



# Alchemy CyberDefence Security Posture Control (SPC) by ACD Optimizer

## We Reduce your Attack Surface!

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#### Security Posture Control with Alchemy CyberDefence

##### Welcome and Introduction

Welcome to Alchemy CyberDefence. Today, we are excited to demonstrate the capabilities of our Security Posture Control (SPC) solution. At Alchemy CyberDefence, our mission is to enhance your security posture through a comprehensive, multi-layered approach. Our Security Posture Control solution ensures your organization maintains a robust and compliant security framework, addressing vulnerabilities before they become threats.

##### Key Points

- 1. Comprehensive Risk Assessment:**
  - **Vulnerability Identification:** Conduct thorough risk assessments to pinpoint vulnerabilities across your environment. According to IBM's 2023 Cost of a Data Breach report, the average cost of a data breach is \$4.45 million, highlighting the critical need for proactive risk assessments.
  - **Internal and External Risk Evaluation:** Evaluate both internal and external risks, including those from third-party vendors.
- 2. Policy Implementation and Enforcement:**
  - **Custom Security Policies:** Develop and implement organization-specific security policies, ensuring they align with business objectives and regulatory requirements. Misconfigured security settings account for 15% of data breaches, underscoring the importance of customized policies (Source: Verizon 2023 Data Breach Investigations Report).
  - **Role-Based Access Controls:** Enforce strict role-based access controls (RBAC) to limit data access based on job requirements.

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- **Multi-Factor Authentication (MFA):** Implement MFA for all access points to add an additional layer of security.

### 3. **Data Encryption and Protection:**

- **Encryption Standards:** Encrypt data both in transit and at rest using strong encryption standards such as AES-256.
- **Data Protection Protocols:** Establish protocols to protect sensitive information and ensure compliance with industry standards.

### 4. **Continuous Monitoring and Reporting:**

- **Real-Time Monitoring:** Utilize advanced tools to continuously monitor security posture, providing real-time alerts for any anomalies or breaches.
- **Regular Security Audits:** Schedule regular security audits to reassess and adjust policies, maintaining optimal security levels. Organizations with continuous monitoring reduce breach costs by an average of \$1.2 million (Source: Ponemon Institute).

### 5. **Regulatory Compliance:**

- **Framework Alignment:** Ensure compliance with industry standards and regulations, including NIST, MITRE, CIS, ISO27001, and other Global Data Regulation acts. Non-compliance can result in fines and penalties, such as GDPR fines which can reach up to 4% of annual global turnover (Source: European Data Protection Board).
- **Compliance Reporting:** Generate detailed reports to demonstrate compliance and prepare for audits.

### **Results Delivered:**

- **Enhanced Security:** Minimize potential entry points for cyber threats and reduce risks by implementing robust security measures and continuous monitoring.
- **Regulatory Compliance:** Achieve and maintain compliance with industry standards, reducing the risk of penalties and enhancing trust with customers.
- **Operational Efficiency:** Streamline security operations and reduce administrative overhead through automated monitoring and reporting.



- **Cost Savings:** Reallocate savings from optimized security measures to further enhance security posture and operational efficiency.

## How We Deliver Results

1. **Conducting a Comprehensive Audit:**
  - **Inventory of Digital Assets:** Identify all digital assets, including SaaS applications and on-premise systems.
  - **Risk Assessment:** Conduct thorough risk assessments to identify vulnerabilities.
2. **Implementing Customized Security Policies:**
  - **Developing Policies:** Create organization-specific security policies.
  - **Enforcing Policies:** Implement RBAC and MFA to secure access.
3. **Continuous Monitoring and Regular Audits:**
  - **Real-Time Monitoring:** Continuously monitor security posture.
  - **Scheduling Audits:** Regularly reassess and adjust security measures.
4. **Ensuring Regulatory Compliance:**
  - **Aligning with Frameworks:** Ensure compliance with industry standards.
  - **Generating Reports:** Produce compliance reports for audits.

Throughout the service contract period, we continuously monitor and audit the environment to maintain optimal efficiency and security, achieving significant cost savings that can be reinvested into further enhancing your security posture.