

# **Innovative Solutions, Tailored Services**

# Cybersecurity Service Overview

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# 24/7 Security Operations as a Service

Managed SIEM Services	<ul> <li>Supercharge your organization's security with our managed SIEM (Security Information and Event Management) services. We take the complexity out of security monitoring and threat detection, providing a comprehensive solution to:</li> <li>Centralize logging for your IT infrastructure</li> <li>Our expert team manages the entire SIEM lifecycle, from deployment, log ingestion and continuous maintenance</li> </ul>
Threat & Vulnerability Detection	Stay steps ahead of cyber threats with our managed threat and vulnerability management services. We deliver a proactive and comprehensive solution designed to identify, assess, and remediate potential security risks across your IT infrastructure. Our expert team leverages cutting-edge methodologies for intrusion detection and cyber intelligence to:
	<ul> <li>Identify compromised systems and account credentials</li> <li>Initiate containment and remediation steps</li> <li>Continuously scan for vulnerabilities and system misconfigurations</li> </ul>
Incident Response	Minimize the impact of cyber incidents with our incident response services. When the unexpected happens, our expert team is on standby to swiftly identify, contain, eradicate, and recover from security breaches. We offer a proactive and strategic approach to incident response, combining rapid threat detection with thorough post- incident analysis. With our incident response services:
	<ul> <li>Seasoned IR SMEs on 24/7 standby to engage incidents involving internal or external threat actors</li> <li>Digital forensic and e-discovery capabilities</li> <li>Tabletop exercises</li> </ul>
Managed Governance Risk & Compliance (GRC) Platform	A robust solution designed to streamline and optimize your organization's risk management processes. Our platform offers a centralized hub for comprehensive oversight, ensuring proactive identification, assessment, and mitigation of risks. Experience the ease of managing compliance frameworks such as NIST, PCI, ISO, and HIPPA among several others.

# **Virtual CISO Consulting**

## Managed Compliance Services

Managed compliance is your comprehensive solution for maintaining regulatory adherence without the administrative burden. We handle the complexities of compliance, from continuous monitoring to proactive risk management. With a tailored approach, our services ensure your organization meets industry standards and regulatory requirements, allowing you to focus on your core business. From policy creation to audit preparation, our team of experts delivers peace of mind, safeguarding your reputation and assets. Streamline your compliance journey with our managed compliance services and elevate your business securely and confidently.

# Incident Response Plan Development & Management

Empower your organization's cybersecurity resilience with our cyber incident response program development services. We specialize in creating robust and customized incident response frameworks tailored to your specific business needs. Our experts leverage industry best practices to design and implement a comprehensive program that enables swift identification, containment, eradication, recovery, and lessons learned from cyber threats. From policy development to cyber tabletop exercises, we ensure your team is well-equipped to respond effectively to any cyber incident.

## **Penetration Testing**

We go beyond the surface to identify and address vulnerabilities in your systems, networks, and applications before malicious actors can exploit them. Our team of ethical hackers employs industry-leading methodologies to simulate real-world cyber-attacks, providing valuable insights into your security posture. From comprehensive assessments to detailed reports and actionable recommendations, our penetration testing services empower you to proactively secure your digital assets.

## Security Engineering Services

We offer a holistic approach to fortifying your digital infrastructure, combining cutting-edge technology with industry best practices. Our expert security engineers work closely with your team to design and implement robust security solutions tailored to your unique needs. From architecture reviews and threat modeling to the deployment of advanced security controls, we ensure a resilient defense against evolving cyber threats. Elevate your organization's security maturity with our security engineering services, building a foundation that safeguards your assets and instills confidence in your digital operations.

# **Digital Risk Reduction**

Dark Web & Brand Monitoring	Be the first to know when your employees' or customers' personally identifiable information is compromised. We continuously scan hacker forums and dark web marketplaces for PII, user credentials and payment account information belonging to your organization. Once detected, we take immediate actions to enable the organization to remediate the compromised data before fraud or data breaches occur. We protect your company's online brand by conducting internet-wide scanning to identify phishing websites that are masquerading as your company's web or mobile application. These sites are designed to steal the credentials of your customers and employees.
	Our security operations center ensures you can swiftly connect to

Our security operations center ensures you can swiftly connect to cybersecurity analysts on-demand.



# **The Problem**

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## **1. Cyber Attacks**

#### SMBs and SMEs are at Huge Risk

"Mid-market firms were 490% more likely to experience a security breach by the end of 2021 than they were in 2019" \*

\* Coro Research Report published November 18 2021

# 2. Compliance

#### **Tighter Compliance Requirement**

"The blistering pace of regulatory change right now is threatening to overwhelm legal and compliance teams"\*\*

\*\* Gartner News Room, September 6 2022

### **3.** Insurance

Growing Cybersecurity Insurance Requirements

"Organizations that will end up with insufficient coverage or be refused a policy altogether looks set to double in the next 12 to 18 months"\*\*\*

\*\*\* Huntsman Security, August 2022

# 60% of SMBs go out of business after a cyberattack.

# The Cyber Attack Landscape



## **Cybercriminals**

Cybercriminals want data that can be monetized such as Personally Identifiable Information (PII) and credit card numbers.



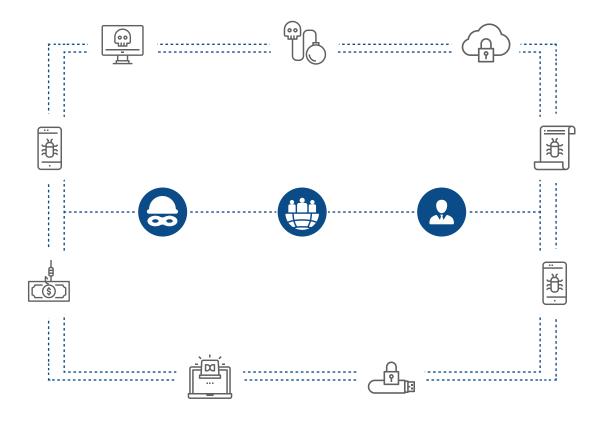
## **Nation-States**

Nation-States want information of value to foreign governments. Intellectual property, R&D, and US government contract information are common targets.



# **Company Insiders**

Company insiders are after data that can be monetized or that can be valuable to their next employer.



# **Understanding Compliance & Regulations**

# Compliances

- Regulations
- Legal System
- Standards
- Law
- Rules
- Requirements

# Regulations

- Ethics
- Compliance
- Regulations
- Policies
- Standards
- Law



# **Every Company Needs CISO-Level Expertise**

- Understand goals and risks
- 📀 Create strategy
- Assess cybersecurity gaps
- 🤣 Implement remediation plan
- Understand strategic vulnerabilities
- Oversee compliance processes
- 🤣 Report to top management



# Managed Cybersecurity Services **Benefits** Al-driven CISO knowledge 🔮 Mobile-friendly Audit-ready Insights in seconds Managed CISO **Managed Security** Consulting **Operations Center** Cybersecurity strategy Managed SIEM 24/7 cybersecurity monitoring Compliance frameworks: Cyber incident response PCI-DSS CMMC Software vulnerability management HIPAA

NYDFS NIST CSF

**Under The Hood** 

vCISO Consulting Security Engineering Customer Relationships

Cyber Risk Advisory







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