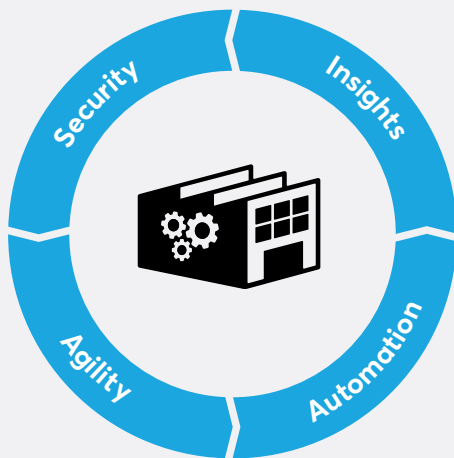


# Incorporate Security Testing Into Your Dev Practices

Make Security a Competitive Advantage

## KEY FEATURES

- **Manage all your application risk on a single platform** by scanning all the applications and components you build or buy, covering all major languages, frameworks and application types.
- **Low false positive rates** as the system continually learns from vulnerability assessments across the platform.
- **Create test scenarios quickly**, starting from the user story development phase.
- **Handle test scripting updates** automatically when changes are made.
- **Virtualize the testing environment** to simulate dependent or unavailable systems.



## Business Challenge

Contemporary application development methodologies are increasing the speed and precision with which software is produced and deployed. The speed and scope of software development in organizations, coupled with other evolutions in how software is made—such as use of open-source and third-party components—is creating new challenges in ensuring the security of software. Chief among them: Developers typically are not empowered or have the tools needed to check for potential vulnerabilities as they build their code.

Security is unique among other testing categories in that if your app goes down under load, your app is not available. It's a business impact—and could jeopardize customer renewals—but not nearly as big an impact as your app or container having a vulnerability that exposes your company/customer data to a hacker. That results in lots of very bad things (credit monitoring fees, negative brand impact, CEO loses job, bad PR, etc.). The first category is a customer service event; the second category is a possible "extinction-level event" for the CEO, CTO, CISO, etc., and a profound loss of trust in your business by its customers and partners.

## Solution Overview

Security must be included in the development process from the beginning, making it part of the entire DevOps lifecycle. You need to empower developers to be able to test and find vulnerabilities in the code they create as they develop it. By employing DevSecOps, companies can build, test, secure and rollout software quickly and efficiently, providing more resilient software that's more resistant to hacker attacks.

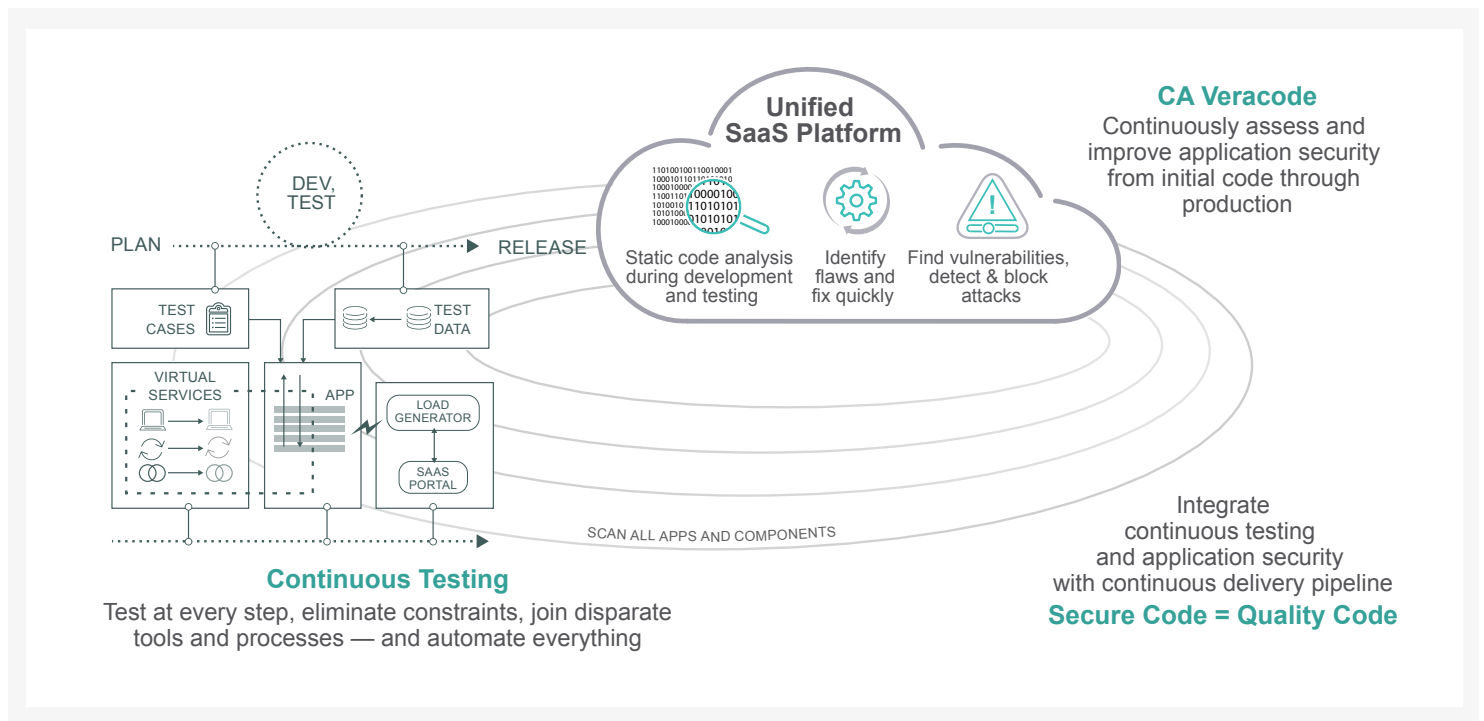
For instance, when security is part of the DevOps process, it is far easier to test for vulnerabilities shifted left as part of the development process than it is to scan and find containers and app binaries with weaknesses in production. And, it's not about testing once and forgetting. As new vulnerabilities and attack vectors are discovered, you must continually test code for new flaws that could expose your system and data.

## Key Benefits

**Automatically scan code for vulnerabilities.** Unlike manual code reviews or penetration tests, CA offers automated processes delivering fast, repeatable results.

**Extend application security into production.** CA Technologies | Veracode can help you catch exceptions, where applications have been deployed without the benefit of testing in the automated pipeline or where misconfigurations have introduced a vulnerability.

**Quickly build the necessary number of test cases.** Building most test cases is usually a guessing game. With the CA solution, organizations can eliminate the guesswork by developing test cases that start in the planning stages as user stories are created.



## Products

**CA Technologies | Veracode's** unified SaaS platform assesses and improves the security of applications from inception through production so that your business can fully realize the benefits of the applications you build, buy and deploy, as well as the components you integrate into your environments.

**Continuous testing** solutions from CA Technologies deliver next-generation, integrated solutions that enable test environment simulation; automatic test case creation, even from requirements; on-demand test data management; orchestration that progresses applications from phase to phase based upon the passing of test cases; SaaS-based performance testing; identification of risks in near real time while coding; and open source integrations with tools like JMeter™, Jenkins™, Selenium™, Appium™ and more.

For more information, please visit [modernsoftwarefactory.com](https://modernsoftwarefactory.com)

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at [ca.com](https://ca.com).