



Security Audit and Assessment of Stakeholder Management Website

SustaiNet Software International Inc. is a global provider of web-based stakeholder information management and online community engagement software for organizations that value the input, interests and concerns of the audiences they serve and the communities in which they operate.

Their software is specifically designed for organizations that need to involve and communicate with various stakeholders, land owners, aboriginal peoples, communities and the general public that may be impacted by their projects and initiatives. SustaiNet simplifies the stakeholder management process. With their software organizations can now rapidly access accurate and auditable stakeholder information.

SustaiNet Software International Inc.

Industry	Location	Employees
Software	Vancouver, BC	<50

Highlights

- Due to the tight timeline the Optimus QA team had to quickly learn the software.
- Vulnerabilities in the website code had to be identified through security testing.
- DoS and other methods of attacking the website had to be identified.

The Need

SustaiNet needed a QA team with extensive experience in information security standards and practices that could meet deliverables in a short timeframe. This team had to be knowledgeable about prevalent security threats and be able to practically rank the level of these threats. The client also required a simple but comprehensive report describing the security threats and issues.

Key Challenges

- Due to the tight timeline the Optimus QA team had to quickly learn the software.
- Vulnerabilities in the website code had to be identified through security testing.
- DoS and other methods of attacking the website had to be identified.

How Optimus Helped

The Optimus team first familiarized themselves with the client's web application. The client provided a demo of the application and then the Optimus team did an in-depth review of all features. After the review the Optimus team completed a security audit and assessment through the following steps:

1. We identified the best approaches for launching security attacks on the website in order to best test the system's security functions.
2. Our team decided upon a manual rather than tool-based testing approach. This allowed our team to test customized scenarios with better penetration. We carried out testing through a secure web application.
3. After the initial stages of testing, our team created a report containing detailed descriptions of the issues found. These issues were given an impact rating and a suggested action plan.
4. Our client addressed the initial issues the Optimus team uncovered. We followed up by verifying that the issues from our first round of testing had been fixed and completed the project with a final report.

"We have been working with Optimus since 2013 and are very satisfied with their software development and testing work. We have been particularly pleased with their productivity and professionalism. Optimus engineers are responsive in completing change requests and bringing projects in on time and within budget. I highly recommend their services."

Howard Adam
President & CEO

The Result

At the end of the project the client received a final report with an assessment of the security of their web-based stakeholder management application. The report described the security threats and issues so their development team could take further actions accordingly.

Optimus was successfully able to identify critical security issues that the SustainNet development team was quickly able to resolve before any threats took place. Optimus tested the website after the security threats were fixed to ensure that there were no further security vulnerabilities.

About Optimus Information

Headquartered in Vancouver, Canada with delivery centers in Canada and India, we work as a trusted partner to medium and large businesses to solve their software and technology challenges. With a team of 150+ people Optimus Information provides global organizations with scalable, flexible and cost efficient solutions. **Optimus Information provides global reach with a local presence.**

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