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Vinmore & SEDDA Security Testing Service – Service Definition

Service Summary

Vinmore's expert ecosystem partner, SEDDA Security, has developed the Security Testing Service (STS) - a managed security test and assurance. STS delivers continuous, lifecycle-wide security testing and assurance to support the secure design, development, migration, and operation of digital services.

STS works alongside Buyer Cyber Security, delivery, and assurance teams to identify, assess, and manage security risks early and continuously. The service aligns to government security frameworks, Buyer Cyber Security policies, and recognised industry standards, providing clear, governance-ready evidence to support approvals, audit, and ongoing risk management.

Service Description

STS provides coordinated access to skilled security testers and specialists who deliver structured, repeatable security testing across applications, infrastructure, cloud environments, data, and integrations.

Unlike point-in-time testing, STS embeds assurance throughout the delivery lifecycle, from early design through live operation. This reduces late-stage rework, improves delivery confidence, and strengthens operational resilience.

STS complements mandatory CHECK Penetration Testing by providing continuous internal testing, rapid retesting, and readiness assurance ahead of formal CHECK engagements.

Features

- Managed security testing and assurance service
- Continuous, lifecycle-wide security testing
- Internal penetration testing across applications, infrastructure, cloud, APIs, and integrations
- Security Test & Assurance framework aligned to Secure by Design principles
- Testing aligned to Buyer Cyber Security Policy and government frameworks
- Rapid turnaround and retesting
- Governance- and audit-ready assurance evidence
- Integration with agile and iterative delivery models

Benefits

- Early visibility of security risks
- Reduced delivery delays caused by late security findings
- Lower cost and faster turnaround than external-only testing
- Improved confidence for governance and approvals

- Stronger protection of sensitive data and critical services
- Continuous assurance beyond point-in-time compliance testing

Detailed services

Security Test & Assurance approach

STS applies a structured Security Non-Functional Requirements (NFR)-based framework to define security expectations, shape test scenarios, and validate controls throughout delivery.

The approach assesses not only technical vulnerabilities, but also alignment with secure design principles, policy requirements, and operational resilience expectations. Testing outputs provide clear, traceable evidence to support governance, audit, and risk decisions.

Penetration testing

STS delivers internal penetration testing to identify exploitable weaknesses before they can be abused. Testing uses recognised tools, techniques, and methodologies aligned with industry best practice.

Internal penetration testing provides: - Faster delivery than CHECK Penetration Tests - Lower cost - Ongoing testing throughout development - Rapid retesting of fixes - Evidence to support CHECK readiness

STS does not replace mandatory CHECK Penetration Tests but provides continuous assurance alongside them.

Application security testing

Assessment of applications for vulnerabilities such as insecure authentication, weak session management, insecure coding practices, and poor data handling.

Network and infrastructure testing

Evaluation of servers, network devices, and configurations to ensure systems are hardened and resistant to common attack techniques.

Cloud security testing

Validation of cloud environments (including AWS and Azure) against security best practice, Buyer policy, and recognised compliance frameworks.

API and integration security testing

Assessment of APIs and integrations for risks such as insecure endpoints, weak authentication, and excessive data exposure.

Data security testing

Assessment of data classification, storage, protection, encryption, and retention to support data protection and regulatory compliance.

Compliance and standards-based testing

Testing aligned to recognised frameworks including: - NCSC Cyber Assessment Framework (CAF) - NIST Cybersecurity Framework and NIST SP 800-53 - OWASP Top 10 and OWASP API Security Top 10 - Buyer Secure by Design principles.

Security Non-Functional Requirements (NFRs)

STS uses a continually maintained Security NFR set covering areas including: - Secure by Design - Identity and access management - Authentication and cryptography - Secure development practices - Configuration and asset management - Cloud security - Logging, monitoring, and alerting - Incident detection and response - Backup, restore, and recovery - Resilience and availability - Data protection - Risk management and governance.

These NFRs provide a portable, repeatable, and defensible assurance model that supports consistent validation across services and suppliers.

Why Choose Us?

We understand that when it comes to selecting a G-Cloud service provider, you have numerous options. Here are compelling reasons why you should choose us:

Expertise and Experience

With years of experience in the industry, our team comprises experts who are well-versed in the latest trends and best practices. We pride ourselves on our deep understanding of the unique challenges and opportunities within your sector.

Customised Solutions

We recognise that every business is unique, with its own set of challenges and goals. That's why we offer tailored solutions designed to meet your specific needs. Our approach is flexible and adaptable, ensuring that we deliver the best possible outcomes for your business.

Commitment to Quality

Quality is at the heart of everything we do. We are committed to providing services that exceed your expectations. Our team follows rigorous quality assurance processes to ensure that we deliver exceptional results every time.

Customer-Centric Approach

Your satisfaction is our top priority. We strive to build strong, long-term relationships by listening to your needs and providing proactive support. Our team is always ready to assist you and address any concerns you may have promptly.

Innovative Solutions

In today's fast-paced business environment, innovation is key. We continuously invest in research and development to bring cutting-edge solutions that drive growth and efficiency for your business.

Proven Track Record

Our success stories speak for themselves. We have a proven track record of helping businesses like yours achieve their goals through our services. Our clients trust us to deliver results that make a tangible difference.

By choosing us, you are partnering with a team dedicated to your success. We look forward to working with you and supporting your business on its journey to excellence.

Additional details

To get further details on this service and discuss your specific requirements, please send an email to maureengore@vinmore.co.uk or call Maureen on 07900655120, or email Info@sedda.ai or davidm@sedda.ai .