Consistent System
We Believe In Consistent Security
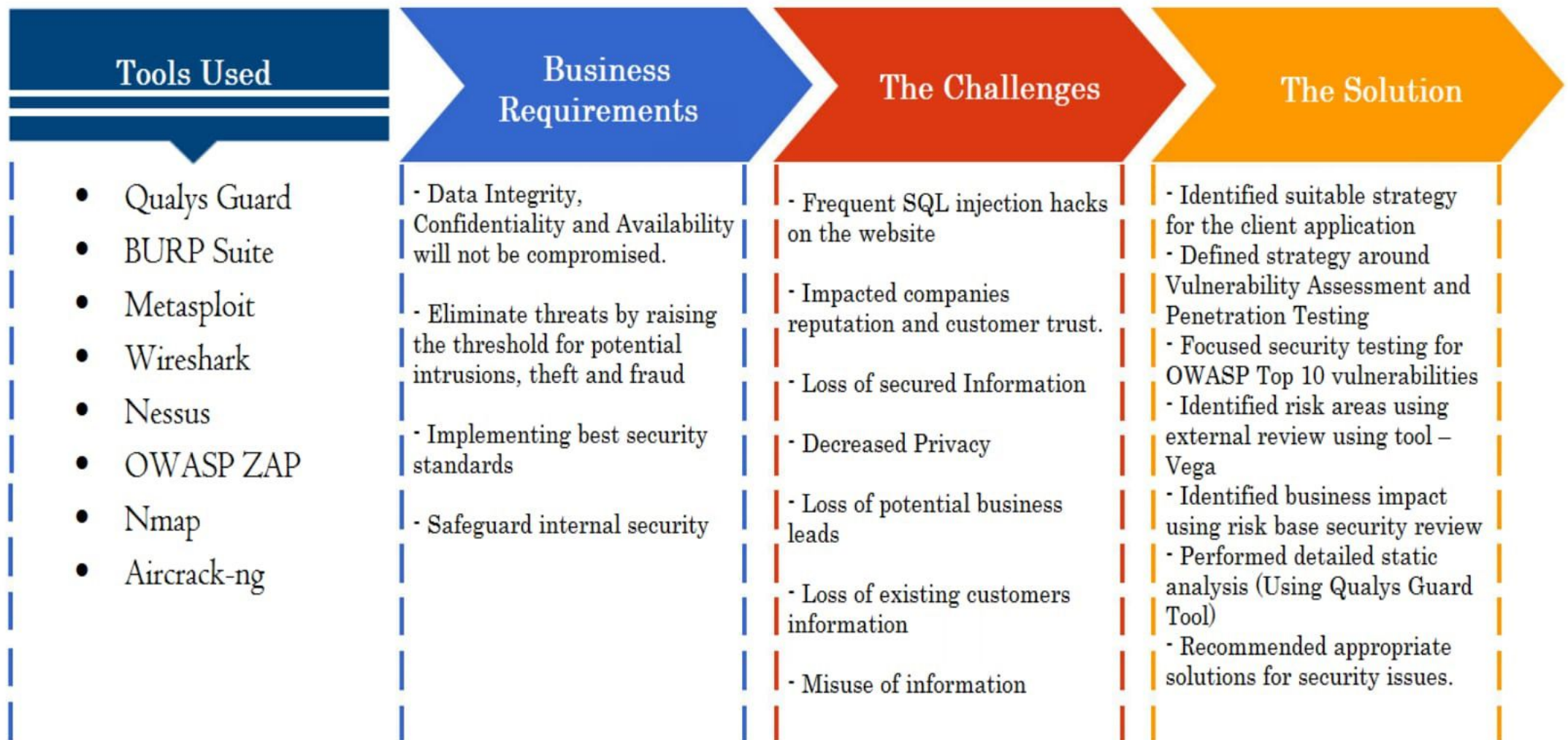
Case Study

Web Application Security and Penetration Testing
Tax Filing Company

Tools Used	Business Requirements	The Challenges	The Solution
• Qualys Guard • BURP Suite • Metasploit • Wireshark • Nessus • OWASP ZAP • Nmap • Aircrack-ng	- Data Integrity, Confidentiality and Availability will not be compromised. - Eliminate threats by raising the threshold for potential intrusions, theft and fraud - Implementing best security standards - Safeguard internal security	- Frequent SQL injection hacks on the website - Impacted companies reputation and customer trust. - Loss of secured Information - Decreased Privacy - Loss of potential business leads - Loss of existing customers information - Misuse of information	- Identified suitable strategy for the client application - Defined strategy around Vulnerability Assessment and Penetration Testing - Focused security testing for OWASP Top 10 vulnerabilities - Identified risk areas using external review using tool – Vega - Identified business impact using risk base security review - Performed detailed static analysis (Using Qualys Guard Tool) - Recommended appropriate solutions for security issues.

The Benefits

Ensured application security:	Detailed and well defined QA processes leading to a 99% application security improvement within the stipulated time
Usage of Open Source and Licensed Tools:	Usage of automated tool Qualys Guard, Burp, Owasp Zap helped to speed up security testing work up to 50%, also use of open source tool reduced cost by 60%
Test Coverage - Security:	100% test coverage on OWASP Top 10 vulnerable – resulting in full security standard compliance
Help For Security Certification:	Help organizations to comply with industry-driven regulatory requirements and standards such as PCI DSS, ISO 27002