

Computer Forensics and Security Institute (CFSI)

2024 Service Catalogue



COMPUTER FORENSICS AND SECURITY INSTITUTE [CFSI]

Cybersecurity Services



- **Dark Web Reconnaissance (Information Leaks).**



- **External (Website/ Portal/ Public IP) Penetration Testing and Phishing Campaigns.**



- **Internal Network/ Zero trust Architecture Review including Non-Disruptive Penetration Testing.**



- **vCISO and Cybersecurity Strategy Consultancy.**



- **Digital Forensics (DFIR)**



- **Advanced Cybersecurity Training**



Email us for our full Service Catalog, Consultancy Services and/or Quotations.

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1. Company History

CFSI: Pioneering Cybersecurity and IT Solutions Since 2011

Established in 2011, CFSI has emerged as a leader in technological solutions, serving Small-Medium Businesses (SMBs), large enterprises, banking sectors, and government agencies. We specialize in Cybersecurity services, including Vulnerability Assessments, Penetration Testing, Digital Forensics, Dark Web Monitoring, Incident Response and Advanced Certification Training.

Our approach blends cutting-edge technology with strategic insights to deliver cost-effective, high-impact services designed to identify security gaps and assist in maintaining your organization's digital resilience

Our Areas of Expertise:

- **Expertise Across Industries:** Proven track record in delivering tailored cybersecurity solutions as seen by our client listing.
- **Strategic Partnerships:** Collaborating to elevate your cybersecurity posture and operational efficiency.
- **Comprehensive Training Programs:** Advanced IT and Cybersecurity courses accredited by institutions like CompTIA, EC-Council, and Cisco.
- **Vulnerability Assessments and Penetration Testing:** In-depth analyses for both SMBs and large-scale enterprises with proficiency in Red, Blue, and Purple Teaming for full-spectrum security assessments and dark web monitoring.
- **Incident Response and Digital Forensics:** Rapid response, forensic investigations, and robust incident response procedures.

Our journey reflects our commitment to excellence and innovation in cybersecurity and IT solutions.

2. Strategy

Vision Statement

Our vision at CFSI is to be a leader in cybersecurity and digital forensics, not just in technology, but as a strategic partner in the Caribbean and Latin America. We aim to stay ahead in this fast-paced technological era, marked by rising cyber threats, by evolving to address our customers' needs with integrity and excellence. In a rapidly evolving digital landscape, we're committed to staying ahead of threats, ensuring our solutions evolve with your business.

Mission Statement

Our mission is to set new benchmarks in cybersecurity services. We're not just providing solutions; we're enhancing your organization's security, compliance, and resilience. CFSI is your partner in navigating the complex world of cybersecurity, offering peace of mind through world-class services.

Core Values

- **Integrity and Confidentiality:** At the heart of our operations, ensuring the utmost privacy and ethical standards.
- **Customized Service:** Recognizing the uniqueness of each business and tailoring our services to your specific needs.

3. Competitive Edge

CFSI: Your Strategic Cybersecurity Partner

Specializing in tactical Cybersecurity Services such as Vulnerability Assessments, Penetration Testing, Incident Response and Dark Web Monitoring, CFSI stands out particularly in the Caribbean market for our focused approach to such high-level cybersecurity services. Our team of globally accredited professionals is not just skilled in technology; they understand the strategic importance of cybersecurity in business.

Our Strengths:

- **Global Expertise, Local Understanding:** A team with world-class credentials and an appreciation for the unique challenges in our region.
- **Client-Centric Solutions:** Personalized strategies to align with your business objectives and risk profile.
- **Long-Term Partnership:** Building trust and value, ensuring your business is secure today and prepared for tomorrow.

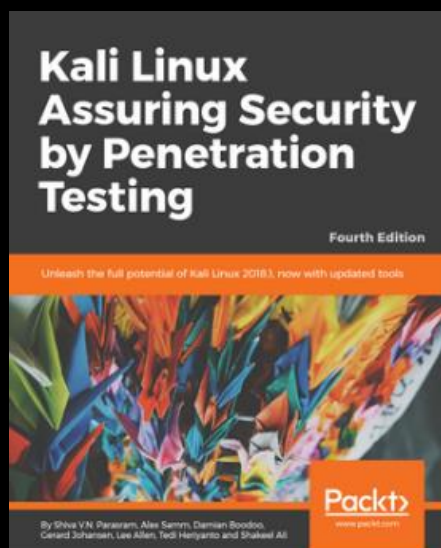
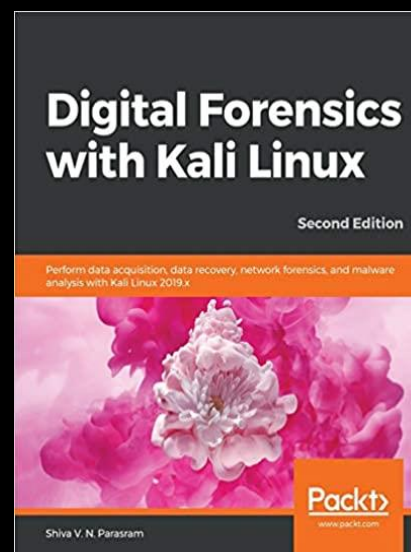
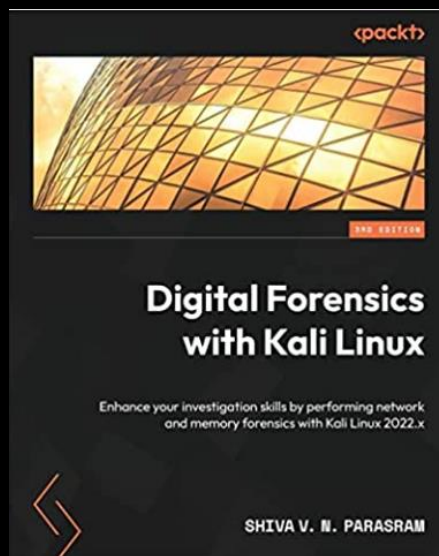
We build long-lasting, trust-based relationships with our clients, aligning our services with their unique business needs and ensuring confidentiality and dependability.

