based on your requirements.

Since CISOs are typically responsible for an organization's information and data security, the McAfee vCISO helps bridge the gap between executives and business teams.

The McAfee vCISO is able to manage risks, help build coalitions and relationships with all departments, understand and invest in your business goals, make decisions when required, report to senior management when needed, and work with your vendors to understand the security implications associated with third-party interactions.

Improve Your Processes and Infrastructure and Lower Security Risks

Our product-agnostic consultants, who have diverse security backgrounds in multiple verticals, add value using their knowledge of technology trends and understanding of IT budgeting processes. They bring a strong understanding of industry standards, compliance, policies, and guidelines.

In addition, they help contribute to your overall corporate strategy and actively participate in technical discussions and actions—all at a much lower cost than a full-time CISO.

Key Tasks

- Evaluates current processes and cybersecurity policies
- Helps formulate strategic cybersecurity goals
- Analyzes and reports findings with C-level executives and provides recommendations
- Forecasts your security spend and helps implement projects
- Examines and reworks business processes and facilitates necessary technology changes
- Provides business direction and possible risks
- Consults on technology decisions, as needed

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McAfee professionals have viable experience—they are among the most qualified in the industry. Our experience of threat intelligence—along with all our resources—enhances your company’s ability to continuously operate and protect your valuable information.

McAfee vCISOs are determined to help improve your security processes and infrastructure. With our open platform and leadership position⁶ in open source technology, McAfee works with all your cybersecurity tools by connecting them to help you improve visibility, discover new threats, and get more value out of your existing products. This helps make it easier for you to manage and operate your security tools, therefore securing your technology more tightly and boosting your security posture.

McAfee can help lower your security risk. With their strong background and broad range of experience in securing technology, McAfee vCISO professionals are dedicated to ongoing management of threats and serve as your trusted partner—all while enhancing your overall security posture and protecting your data. They can help resolve your security challenges quickly and cost effectively.

Seven-Step McAfee vCISO Methodology Achieves Success

With companies facing ever-increasing challenges with security and compliance issues, McAfee vCISO Service offers pragmatic guidance on your business needs and objectives.

Using the steps below, trained McAfee security professionals bring proven strategies to help you focus on strategic initiatives that are within your budget and risk tolerance levels.

Step 1: Evaluate

- Understand your company’s business drivers and direction.

Step 2: Assess

- Perform initial risk assessment.

Step 3: Develop

- Carry out a gap analysis and outline prioritized risk.

Step 4: Recognize

- Gain understanding of your organization’s compliance requirements.

Step 5: Generate

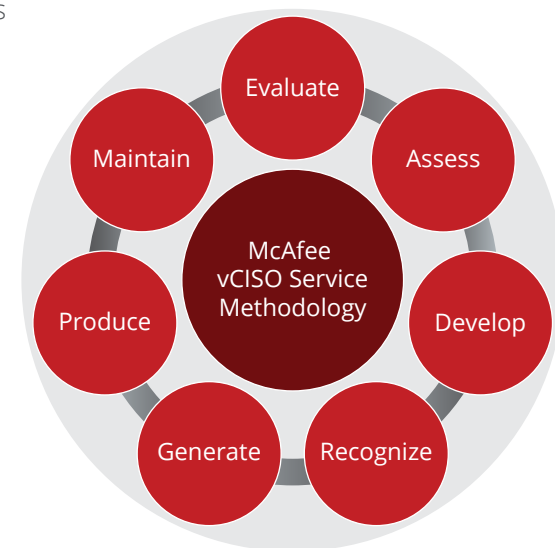
- Create a strategic security and compliance plan.

Step 6: Produce

- Develop a tactical risk mitigation plan.

Step 7: Maintain

- Monitor for emerging risk and threats on an ongoing basis.



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About This Service

McAfee vCISO Service is part of McAfee® Advanced Cyber Threat Services (McAfee® ACTS) practice in the Consulting Services portfolio. It is delivered by experts in McAfee® Customer Success Group (McAfee® CSG).

