



**ZenSár**

# Digital Testing - Largest Internet Governance & Control provider

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**CASE STUDY**

## Security Testing - Largest Internet Governance & Control provider

Client is the non-profit corporation with responsibility for IP address space allocation, protocol parameter assignment, domain name system (DNS) management, and root server system management functions. The Customer wanted to conduct security testing to verify the security controls of their public facing Web applications and intranet web applications. The applications were to be tested in QA and UAT environment. The client was mainly worried about the security of business sensitive data on different integrated applications.

### How did Zensar bring about the visible transformation?

- Prioritized business logic test scenarios along with OWASP TOP 10 and other industry standard best practices.
- Performed Manual Ethical exploitation using customized exploit scenarios based on GUIs parameters.
- Executed customized, dynamic Application Security Testing uses automated tools like Burp suite Pro, and OWASP ZAP etc.
- Manual verification and risk analysis of the findings.
- Manual assessment of components not covered by the automated scanner, as well as any complex attack scenarios.

#### Company:

A non-profit corporation with responsibility for IP address space allocation and DNS Management

#### Business Benefits

- **Detection of critical vulnerabilities:** - Loopholes in the security of the application identified and with continuous security testing 80% decrease in the severe security bug trend.
- **Lowered offshore development costs:** By enabling developers to rapidly fix vulnerabilities with minimal additional spend.
- **Cost of online commercial VAPT scanning is reduced:** Frequency of online scanning have been reduced to 40% and it is further going to reduce due to effective Manual and semi- automated security testing approach
- **Secure SDLC Practices:** The client benefited to adopt secure SDLC practices to build secure applications and with that Systems security posture become more secure and there no hacking incident has been reported in recent times

### Top Benefits Achieved