4. Subject Matter Experts

We wrote the book on IT. CFSI's director has authored four (4) books for international tech-publishing powerhouse Packt Publishing on Digital Forensics and Penetration Testing.

These publications are available on Packt's website and Amazon.com and have sold over £80,000.00 in physical and digital copies worldwide.

Publications can be found here: [Amazon Link](#)



5. Comprehensive Cybersecurity Services

We specialize in Red, Blue, and Purple Teaming to offer a holistic view of your cybersecurity posture. Our services are not just about technical defense but about empowering your business against digital threats.

Our Services:

- **Risk Assessment and Management:** Identifying and mitigating digital risks to your business.
- **Proactive Defense:** Advanced threat detection and response to keep your business ahead of cyber threats.
- **Dark Web Monitoring:** Daily, weekly or monthly monitoring of dark web forums, marketplaces, ransomware leak pages and other sources where your company's data may be leaked or for sale.
- **Training and Awareness:** Educating your team to enhance the human aspect of cybersecurity.
- **Strategic Security Planning:** Aligning cybersecurity strategies with your business goals.

Technical Services Include:

- **Threat Identification and Management:** Dark web scanning, threat hunting, and more.
- **Security Assessments:** In-depth vulnerability assessments and penetration testing.
- **Digital Forensics and Incident Response:** Advanced analysis and rapid response capabilities.
- **Infrastructure and Training Solutions:** Network upgrades, cybersecurity training, and awareness seminars.

6. Cybersecurity Best Practices Guideline issued by the Central Bank of Trinidad and Tobago.

CFSI, which offers vCISO, pentesting, vulnerability assessment, DFIR, and Dark Web monitoring and other Cybersecurity services, also offers the following services to organizations of all sizes to ensure alignment with the CBTT (Central Bank of Trinidad and Tobago) guidelines:

A. Governance

- Developing of Formal Cybersecurity Strategy: Including identification, protection, detection, response, and recovery. Implement and oversee the cybersecurity strategy, policies, procedures, and standards.

B. Risk Management

- Build Risk and Incident Management Frameworks to Identify cybersecurity threats and vulnerabilities across all IT aspects.

C. Awareness and Training

- Perform Awareness Training tailored for Managers and IT Staff and educate customers on using online tools, privacy

D. Business Continuity and Disaster Recovery

- Develop and implement IT Systems Recovery Objectives: and Data Backup Strategies.

Perform Regular assessments of IT assets for security vulnerabilities and exploits.

7. Consultancy Services

Additional vCISO and Cyber Consultancy Services

CFSI also offers a host of other services **starting from** \$500.00 USD for smaller companies and from \$1,500.00 and *upwards* for Medium and Large Enterprises depending on the quantity of services chosen.

vCISO and Cybersecurity Consultancy Services

Strategic Cybersecurity Leadership

CFSI offers the expertise of the Caribbean's only certified CCISO (Certified Chief Information Security Officer) instructor through our vCISO Consultancy Services. This service combines the roles of a CISO, Risk Manager, and Security Consultant into a cost-effective solution, providing top-tier expertise on demand.

Services include:

- Creating and maintaining Information Security standards, policies and procedures for the organization based on international-NIST standards and frameworks.
- Building and implementing a formal system to determine if owned, 3rd-party and/or subscription services and systems contain any risks to the organization or its data and resources.
- Building formal Risk Assessment processes, documentation and systems which are to be done against all 3rd-party services and subscriptions purchased or leased by the organization which may have been revealed to contain risks or threats.

