



SSL247
SECURING VALUE

PENETRATION TESTING AND AUDIT SERVICES

Over the last 5 years, the average cost of a cyber-attack has **soared by 62% to reach \$11.7 million** per organisation (Ponemon Institute Cost of Cyber Crime Report). It is now vital to have the right cyber security policy.

Penetration testing and audit services by **SSL247** are **the best way to assess and evaluate your internal and external security**.

A **penetration test** is a simulation of a malicious attack on a computer system, a network or an organisation under real-life conditions. It allows you to determine the resistance of your computer system against real threats.

Security audits complement penetration tests because they add **an additional layer of assessment** on technical aspects such as the source code, system and network configuration and other documentation **that attackers do not usually have access to**.

Our offer

SCOPE OF WORK	TARGET	Black box Tested processes and components are unknown to the consultant	Grey box Tested processes and components are partially unknown to the consultant	White box Every aspect of the audited project is available to the consultant		
POINT OF VIEW		Attacker		Malicious employee	Administrator (full access)	
Application	URLs	Application penetration tests Vulnerability Assessment Services	Red team	Authenticated application penetration tests	Source code review Configuration review on applications	
Internet-exposed infrastructure	Public range of IP addresses	External penetration tests Vulnerability Assessment Services		Enterprise access penetration tests (VPN, Citrix, RDP)	Configuration review on system and network components	Incident Response Forensics
Internal infrastructure: Network, Servers, Workstations, Wi-Fi, VoIP	Private range of IP addresses / Specific VLAN	Internal penetration tests Wireless penetration tests		Internal penetration tests: "internship simulation" Telephony over IP penetration tests	Security architecture review	
Employee security awareness	List of employees	Social engineering		Security training for technical and non-technical employees		

CONTACT OUR EXPERTS: 0203 143 4120 | www.SSL247.co.uk | info@SSL247.co.uk

Our Accreditations



Why carry out a penetration test with SSL247®?

IDENTIFYING VULNERABILITIES

The goal is to highlight the security flaws in a **deliberately limited** time that mirrors a **real-life malicious attack**.

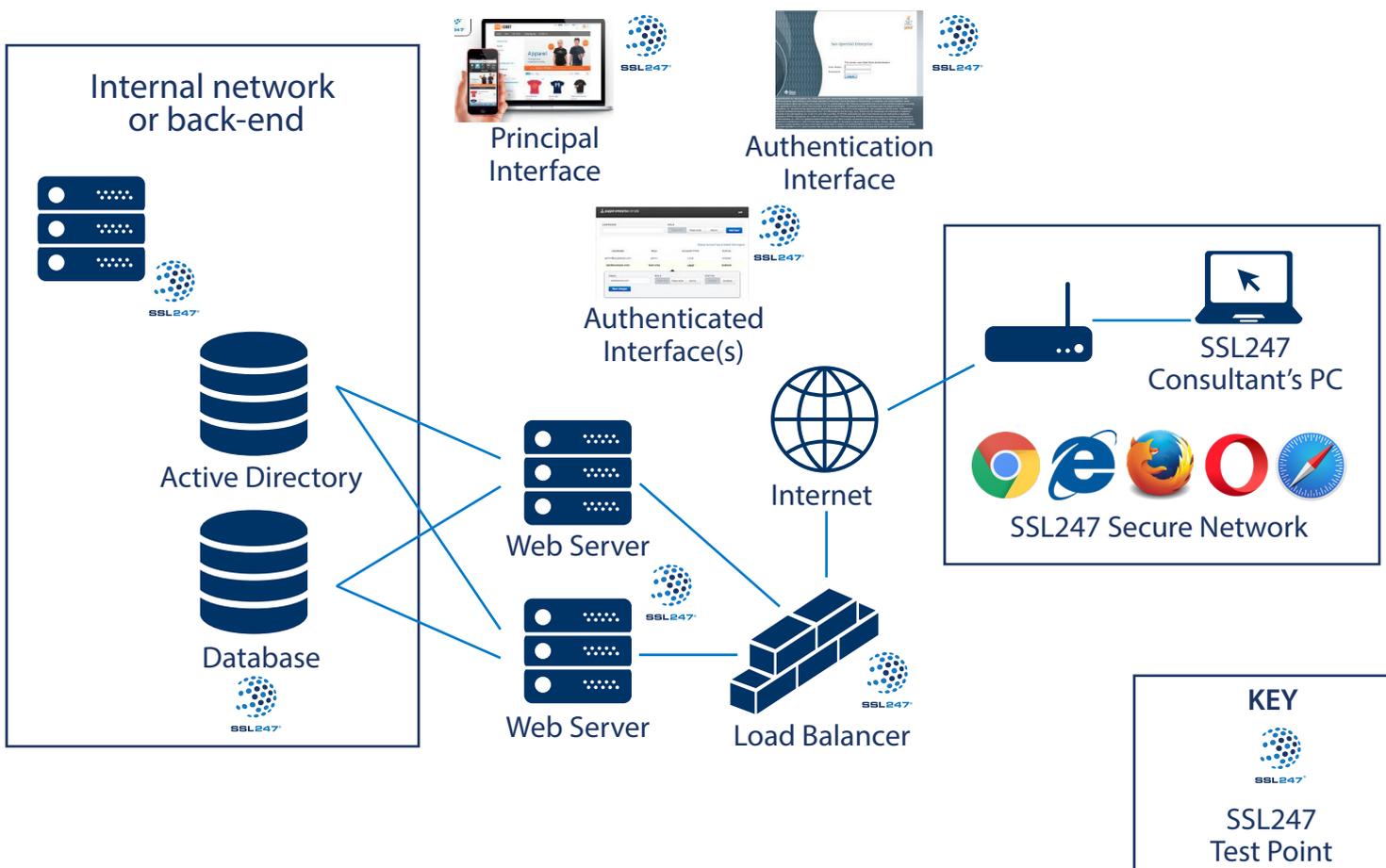
MANUAL TESTS CARRIED OUT BY OUR EXPERIENCED CONSULTANTS

