

ALCHEMY CYBERDEFENCE



ACD OPTIMIZER

OVERVIEW

In today's complex and rapidly evolving digital landscape, cybersecurity threats are more sophisticated than ever. Organizations face a myriad of challenges, from reducing vulnerabilities and managing cloud resources to ensuring compliance with stringent regulatory standards. Alchemy CyberDefence (ACD) understands these challenges and offers a comprehensive solution designed to address them effectively: ACD Optimizer (OPT).

ACD Optimizer (OPT) is a multi-faceted cybersecurity solution that integrates advanced modules to enhance security, optimize costs, and ensure compliance.

WHY CHOOSE ACD OPTIMIZER

Executive-Level Visibility:

ACD Optimizer provides executives with a mobile app that delivers real-time insights into security, risk, and compliance postures through a simple traffic light dashboard. This empowers decision-makers with the information they need to respond quickly and confidently.



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Comprehensive Security Posture:

ACD Optimizer integrates multiple layers of security, providing extensive audits and continuous monitoring across cloud, on-premise, and SaaS environments. This ensures a robust defense against evolving cyber threats, helping organizations reduce vulnerabilities and minimize the attack surface.

Cost Efficiency:

By eliminating SaaS waste and over-provisioned resources, ACD Optimizer delivers significant cost savings. These savings can be reinvested to further enhance the organization's cybersecurity infrastructure, making it a self-funding solution.

Proactive Risk Management:

With real-time risk analysis and continuous monitoring, ACD Optimizer helps organizations stay ahead of cyber threats, enabling them to address potential risks before they escalate. This proactive approach minimizes the likelihood of costly security breaches.

Continuous Compliance:

The solution automates compliance reporting aligned with global standards like NIST, ISO 27001, and GDPR. ACD Optimizer keeps organizations audit-ready while reducing the risk of penalties and non-compliance.

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Attack Surface

- **Global Data:** The global Attack Surface Management (ASM) market was valued at USD 0.9 billion in 2024 and is expected to grow at a CAGR of 29.3% to reach USD 3.3 billion by 2029. The increasing frequency of cyber-attacks and the necessity for robust cybersecurity measures are driving this growth.
- **US Data:** In the United States, the cost of data breaches and other cyber incidents is particularly high. The average cost of a data breach in the US was USD 9.48 million in 2023, nearly double the global average of USD 4.45 million.
- **Cost of Cyber Incidents:** Effective attack surface management can significantly reduce these costs by identifying and mitigating vulnerabilities before they are exploited. This is crucial as the average cost of a data breach globally was USD 4.45 million in 2023 (IBM).

Cloud Portfolio Expenditure

- **Global Data:** Cloud infrastructure waste, including over-provisioned resources and redundant services, contributes significantly to unnecessary expenses. The global cloud waste can reach billions in unused and mismanaged resources annually.
- **US Data:** US companies are particularly impacted by cloud waste, with potential savings of up to 30% on their cloud bills if waste is effectively managed.
- **Cost of Cyber Incidents:** Inefficient cloud management increases security risks, as poorly managed resources can become entry points for attackers. Effective cloud waste management can mitigate these risks and reduce associated costs (Parachute, 2024).

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Security Posture Control

- Global Data: Regular security posture audits are essential for maintaining a robust cybersecurity framework. Organizations with strong security postures experience fewer successful attacks and lower associated costs.
- US Data: In the US, organizations with poor security postures face higher risks and costs. For example, the average cost of ransomware attacks on US organizations was USD 4.62 million in 2023.
- Cost of Cyber Incidents: Organizations with strong security controls can significantly reduce the costs of cyber incidents. For instance, ransomware attacks alone caused significant disruptions and costs, with the global average cost per incident being millions of dollars (Allianz).

Cost Optimisation Visibility and Reporting

- Global Data: Continuous monitoring and detailed reporting are crucial for maintaining optimal financial health in cybersecurity operations. Effective cost management helps organizations allocate their cybersecurity budgets more efficiently.
- US Data: In the US, companies that use detailed cost optimization and reporting tools save up to 20% on their cybersecurity expenses annually.
- Cost of Cyber Incidents: By effectively managing costs, organizations can prevent breaches and minimize incident response costs, potentially saving millions (Statista, 2023).

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Compliance

- **Global Data:** Compliance with regulations such as NIST, MITRE, CIS, ISO 27001, and GDPR is mandatory for many organizations. Non-compliance can result in hefty fines and increased vulnerability to attacks.
- **US Data:** In the US, regulatory fines for non-compliance can reach millions of dollars, making compliance management essential for avoiding these costs.
- **Cost of Cyber Incidents:** Non-compliance can add significant costs to data breach incidents. The average cost of a data breach in highly regulated industries, such as healthcare, is even higher, often exceeding USD 10 million per incident (Allianz).

Cyber Insurance

- **Global Data:** The cyber insurance market is growing as organizations seek to mitigate financial risks associated with cyber incidents. Detailed reporting and risk assessments are critical for securing favorable insurance policies.
- **US Data:** The US cyber insurance market is particularly robust, with companies increasingly investing in policies to cover the high costs of cyber incidents. The average cost of ransomware insurance claims in the US is among the highest globally.
- **Cost of Cyber Incidents:** Cyber insurance helps cover the substantial costs of data breaches, ransomware attacks, and other cyber incidents. The global average cost of cybercrime is expected to reach USD 9.5 trillion in 2024 (Parachute, 2024).

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CONCLUSION

In a world where cybersecurity threats are constantly evolving, ACD Optimizer (OPT) provides the robust, multi-layered defense that organizations need to protect their assets, Optimize costs, and stay compliant. Partner with Alchemy CyberDefence to transform your cybersecurity strategy and safeguard your organization's future.

WORK WITH US

ABOUT

Alchemy CyberDefence (ACD) was formed to revolutionize how businesses manage cybersecurity and SaaS optimization. Our mission is to streamline and secure enterprise digital operations, enhancing business efficiencies through innovative AI-driven solutions. ACD's customer-centric approach ensures high-quality, value-driven services that enhance security and Optimize costs, allowing you to focus on your core business. Led by industry visionaries, ACD provides strategic advisory services to align technology investments with your business objectives. We offer local expertise with a global perspective. By eliminating inefficiencies and enhancing security, our holistic approach drives productivity and supports sustained growth. Integrity, collaboration, and continuous improvement are at the heart of everything we do, ensuring you receive the best possible service.



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