QUALIZEAL

Empowering Compliance Excellence with Robust Cybersecurity: A Partnership with QualiZeal

70%
Reduction in web application vulnerabilities

50%
Decrease in potential exploit points identified during assessments.

30%
Reduction in false positives from SIEM and EDR systems.

The client is a market-leading provider of compliance management solutions, serving over 200 enterprise clients, including 80% of the top 25 financial services firms. Their platform transforms compliance and regulatory management with workflow-driven processes, data integration, regulatory insights, automated validations, business process automation, and comprehensive compliance dashboards. By improving efficiency, simplifying reporting, and reducing manual efforts, the client enables financial institutions to mitigate risks tied to non-compliance and navigate complex regulatory environments with ease.

Challenges:

● **Security Gaps in Web Applications**

The client faced critical challenges in securing its web applications against various cyber threats and potential breaches. Given their platform's handling of sensitive financial data, it was essential to fortify these applications against sophisticated attacks. The client needed a solution that could identify and address vulnerabilities in real-time, ensuring data protection and maintaining client trust in a competitive and regulated industry.

● **Network Infrastructure Vulnerabilities**

The client's network infrastructure was at risk from potential vulnerabilities that cyber attackers could exploit. With interconnected systems supporting various financial institutions, a highly secure network environment was crucial. The existing infrastructure had weak points that could be targeted, jeopardizing both the client and its clients. Securing the network was essential to prevent unauthorized access, data breaches, and other cyber threats.

● **Inefficient Handling of Alerts from SIEM and EDR**

The client's security team struggled with the overwhelming volume of daily alerts from their SIEM and EDR systems, many of which were false positives. This inefficiency led to missed threats and delayed responses, increasing the risk of undetected cyber threats and placing a heavy burden on the security team.

Solutions:

→ **Comprehensive Web Application Security Enhancement**

QualiZeal implemented thorough web application security testing using dynamic and static methods to uncover vulnerabilities. Regular security audits and penetration tests were conducted, and advanced authentication mechanisms like multi-factor authentication were deployed. This proactive approach fortified the client's web applications against potential cyber threats and breaches.

→ **Comprehensive Network Security Assessments, Firewall Optimization, WAF Implementation**

QualiZeal conducted detailed security assessments of the client's network infrastructure. Firewall rules were optimized for better protection, and Intrusion Detection/ Prevention Systems (IDS/IPS) were maintained to monitor and defend against network threats. These measures significantly reduced the risk of cyberattacks, safeguarding the client's critical network infrastructure.

→ **Improved SIEM & EDR Policies and Streamlined Alerts**

QualiZeal enhanced the client's SIEM system by implementing advanced analytics and tiered alerting for efficient threat prioritization. Automated response playbooks were integrated, and security policies were reconfigured to improve threat detection accuracy and reduce false positives. This streamlined approach allowed the client's security team to address real threats more effectively and promptly.

About

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QualiZeal is a leading independent digital quality engineering services company in North America, specializing in Quality Engineering, Digital Engineering, Advisory and Transformation, and Emerging Technology Testing. With over 750 skilled software quality engineers and a global client base of more than 70 enterprises across 12+ industries, QualiZeal is recognized for its innovation and high Net Promoter Scores (NPS).

The organization was recognised as the Fastest Growing Digital Quality Engineering Services Company at the 2022 Global Choice Awards and received the Bronze Stevie® Award for 2024 Tech Startup of the Year (Services) in the 22nd Annual American Business Awards®. It is also a Major Contender in Everest Group's Specialist and Next-Generation QE Services PEAK® Matrix 2023 and a notable provider in Forrester's Continuous Automation and Testing (CAT) Services Landscape Report (Q4 2023).

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