FULL-SPECTRUM VULNERABILITY INTELLIGENCE PROGRAM

Anticipate The Adversary's Moves And Be Ready To Counter Them Effectively

Our Program Guarantees Assurance Of **99%** Full-Fledged **Vulnerability Detection**. We Don't Just Stop At Identification – Our Experts Delve Into The Accurate Intelligence Of Each Vulnerability.

Emerging Threats and Attack Methods
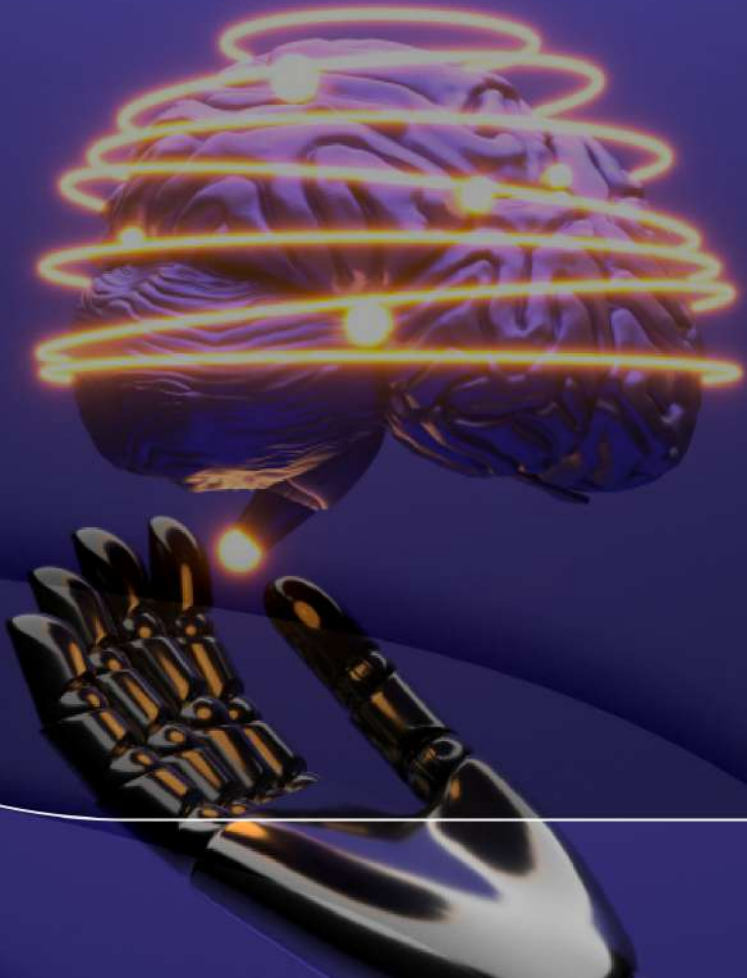
Shifting Trends in Threat Actor Behaviour

Complying with Regulations For Business Continuity

The Threats of Artificial Intelligence

CONTENTS

TABLE OF CONTENTS

CONCERNS WITH GROWING DIGITAL ATTACKS

OPERATIONAL RISK

- AI-Driven Malware
- Legacy Systems Breach
- Phishing Compromise
- Exploited Unpatched Vulnerabilities
- Social Engineering Schemes
- Weak Password Breaches
- DDoS-Induced Disruption
- Overwhelmed by AI Attacks
- IoT Infiltration

FINANCIAL RISK

- Ransomware on Financial Records
- Payment System Breach

STRATEGIC RISK

- Legacy Systems Breach
- Data Manipulation Attack

LEGAL RISK

- Data Leak Penalties
- Compromised Customer Data

REPUTATIONAL & SUPPLY CHAIN RISK

- Phishing Compromise
- Insider Data Sale
- Ransomware on Customer Platforms
- IP Theft
- AI Intrusion in Supply Chain
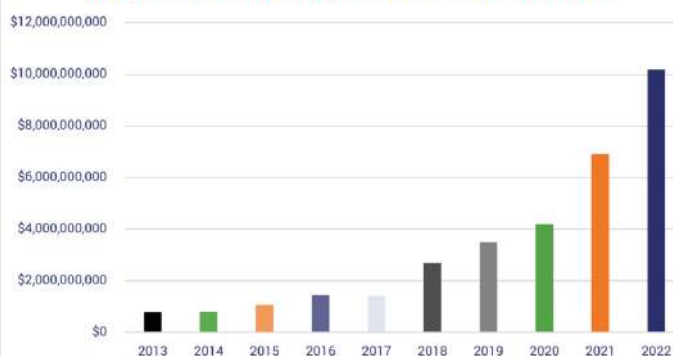
5%   5% allocation nist

2%   2% allocation Digital Operational Resilience Act

$10.5 *trillion loss due to cybercrime Increase by 2030*

15% *every year*

Reported Losses Due to Cyber Crimes in the Past Decade

- The **Full Spectrum Vulnerability Intelligence** (FSVI) program by **CyberSmithSECURE** addresses these concerns head-on. By investing a considered portion of revenue into cybersecurity, companies can mitigate the risks of legacy system **breaches, phishing**, and insider **threats**, which not only compromise data integrity and customer trust but can also lead to competitive disadvantages and significant **financial losses**.
- The FSVI program ensures comprehensive coverage against a **gamut of attacks**—from **AI-facilitated** intrusions that disrupt supply chain operations to **DDoS attacks** that erode customer **satisfaction**. Moreover, the program aids in avoiding the dire consequences of data leaks that trigger regulatory fines and the repercussions of **intellectual property** theft, which can deter potential investors.