All tests are **carried out manually**, by our accredited experts. This allows a more **targeted identification** of vulnerabilities and analysis based on **your specific business needs**.

REALISTIC SIMULATION

Penetration tests should make use of attack tools and methodologies that are comparable to those **available to a real-life attacker** trying to compromise your systems.

Example - Application penetration test



Our customers include



Tailored reports for your technical and managerial team

Rated risk level



EXT-0 THE APPLICATION DOES NOT FILTER THE SPECIAL CHARACTERS

SCOPE example.org

- Multiple application URL settings can be manipulated to insert browser-interpretable JavaScript code. An attacker can exploit this weakness to trick their target. This would involve encouraging the target to click on a link specifically designed to trigger the attack.
- If successful, an attacker could, for example, force users to be redirected without consent from the application they tried to access to a site or application designed to steal information from the target.
- Correct Cross-site scripting faults**
In order to counteract this type of attack, we recommend that you encode all parameters displayed on the client side in HTML and make sure that the variables do not contain any unexpected characters

Difficulty of exploitation	Impact	Risk level	Correction difficulty
Medium	Major	Major	Easy

ID	Description	Risk level	Corrective action	Perimeter
EXT-0	The application does not filter special characters	Major	Configure Apache Server	example.org
EXT-1	A LFI flaw is present	Critical	Re-writing index.php file	example.org
EXT-2	Information disclosure: Verbose banners	Minor	Change the configuration	example.org

Our commitments



Confidentiality

Testing and reporting carried out on a dedicated network isolated from the rest of the company
 Reports and traces stored securely or erased on demand
 All data will be classified restricted



Experience and technical strength

Development of our own tools
 Certified engineers and analysts skilled in offensive security tactics
 Regular training on information system security threats and best practices



Ethics and discipline

A rigorous approach and methodology
 Respect for the agreed scope of work
 Immediate communication in the case of a critical risk being discovered



Flexibility and adaptability

Tailored tools and methods of testing
 Recommendations prioritised and applied to your needs

Our customers include



Who are our penetration testers?

