

DevSecOps & AppSec Automation

Security built into your pipeline, so every release ships safer

Development teams now release weekly, daily or many times a day. A penetration test once a year cannot keep pace, and a vulnerability found after release costs far more to fix than one caught while the code is being written.

DevSecOps moves security into the development pipeline itself. The right checks run automatically on every commit and build, developers get findings in the tools they already use, and serious issues are stopped before they reach production.

SentryArk designs, builds and tunes that pipeline with your engineering team, then backs it with the manual testing that automation alone cannot replace.

SECURITY IN EVERY STAGE OF THE PIPELINE

We assess how your software is built and shipped today, then integrate the controls that fit your languages, platforms and release cadence. Every tool is tuned so developers see real, actionable findings rather than noise they learn to ignore.

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| ■ Static code analysis (SAST) | ■ Dependency scanning and SBOM | ■ Secrets detection |
| ■ Container and IaC scanning | ■ Dynamic testing (DAST) | ■ Security gates and dashboards |

A SECURE DEVELOPMENT LIFECYCLE

Tools are only part of the answer. We help you build a secure development lifecycle: threat modelling for new features, secure coding guidelines and training, and clear ownership for fixing what the pipeline finds.

Because our consultants test applications every day, we know which weaknesses matter in practice, and we tune your automated checks to catch them.

ENGAGEMENT DETAILS AND METHODOLOGY

Our approach follows the OWASP Software Assurance Maturity Model (SAMM) and OWASP DevSecOps guidance, so you can measure maturity at the start and track how it improves.

Maturity assessment	01	We review your SDLC, repositories, CI/CD platforms and current tools, and benchmark your maturity against OWASP SAMM.
Pipeline design	02	We choose and position tools and security gates for each stage, from pre-commit to deployment, to fit your release process.
Integration and tuning	03	We integrate tools with your CI/CD platform and ticketing system, then tune rules and baselines to remove false positives.
Enablement	04	Threat modelling sessions, secure coding training and playbooks help developers triage and fix findings themselves.
Continuous improvement	05	Regular reviews of findings, metrics and coverage, backed by periodic manual penetration tests.

The engagement includes

- SDLC maturity assessment
- Integrated and tuned security tooling
- Vulnerability metrics dashboard
- Pipeline security architecture
- Developer training and guidelines
- Periodic manual penetration testing

ABOUT SENTRYARK

SentryArk is a team of security engineers, SOC analysts and offensive security specialists. Our consultants hold OSCE, CRT0, CEH and ISMS certifications. We have secured 20+ organisations, assessed 8K+ devices and 30+ applications, and reported 250+ vulnerabilities. Because the same team attacks and defends, our advice reflects how real attackers operate.