- By aligning with CyberSmithSECURE's **FSVI** program, enterprises can adopt a proactive and strategic approach to cybersecurity, ensuring that all facets of the organization are **safeguarded**.
- This investment goes beyond protecting operations; it secures the company's reputation, **financial health**, and future growth in a digital age where security is not just a **defense mechanism** but a **competitive edge**.

How does FSVI ensure adherence to compliance and regulatory standards such as SOC2, Data Privacy, ITGC, and PCI?

In a world where digital threats are ever-evolving, maintaining a matured cyber posture is not just a choice but a necessity for businesses aiming to meet industry standards and secure their infrastructure. We understand the pivotal role that compliance plays in your organization's success, and we're here to guide you through the process with our comprehensive FSVI program

Ensuring Compliance Excellence
Addressing Key Standards

The FSVI Program is designed to address a spectrum ofcompliance and regulatory requirements, including

SOC2	Data Privacy	ITGC (Information Technology General Controls)	PCI (Payment Card Industry)

Tailored to the specific needs of your enterprise, the FSVI Program undertakes strategic initiatives to prioritize and streamline the compliance process. We focus on key reports and applications to ensure a seamless audit and due diligence experience. As part of the program, we meticulously plan and incorporate the following elements into your project

Website VAPT Report	Application Security Certificate	Segmentation Testing
Penetration Testing	Data Anonymization Review	Configuration Review

- All components of the FSVI Program are strategically preplanned and seamlessly integrated into your project plan.
- This ensures that you face no concerns when undergoing third-party audits, setting the stage for compliance excellence.

Empowering Growth Preparing for Funding and IPOs

In times of fundraising or IPOs, CEOs face the critical task of ensuring their enterprise is attack-proof and the overall maturity of IT assets is a minimum of 10 years of life along with having reasonable security to withstand a cyber attack.

With the FSVI Program, we not only address all of this but also highlight areas critical for CEOs to undergo acquisition or merger processes hassle-free.

How does the FSVI program ensure alignment across all levels within an enterprise?

In the fast-paced digital landscape, the challenge for Chief Information Security Officers (CISO) and Chief Information Officers (CIO) lies not only in identifying emerging cyber risks but also in effectively conveying their impact to the board. The FSVI Program is designed to ease this communication hurdle by providing continuous assessments and detecting critical vulnerabilities. We go beyond identification, showcasing the weaponization of vulnerabilities in a User Acceptance Testing (UAT) environment. This allows CISOs and CIOs to present tangible examples to the board, facilitating the approval of relevant IT security budgets.

8 Levels of Reporting for Seamless Collaboration

- **Executive Summary Report**
- **Summary Report**
- **Technical Assessment Report**
- **Excel Vulnerability Tracker**
- **Bi-Weekly Project Meetings**
- **Monthly Project Updates**
- **Quarterly Presentations to CISOs**
- **Annual Board Meeting on Key Concern Areas**

Holistic Visibility with Executive Summary Reporting

Our FSVI Program introduces a Dashboard Executive Summary Reporting feature, ensuring that all vulnerabilities are reported comprehensively. We provide precise intelligence on vulnerabilities, empowering organizations to anticipate potential attacks. By analyzing attack patterns and identifying attacker groups, we bring unparalleled insights into when and who might target your organization.

Empowering Mid-Management for Proactive Cybersecurity

Communication shouldn't stop at the top. The FSVI Program ensures that mid-management is equally informed and engaged. We raise awareness by highlighting vulnerabilities and their impacts, enabling mid-management to proactively address and conclude these vulnerabilities. Our 8 Levels of Reporting keep everyone on the same page, fostering a culture of collaboration and shared responsibility.

Download Our Reports for Informed Decision-Making

Download Executive Summary Report	PDF	Download Capability Statement	PDF	Download Technical Assessment Report	PDF

How does FSVI significantly mitigate the risk of ransomware across the infrastructure?

Our innovative FSVI Program takes a proactive approach to safeguarding your infrastructure by conducting regular ransomware preparedness drills. We understand the gravity of the risks posed by malicious attacks, and we're here to ensure that your systems are not just prepared but fortified against potential threats.