The McAfee ACTS Difference

McAfee domain experts work collaboratively to assess, report, remediate, and continually improve security across all industry sectors globally. Security-certified in almost 20 areas, including CISSP, CEH, CISM, GCIH, GREM, and GIAC, we serve as your trusted partner to help resolve your challenges quickly, efficiently, and cost effectively.

Our robust mix of strategic consulting and technical assessment services offers a unique approach to enhance people, process, and technology across any organization. By engaging with us, you can expect:

- **Confidentiality:** We have a proven track record with our clients and colleagues for retaining the privacy of incidents, as outlined in the statement of work.
- **Experience:** We have collective decades of experience in conquering the most complex breaches, managing risks, preventing attacks, and building successful security programs using industry best practices and guidelines.
- **Education:** We provide advice on how to make it all work—ensuring the right processes and procedures are in place and the most effective tools are used.

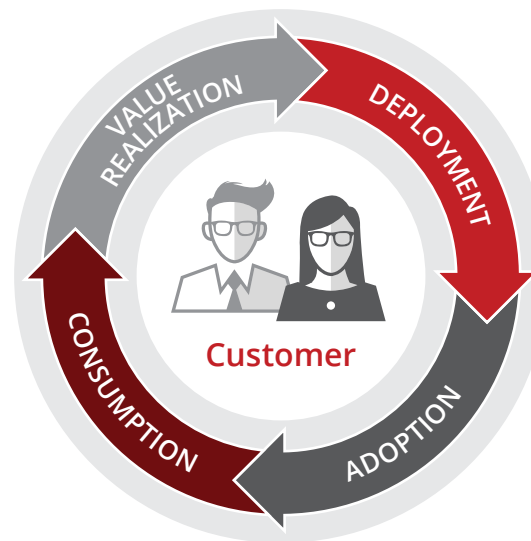
- **Proven Methodology:** We use a proven security engagement process (SEP) for project management to deliver successful consulting engagements.

About McAfee Customer Success Group

McAfee Customer Success Group uniquely brings together support, consulting, education, and customer success as “one team” to help you achieve successful business outcomes in all security lifecycle stages.

Our mission is simple: McAfee is committed to help you deploy, adopt, consume, and realize the value of your McAfee solutions and achieve a stronger security posture.

From onsite emergency assistance, deployment, and proactive success management to training, self-help resources, and communities, we deliver the people, processes, and tools through our comprehensive Cybersecurity Services portfolio.



Key Deliverables

- Gap assessment report
- Evaluation and recommendations of cybersecurity
- Tactical risk mitigation plan
- IT strategic plans
- Disaster recovery plan
- Service performance metrics
- Procurement assistance
- Monthly updates
- Quarterly IT summaries that include conditions of components in your network
- Ongoing evaluations and IT needs assessment

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Learn More

Whether you need a first responder to help you quickly identify and remediate a breach or a trusted partner to deliver independent, strategic security guidance, you can rely on McAfee Advanced Cyber Threat Services (McAfee ACTS). To learn more, visit [McAfee® Consulting Services](#), or contact your sales account manager or partner.

1. "[Small Business Profile](#)". Office of Advocacy. (US Small Business Administration)
2. "[2019 Data Breach Investigations Report](#)". (Verizon)
3. "[State of Cybersecurity: Implications for 2016](#)". (An ISACA and RSA Conference Survey)
4. "[2018 Cost of Data Breach Study](#)", (Ponemon Institute)
5. "[The Cybersecurity Mandates Keep on Coming](#)", (Dark Reading).
6. McAfee is a founding member of [Open Cybersecurity Alliance](#), a group designed to bring together businesses, individuals, and other stakeholders globally to advance open source security technology.

McAfee does not control or audit third-party benchmark data or the websites referenced in this document. You should visit the referenced website and confirm whether referenced data is accurate.



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JANUARY 2020