

Application security program development and implementation

Helping shift security in the direction that's right for you

Application security is a discipline not a task. The success of any modern-day AppSec program relies on collaboration; executive support; and common security goals across development, security, and operations. Regardless of what part of the software assurance journey you're on, we can evaluate the technology solutions that power your DevOps pipeline and define and create the standards meant to control risk within the software development lifecycle.

Approach application security as a defense strategy

Without the right security controls in place, developers are unknowingly — or even sometimes knowingly — leading attackers to production assets and data. When you stop thinking about application security as overhead, you can responsibly prioritize risk through meaningful processes that not only inherently protect users and data, but also allow for critical services and business functions to remain operational. From here you can take advantage of the affordability and accessibility of modern solutions to normalize development pipelines, introduce scalable continuous integration, and cut costs, not corners.

Application security program development

From secure-coding standards to management of third-party or open-source dependencies, to risk acceptance and secure deployment, application security touches all aspects of DevOps technologies

and practices. Following a current-state maturity analysis, we develop actionable roadmaps with roles and responsibilities that allow you to manage application risk while balancing business objectives and innovation.

- Perform cross-discipline maturity assessments for software assurance, measured against industry-standard frameworks like OWASP SAMM.
- Analyze and document program strengths and challenges, such as:
 - The adoption and effectiveness of existing security solutions, standards, and practices
 - Where and how controls are introduced to prevent and detect security flaws as they're built into software
- Assess costs and capabilities while identifying target maturity and necessary stakeholders in a future-state program maturity roadmap.

Application security program implementation

The successful implementation of an AppSec program requires an understanding of the realities that surround business and development environments. Leveraging our experience working with every aspect of the business, we guide a realistic, results-driven implementation of your AppSec program, and support it with clear messaging that outlines progress and encourages security communication throughout the organization.

Our services allow for the guidance and ongoing maturation of items found on a complete or notional roadmap. Deliverables may include the creation and delivery of items tailored to your organization, including:

- Standards, policies, and procedures
- Risk ratings
- Secure coding checklists
- SAST and DAST implementation workflows
- Vendor management guidelines

Why Coalfire

- Because adopting secure development standards and practices requires more than just putting rules on paper, we help you define standards to fit your unique environment and enable your architects and developers to succeed through training, measurement, and automation.
- Our AppSec consultants have experience in both software engineering and security consulting, which means we're able to deliver modern, actionable guidance on all aspects of application security.
- We conduct more than 1,000 complex projects each year for clients in the technology, healthcare, financial, manufacturing, energy, and retail industries.
- Our team comprises experienced testers of the world's largest cloud service providers, including Amazon, Google, IBM, Microsoft, Oracle, and Salesforce.
- For the past 10 years, we have trained and educated security professionals at Black Hat in the advanced tradecraft we developed.

Drive successful AppSec implementations across development, security, and operations.

Learn more about Coalfire's AppSec program development and implementation services.

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About Coalfire

The world's leading technology infrastructure providers, SaaS companies, and enterprises – including the top 5 cloud service providers and 8 of the top 10 SaaS businesses – rely on Coalfire to strengthen their security posture and secure their digital transformations. As the largest firm dedicated to cybersecurity, Coalfire delivers a comprehensive suite of advisory and managed services, spanning cyber strategy and risk, cloud security, threat and vulnerability management, application security, privacy, and compliance management. A proven leader in cybersecurity for the past 20 years, Coalfire combines extensive cloud expertise, advanced technology, and innovative approaches that fuel success. For more information, visit [Coalfire.com](https://www.coalfire.com).