SDLC SERVICES

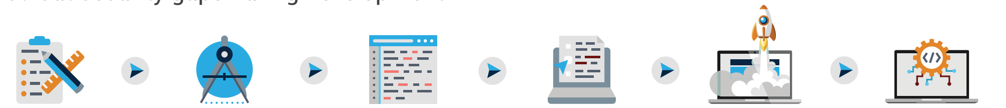
TANGIBLE SECURITY

SECURE DEVELOPMENT LIFE CYCLE SERVICES

Add Security at the Early Stages in Your Development Cycle

According to Gartner, over **80 percent of cyber security breaches are the result of exploits of vulnerabilities at the application layer**. There is an inherent need for security to be engineered within modern software development earlier in its life cycle and built into the way code is developed, instead of waiting until after a product release.

Tangible Security has helped mesh rapid software development with security and risk management for developers of mission critical applications in the F500, defense and intelligence communities for over 15 years. By adding security into the development process, Tangible can help implement a more effective, security-focused software development program and provide "fresh eyes" and objectivity to services that help root-out security gaps during development.



Adding Security in the Development Process

Requirements	Design	Coding	Testing	Release	Post Release/Response
Security Requirements Compliance Analysis	Security Architecture Risk Assessment Secure Development Threat Modeling	Code Review 3rd Part Code Vetting Static/Dynamic Analysis	Product Testing Penetration Testing (Hardware/Software/Firmware/Radio)	Attestation Validation	Policy/Governance/ Incident Response Plan Vulnerability Validation Forensics Monitoring

Tangible Security's **Secure Development Life Cycle service** formulates a project plan to refine and execute a road map with deliverables that transitions your program development process to one that's more secure, cost effective and competitive. Tangible can help with:

- Security best practices training (OWASP, RMF, COSO, COBIT, ISO 7200X)
- Formulating pragmatic security requirements
- Identifying, mitigating threat vectors and developing threat models
- Unit/functional/system security testing practices
- Independent code reviews
- 3rd party/open-source code vetting
- Platform security hardening
- Adversarial penetration testing
- Rolling out a formal vulnerability handling policy

IS MY PRODUCT SECURE BY DESIGN?

Quick Glance:

WHO: Software managers and developers

WHAT: Add security earlier in the development cycle

WHY: Combining software development and risk management earlier in the lifecycle increases security, reduces costs

> **50%** of companies and organizations will have suffered damage caused by failing to manage trust in their software development life cycles.
>
> *Gartner*

Tangible Security employs the most sophisticated cyber security tools and techniques available to protect our clients' sensitive data, infrastructure and competitive advantage. For nearly two decades, Tangible Security has developed and implemented innovative methodologies, processes, and technologies to ensure security at every stage of information processing, transmission, storage, and access. We appreciate the strong presence and reputation we have earned in the Defense and Intelligence communities, which embody the gold standards of U.S. cyber security.

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