AN EXAMPLE PROFILE OF OUR PENETRATION TESTERS

Experience:

- 10 years, including several years at the Audit & Inspection offices of the National Cybersecurity Agency (ANSSI)
- Leading a penetration testing and audit team



Specific Skills/Expertise:

- Penetration testing, development and incident response services
- Reverse engineering
- Industrial systems and iOS systems

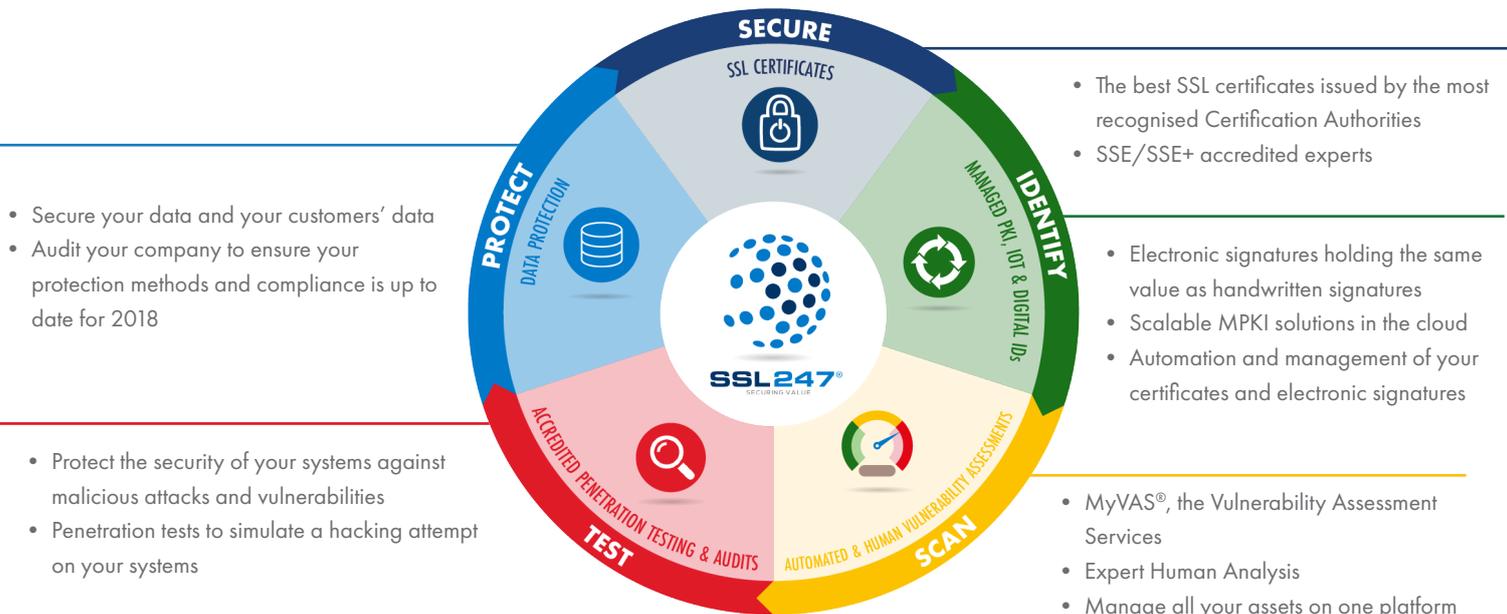


Certifications:

- OSCE (Offensive Security Certified Expert)
- OSCP (Offensive Security Certified Professional)
- OPSA (OSSTMM Professional Security Analyst)
- CREST Registered Tester (CRT)



Our services



What our clients say

"We were very happy engaging with SSL247® for our annual penetration test, the consultation at the beginning and the level of detail in the reports helped us identify our security issues and gave us a good amount of information on how to remediate as well. So all in all we will be continuing to use SSL247® going forward for our security work."

Infrastructure and Operations Manager at CIPD

"It was a pleasure to work with the SSL247® PenTest team in the last month, and I appreciated very much the clarity of the report which allowed me and our team to fix issues very quickly and to bring our app to a big step forward security-wise."

CEO at a software company

"They undertook a Penetration Test for us. This was arranged very quickly and the work completed to time. [SSL247] produced a full report and in the subsequent feedback meeting gave more helpful information on fixing problems specific to our web environment."

Project engineer in an IT company

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