

CASE STUDY – SECURITY ASSESSMENT SERVICES

Application and Infrastructure Security Assessment for a Leading General Insurance Firm

BUSINESS CHALLENGE

A leading general insurance firm operating 59 branches and offering competitive products such as vehicle, health, and critical illness insurance had a robust online presence. The company website and customer-facing applications were susceptible to attacks and they wanted to strengthen their cyber defenses. To meet growing business needs, they also built new apps and made frequent updates to existing ones.

The insurance firm wanted a scalable and reliable solution to secure their online applications and infrastructure from threats and vulnerabilities. The solution should include threat model analysis and security assessments, integrated seamlessly into the application development cycle.

SOLUTION APPROACH

Aujas security assessment experts tailored an on-demand application and infrastructure assessment solution consisting of manual and automated tool-based approaches.



A. Understand the application development environment

- Identify the frequency of major application releases.
- New application development roadmap.
- Technologies used in application development and size of applications.
- White box assessments for code review.
- Gray box assessments through credential-based penetration testing.
- Threat modeling.
- Network security assessments.
- Architecture reviews.

B. Develop security assessment strategy

Define security assessment strategy for the type of tests to be conducted on applications based on parameters such as:

- Application criticality.
- Application type (cloud, mobile, web app, legacy applications).
- Compliance requirements.
- Time available for conducting assessments.

C. Guidance and support

- Report walkthroughs and vulnerabilities identified and brief teams and stakeholders.
- Provide advice to development teams during the vulnerability mitigation process.

D. Confirmatory assessment

- Validate whether vulnerabilities are getting mitigated securely.
- Submit a confirmatory assessment report to teams and stakeholders.

SOLUTION RECOMMENDATIONS



Scalable and flexible on-demand application security assessment model to meet growing business needs.



Timely detection and remediation of vulnerabilities.



Standardized approach to mitigate vulnerabilities documented and shared with the development team.



Cost savings by investing on just-in-time people resources extendable based on project needs.



ABOUT AUJAS

Aujas cybersecurity is an enterprise security service provider for organizations across North America, Asia Pacific, and EMEA regions. Aujas has deep expertise and capabilities in Identity and Access Management, Risk Advisory, Security Verification, Security Engineering & Managed Detection and Response services. By leveraging innovative products and services, Aujas helps businesses build and transform security postures to mitigate risks. The service focus is to strengthen security resilience by minimizing the occurrence of sophisticated attacks and threats while offering 360-degree visibility and protection across enterprise infrastructure.

For more information, do visit us at www.aujas.com or you can also write to us at contact@aujas.com

