

**Report on Cyber Fusion**

**Course Code:** BUS 402

**Course Title :** Business Entrepreneurship Lab

**Prepared By:**

**Mohammad Enan Al Harun Sahan**,

Reg No. 20101095

Section: B2

**MD. Asadujjaman Noor**,

Reg No. 20101101

Section: B2

**Sheikh Nafez Sadnan**,

Reg No. 20101106

Section: B2

**Presented to:**

Towfiq Ahmed

Lecturer,

Department of BBA, University of Asia Pacific.

**The Business Name:** Cyber Fusion- a remote SOC (Security Operation Center) service.

**The problem and the solution:**

**The problem:** Cyber-attacks are becoming more sophisticated and common in today's digital world, putting organizations of all sizes at serious danger. For a variety of reasons, many companies find it difficult to properly monitor, detect, and respond to these cyber threats:

* **Lack of In-House experience**: It is common for small and medium-sized companies to be without the means and know-how necessary to create and manage a strong Security Operations Center (SOC) in-house.
* **Limited resources:** Many firms may not have the funds to invest in the infrastructure, technology, and qualified individuals needed to build and maintain an internal SOC.
* **Evolving threats:** The landscape of cyber threats is always changing, making it difficult for enterprises to stay up to date on the newest attack methods, strategies, and vulnerabilities.
* **24/7 surveillance:** Cyberattacks may happen at any moment, thus it's important to have 24/7 monitoring and response capabilities, which might put a pressure on internal resources.
* **Compliance Requirements:** Strict regulatory compliance requirements pertaining to data security and privacy apply to many businesses, requiring extensive monitoring and incident response capabilities.

**The solution:** Cyber Fusion wants to help companies of all kinds overcome these obstacles by offering complete and reasonably priced remote SOC services. Our unique strategy delivers unmatched protection against cyber-attacks by fusing state-of-the-art technology, knowledgeable cybersecurity professionals, and proactive threat intelligence. Among our SOC-as-a-Service's salient features are:

* **Remote Monitoring and Detection:** To quickly identify suspicious activity and any security issues, our SOC continually monitors network traffic, logs, and security events in real-time.
* **Threat information Integration:** To keep ahead of new threats and proactively spot weaknesses and attack trends, we make use of threat information feeds and analysis.
* **Incident Response and Mitigation:** Our SOC quickly looks into, assesses, and reacts to security incidents in order to limit harm, contain threats, and effectively resume regular operations.
* **24/7 Availability:** Our SOC is open around-the-clock, providing security and assistance to quickly handle cyber-attacks at any time of day or night.
* **Compliance Support:** We offer thorough reporting, audit trails, and documentation of security events and responses to help firms comply with regulatory obligations.

**Target Audience and Market Gap:**

**Target Audience:** The target audience for Cyber Fusion's remote SOC services encompasses a wide range of businesses and organizations across various industries. These may include:

* Small and Medium-sized Enterprises (SMEs)
* Large Enterprises
* Bank & Financial Institutions
* Healthcare Providers
* Educational Institutes
* Government Agencies
* E-commerce and Online Businesses etc.

Cyber Fusion's target audience is, in general, any business looking to outsource its SOC responsibilities to a reliable and competent partner in order to improve its cybersecurity posture, reduce risks, and safeguard its assets and sensitive data against changing cyber threats.

**Market Gap:** There are no SOC service providers that provide remote solutions. We provide complete cybersecurity solutions right to their digital doorstep by utilizing cutting-edge technology and a team of knowledgeable experts. By removing the need for expensive infrastructure expenditures and guaranteeing round-the-clock protection, this novel strategy makes cybersecurity affordable and effective for companies of all sizes.

**Competitive Landscape (Competitors and how we are different):**

**Competitive Landscape:**

1. **SOC Services in Bangladesh**:
   * Backdoor, Trustaira, Aspire Tech, ColoCity, etc. SOC service providers offer various cybersecurity solutions, catering to the needs of businesses in Bangladesh.
   * While they provide valuable services, they primarily focus on on-premises SOC solutions or lack the innovative approach of remote SOC services.

**Differentiation:**

* Cyber Fusion sets itself apart by pioneering remote SOC services, a unique offering that provides unparalleled accessibility, scalability, and affordability for businesses in Bangladesh.
* Our remote SOC service ensures round-the-clock protection and assistance by delivering complete cybersecurity solutions straight to our customers' digital environments through the use of cutting-edge technology and qualified people.
* We also surpass in proactive threat intelligence, ongoing development, and customized service delivery, which strengthens our value offer and establishes new benchmarks for SOC services in Bangladesh.

**Unique Selling Proposition:**

**Excellence in Remote SOC Service:** We are delivering affordable, scalable, and easily available cybersecurity solutions straight to subscribers' digital surroundings through the development of remote SOC services.

**All-inclusive Managed Security Solution:** Proactive threat identification and incident response are made possible by real-time monitoring of network traffic, logs, and security events, making use of SIEM (Security Information and Event Management) technology to provide thorough threat analysis and detection.

**Vulnerability Assessment and Penetration Testing (VAPT) Service:** We carry out comprehensive vulnerability assessments to find and fix security flaws in the network applications and infrastructure.

**Advanced Threat Detection and Response:** For an improved security posture, we use cutting-edge technology like PAM (Privileged Access Management), XDR (Extended Detection and Response), and EDR (Endpoint Detection and Response).

**Expert Compromise Assessment and Digital Forensics:** In the case of a security issue, we offer professional analysis and investigative services to determine the degree of compromise.

**Application Threat Modeling:** In order to preventatively detect and address any security threats in software applications, we offer application threat modeling implementation.