- Interviewing relevant 3rd-parties to ensure that they meet organizational criteria and provide reports for each service.
- Building formal Information Security Assessment (ISA) processes, documentation and systems which are to be done against all companies offering services and subscriptions purchased or leased by the organization to ensure that they have adequate security and security measures to avoid breaches via the 3rd-party affecting the organization.
- Dark web, data leak and breach monitoring
- Leaked email credential monitoring
- Technical lead on Vulnerability Assessments (Internal and External).
- Technical lead on Penetration Testing (Internal and External)
- Advisory on implementation of Security, Incident Response and Risk Management Frameworks.
- Providing oversight on Incident Response planning.
- Advisory on the acquisition and implementation of new technologies, systems and upgrades.
- Providing oversight on recovery processes, and procedures.
- Performing Vulnerability Assessments every quarter on critical infrastructure systems (firewalls, routers, switches) and portals.
- Performing Vulnerability Assessments of critical devices and portals after patching or applying service-pack updates.
- Performing Quarterly Internal PCI DSS 11.2.1 compliance scanning on infrastructure.
- Performing Quarterly External (Unofficial) PCI DSS 11.2.2 compliance scanning.
- Performing bi-monthly (every 2 months) penetration testing on all external IPs and web-applications and portals.

- Performing Quarterly Third-party Malware scanning to audit internal malware protection. This includes scanning for Spectre and Meltdown vulnerabilities, Wannacry Ransomware and variants, ZeroLogin exploits, Solorigate vulnerabilities and exploits, Log4Shell remote exploits and the Vulnerability ecosystem, Ripple20, ProxyLogon and other types of malware types as they are created and evolve.
- Bi-annual Internal Non-Disruptive Vulnerability Assessments to disclose exploitable treats.
- Creation of a risk register for compliance and patch/vulnerability programme management.
- Monthly threat awareness reports with impact analysis.
- Monthly access to CFSI Threat Response Personnel for 8-hour consultancies if a breach is detected or suspected.
- Quarterly Virtual Awareness training for all staff and 3rd-party vendors with certificates from CFSI.
- Quarterly sampling of Critical Infrastructure Server RAM for Ransomware Detection and Benchmark Analysis
- Bi-Annual phishing campaign against select targets across all sites.
- Creation of DFIR (Digital Forensics and Incident Response) Framework
- Lead advisor and practitioner on Data-recovery incidents.
- Lead education and training officer responsible for conducting official training workshops for staff at all levels on best practices, threat intelligence and more.
- Reviewing of network mapping and segmentation.
- Reviewing of IR reports to enhance security posture.
- Monitoring the dark-web for information, breaches and data leaks relating to institutional data and resources.

Providing expertise as a Subject-Matter Expert in the following areas:

- Vulnerability Management – Have knowledge of current threats, exploits, and remediation processes.
- Ransomware prevention and education.
- Data Loss Prevention Technology – Understand the concepts of data at rest, data in motion, data in use.
- Network Management – Fundamental knowledge of next generation firewalls and network terminology.
- Mobile Device Management – Have knowledge of mobile and wireless technology standards.
- Incident Management – Key requirement for managing the recovery effort from a data breach or ransomware attack.
- Disaster Recovery & Business Continuity – to develop plans for testing and recovering from a disaster.
- Risk Management –to assess the state of the program and the security technologies required to reduce risk.
- Cloud Technology – knowledgeable in security mechanisms for premise to cloud providers – Google, Azure, or AWS.

8. Advanced Cybersecurity Training and Accreditation

CFSI is currently the only Accredited Training Centre (ATC) for the EC-Council (www.eccouncil.org) in the Caribbean with the lecturer for these courses being the only Certified EC-Council Instructor (CEI) in Trinidad.

Internationally Accredited Certification Courses offered at CFSI include:

- Certified Ethical Hacker (CEH)
- Certified Chief Information Security Officer (CCISO)
- Computer Hacking Forensic Investigator (CHFI)
- Certified Network Defender (CND)
- Certified Security Operations Centre Analyst (CSA)
- Certified Threat Intelligence Analyst (CTIA)
- Fortinet Network Security Engineer (NSE)
- Cisco Certified Network Associate (CCNA)
- CompTIA Network+, Security+ and Pentest+



CFSI was also the official training partner for Fujitsu Trinidad under the Ministry of Planning's Global Skills Initiative Programme (2018 – 2020), providing training and certification in the CEH, CND, CHFI, ECSA and CCISO certifications.

9. Client Listing

CFSI is trusted by multi-million-dollar organizations as a Cybersecurity Services and Training Provider. Some of our clients over the past 3 years include:

- Unipet
- Maritime Financial Group
- Fujitsu Caribbean (Trinidad and Jamaica)
- GovNett/iGov (Fujitsu Data Centre)
- PTRMS (Canada)
- Trinidad & Tobago Insurance Institute (TTII)
- Sheppard Securities Limited
- National Insurance Scheme (NIS Grenada)
- Pure-ICT (Curacao)
- University of the West Indies (St. Augustine)
- CariPAY Ltd
- WiPay Ltd
- Charlett & Gatcliffe Ltd Insurance Brokers
- Genesis Insurance Brokers

**Due to confidentiality agreements, only some of our clients are listed above.*

10. Contact Information

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