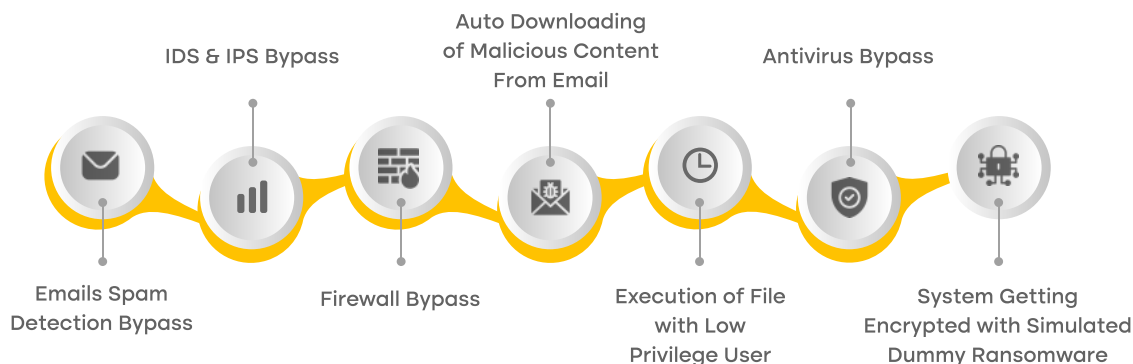## FSVI Program Highlights

Comprehensive Ransomware Preparedness Drill

Our program meticulously tests your infrastructure, including applications, servers, and cloud environments, for ransomware-like properties. This includes in-depth assessments of

FSVI

- Antivirus Bypass Analysis
- DR & Backup Testing
- Ransomware Simulation Testing
- Firewall Bypass Analysis
- Execution Bypass Policy

FSVI

- PowerShell Triggering Policy
- MAC & DNS Bypass
- Data Exfiltration
- AD Configuration Review
- Access Control Review

Quarter-wise Vulnerability Detection Cycle

Stay ahead of the curve with our proactive approach to vulnerability detection. Our quarter-wise cycles ensure that your systems are constantly monitored and updated to tackle emerging threats effectively

IDS & IPS Bypass

Auto Downloading of Malicious Content From Email

Antivirus Bypass

Emails Spam Detection Bypass

Firewall Bypass

Execution of File with Low Privilege User

System Getting Encrypted with Simulated Dummy Ransomware

How does FSVI differ from In-House and Outsourced VAPT?

Evaluation Matrix		In-House Resource	Outsourced VAPT	FSVI Program
Reporting & Customisation	1			✅
Expertise & Familiarity	2			✅
Immediate Response	3	✅		✅
Sensitive Data Handling	4	✅		✅
Integration	5	✅	✅	✅
Cost Efficiency	6			✅
Dependency	7	✅		✅
Skill Upgradation	8	✅		✅
Objective Goals	9	✅	✅	✅
Global Perspective	10	✅		✅
Specialised Skills	11		✅	✅
Technical Communication	12		✅	✅
Business Communication	13			✅
Additional Tool Requirement for Testing	14			✅
Testing Approaches	15		✅	✅
Testing Frequency	16		✅	✅
Vulnerability impact Analysis	17			✅
Vulnerability Misses	18			✅
Ownership & Accountability	19			✅
Sustenance	20			✅

ABOUT US

Empowering Cybersecurity Excellence

CyberSmith SECURE is a leading cybersecurity firm dedicated to safeguarding our clients' digital assets and infrastructure. With a proven track record in providing a wide range of cybersecurity services, we are committed to enhancing the security posture of organizations across various industries. Our expertise in sets us apart as a trusted partner in the realm of cybersecurity.

Protect yourself

1. Against **33 newly** named adversaries in 2023
2. The **95% increase** in cloud exploitation
3. **112% increase** in access broker advertisements on the dark web
4. **84-minute** average eCrime breakout time

Why Us?

Experienced Team

Client-Centric Approach

Cutting-Edge Technology

Our team consists of industry veterans with diverse expertise and certifications, deeply attuned to the evolving threat landscape and our commitment to trust-based partnerships with our clients, ensures effective results.

OUR CLIENTS

CyberSmithSECURE has a track record of securing assets worth **400 million.** Helping clients from various industries such as IT, Insurance, Auto Mobile, Construction to secure their **Crown Jewels.**

BYJU'S	ICICI Lombard Nibhaye Vaade	Coforge	ATHER
PRUDENT THE FUTURE OF INSURANCE	DB Corp Ltd	TECHNOVERT	redBus.in
SWIGGY	MAHANAGAR GAS	BRIGADE	WhiteHat Jr
DELHIVERY	Advantage GO	Capita	keka

LET'S TALK

Reach out to us and we can discuss how we can help in securing your digital presence

✉ contact@cybersmithsecure.com

📞 +91 95032 59778

📍 CyberSmithSecure Pvt. Ltd.
1107, Niwant, Visrodi, Agashi,
Thane, Maharashtra, India, 401301