SYNOPSYS®

Maturity Action Plan (MAP)

Navigate your way toward building security into your software

Overview

As security and development teams collaborate to improve their software security posture throughout the organization and across their application portfolio, organizations are looking to prioritize achievable risk mitigation goals. They want to determine not only how to improve what they're doing but also what else they should be doing to meet their objectives. Developing a plan is essential to prioritize funding, streamline resources, and reduce the risk of software vulnerabilities. The Synopsys Maturity Action Plan (MAP) provides software security leaders and practitioners with actionable guidance for evolving an existing software security program (SSP) or chartering a new one. A MAP starts with an evaluation your security program's people, processes, and technology using a seven-factor analysis or Building Security In Maturity Model (BSIMM) framework. Synopsys will then partner with your SSP leaders to establish a multiyear strategy that is tailored to maximize ROI and reduce risk within your organization.

Actionable guidance from experts

Often conducted in tandem with a BSIMM assessment, the SSP MAP provides a compass for security leaders to navigate the dense field of possible investments across products, projects, and people. Our process is simple, and our expertise is unparalleled.

Build consensus for SSP objectives

Your software security initiative must be tailored to your organization. That starts with understanding the risk profiles facing the business, rationalizing stakeholder pressures, and building consensus for a program charter.

Determine the current state of your software security activities

In this phase, our consultants measure the current state of your enterprise software security activities, including your SSP and your secure software development life cycle (SDLC), using the industry standard for SSP measurement (BSIMM). For organizations with no formal SSP, we recommend a penetration test or secure code review in place of a BSIMM assessment, with an emphasis on discovering defects as early as possible in the SDLC to avoid expensive late-stage remediation efforts.

Once your MAP is developed, we can help you socialize it to get the buy-in, resources, and support you need to implement it.

Consultants will help estimate efforts, define key milestones, and identify quick wins on the way toward the target state.

Define your target state

Our experts will work with your SSP leaders to determine the changes necessary to satisfy SSP objectives and stakeholder concerns. In this phase, our consultants draw on their extensive experience in helping organizations build security into software. They also consider industry best practices, compliance and regulatory obligations, and the organization's risk tolerance.

Define the path forward

Software security is a journey, not a destination. However, building and maintaining a vision of your software security program is essential for success. In this phase, experts will help you to define, prioritize, and rationalize the next 12–24 months of transformation effort toward the target state.

Key benefits

- Uncover the software security strategies, capabilities, and activities your organization should employ.
- Provide management with a high-resolution roadmap for maturing your SSP over the next two years.
- Allocate your budget more effectively by prioritizing high-impact efforts and starting long timeline efforts earlier in the implementation phase.

Take advantage of our 20+ years of experience in implementing successful software security initiatives. Once your MAP is developed, we can help you socialize it to get the buy-in, resources, and support you need to implement it.

The Synopsys difference

Synopsys helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior.

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