

AppSec Maturity Assessment

What Is an AppSec Maturity Assessment?

Most modern application teams strive to be agile and use DevOps and CI/CD practices, but it is often difficult to say what the security posture and maturity is in the process and in the team. It is therefore recommended that all organizations keep track of the overall security posture of development projects.

Truesec's AppSec Maturity Assessment will provide you with an overview of the current level in the different security practices built upon the core business functions of Governance, Design, Implementation, Verification, and Operations.



Predict



Prevent



Detect



Respond



Recover

The AppSec Maturity Assessment Will Give You:

Answer to questions like:

- How mature are your organization in identifying and understand project-level risks based on the functionality of the software being developed and characteristics of the runtime environment.
- How mature are your organization in arming personnel involved in the software lifecycle with knowledge and resources to design, develop, and deploy secure software.
- How mature are your organization in building software in a standardized, repeatable manner, and of doing so using secure components, including 3rd party software dependencies

And many more.

About Us

As a global cybersecurity company, we're proud to be at the forefront of protecting organizations and our society against cyber threats. Our purpose has been clear since day one: Creating safety and sustainability in a digital world by preventing cyber breach and minimizing impact. We never cease to challenge and reinvent ourselves to help defend your most valuable data assets every day.

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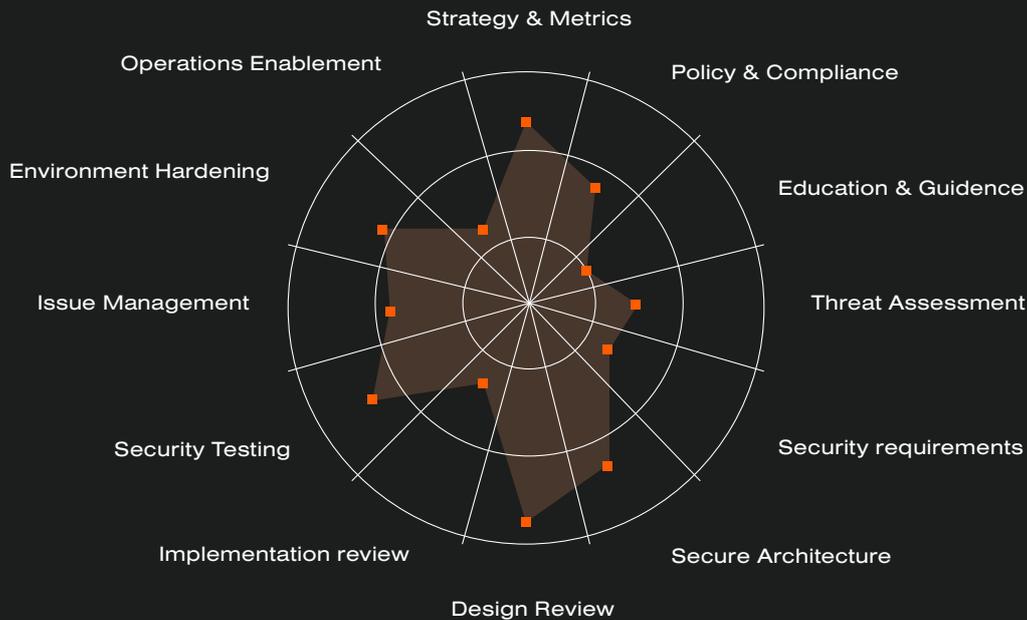
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The Truesec Promise

We always strive for the best results for our customers.
That is a Truesec promise.

How We Do It

To start the process, Truesec can perform an overall maturity measurement. We use OWASP SAMP as a basis, with additional recommendations based on specific technologies. The output of such an assessment can work as an overall roadmap for improvement.



The Software Assurance Maturity Model (SAMP) is an open framework to help organizations formulate and implement a strategy for software security that is tailored to the specific risks facing the organization. The resources provided by SAMP will aid you with:

- Evaluating an organization's existing software security practices.
- Building a balanced software security assurance program in well-defined iterations.
- Demonstrating concrete improvements to a security assurance program.
- Defining and measuring security-related activities throughout an organization.

The foundation of the model is built upon the core business functions of software development with security practices tied to each (see diagram to the right). The building blocks of the model are the three maturity levels defined for each of the twelve security practices. These define a wide variety of activities in which an organization could engage to reduce security risks and increase software assurance.

Governance	Strategy & Metrics Policy & Compliance Education & Guidance
Design	Threat Assessment Security Requirements Secure Architecture
Implementation	Secure Build Secure Deployment Detect Management
Verification	Architecture Assessment Requirements-driven Testing Security Testing
Operations	Issue Management Environment Management Operational Management

The Partnership

We see our work with our customers as a partnership.
We work together to get the best results and prevent incidents.



How To Start Benefiting From AppSec Maturity Assessment

You start by talking to your Truesec customer contact, or any of our experts. Together we will begin the journey to shift your application security activities from reactive to proactive and get an assessment of your current overall security posture of your development projects.

What We Have Learned

Security must be a primary concern in software development. With more than a decade specializing in secure development, we have a proven record in designing, building, and reviewing applications from a security, architectural, and maintainability perspective. Our methodology is focused on finding the right level of security for you and helping our customers achieve that level. We do this either by extending and enhancing your existing team with our expertise through assessment, coaching, and targeted engagement, or by Truesec designing and developing the required features fully.

In modern application development, security must be present throughout all parts of the development process, from planning and governance to monitoring of applications in production.

It is common for application teams to work in an agile fashion where releases are increasingly frequent, and the development pipeline is crucial to both the productivity and security of the project. Even if releases in a project are not frequent, it is important to understand the strength in “shifting left” in security, where additional focus is put on prevention of vulnerabilities over finding the vulnerabilities when they are already in your codebase, or perhaps even deployed to a production environment.