

# Application Security Solutions

Full software development lifecycle support and strategic partnership with Veracode



Photo: Unsplash

Cybersecurity is an increasingly important area for UN Agencies in getting their respective missions delivered. This includes security for DevOps and application development. Application security (AppSec) is the process of developing, adding, and testing security features within applications to prevent security vulnerabilities against threats such as unauthorized access and modification. Its goal is to improve security practices and find, fix and prevent security issues within applications. AppSec encompasses the entire application lifecycle from requirements analysis, design, implementation, verification to maintenance.

UNICC AppSec solutions offer guidance and support for governance, application integration and security testing. Continuous application security management, with onboarding and securing applications, by running security testing tools such as Static Application Security Testing (SAST), Software Composition Analysis (SCA) and Dynamic Application Security Testing (DAST).

UNICC is pleased to announce a strategic partnership with Veracode, a Gartner Magic Quadrant leader in AppSec services. Veracode offers a trusted partnership with UNICC, featuring volume discounts for UNICC Clients and Partner Organizations. Veracode provides a consolidated platform for AppSec testing including its solutions of Static Analysis, Software Composition Analysis and Dynamic Analysis, as well as advisory support and best practices for AppSec deliverables and eLearning in secure coding for developers.

## AppSec Benefits



Assurance of having applications follow security industry best practices



Automated testing to ensure repeatable and measurable results



Supporting quick delivery of new releases without compromising security



Providing security support through experts with UN experience

Veracode's insightful reports, dashboards and seamless integration with developer tools (IDEs, CI/CD pipelines) help bridge gaps between development and security. In its partnership with UNICC, Veracode promotes the idea of DevSecOps and envisions that every software product is developed with secure code from the beginning.

AppSec experts at UNICC have years of experience with United Nations applications, platforms and websites. AppSec services and solutions follow the Open Web Application Security Project (OWASP) framework and revolve around application security testing through tools and automation, including secrets scan, static code analysis, software composition analysis, and dynamic analysis. UNICC offers guidance and training on secure coding with industry-standard best practices, processes, and procedures.

## AppSec Services



### AppSec Testing

Continuous application security management, comprising of onboarding applications and secure them by running application security testing tools. Among the application tests are Secure code review (SAST), Dependency scan (SCA) and Dynamic scan (DAST).



### AppSec One-time Assessment

Run ad-hoc assessments for compliance check or for overall state of security. Report the overall risk level with recommendations and prioritization. Reports containing flaws found in SAST, SCA and DAST with recommended fixes.



### AppSec eLearn

**eLearning** - Access a wide array of topics. Foster a higher level of AppSec awareness with web-based training.

**Security Labs** - Hands-on training labs with practical examples and apply new skills in interactive threat scenarios.

## AppSec Platforms

- SaaS-based, APIs, policy engines and data analytics and reports
- Integration capabilities with major industry API wrappers, IDE plug-ins, CI/CD and build systems, Single-Sign-On (SSO), bug tracking and Web Application Firewall (WAF) tools and platforms.

## Veracode Verified Program



By participating in the Veracode Verified program, you're empowered to make security part of your competitive advantage, easily defend your AppSec budget, and better integrate security with development by progressing through the Verified Tiers.



*Our application security work assists UN Agencies that everyday are contributing to support humanitarian causes and to help people make the world a better place to live.*

Joao Remedio, AppSec Team Leader

## UNICC's Current AppSec Clients

