

# Code Dx

## Automated AppSec at the speed of DevOps

### Overview

Code Dx enables you to implement DevSecOps in your organization by automating application security processes throughout the entire SDLC. Our platform automatically determines the appropriate tests to execute at scale (SAST, DAST, SCA, etc.). It then automatically prioritizes your most exploitable vulnerabilities by correlating thousands of results from multiple AppSec tools. As a result, you get a complete picture of risk visibility for your organization's entire software portfolio from one centralized hub.

Code Dx offers:

- Test execution
- Automated prioritization
- Risk visibility

### Automation makes AppSec faster and more scalable

| Without automation                         | With automation                                  |
|--|--|
| No bird's-eye view of results              | One centralized platform to see everything       |
| Difficult to scale AppSec with DevOps      | Scale on demand                                  |
| Friction between security and DevOps teams | Security and development work in harmony         |
| Vulnerabilities found too late in SDLC     | Save remediation costs by fixing earlier in SDLC |
| No centralized record of AppSec processes  | AppSec system of record for accountability       |

### Code Dx advantages

- Customizable, extensible correlation rules
- Machine learning-based automated prioritization through Triage Assistant
- 20+ compliance standards
- Complete two-way integration with Jira issue tracker
- 16 open source testing tools built-in out of the box
- Integrates with 70+ tools—more than twice the competition



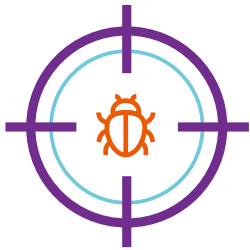
## Test execution

- Automatically configures and runs your AppSec tools from a centralized console
- Automatically selects the best available AppSec tools for your codebase
- Supports 70+ of the most popular SCA, SAST, DAST, and IAST tools
- Integrates and scales to move at the speed of DevOps
  - Out-of-the-box integrations with Jira, Jenkins, Visual Studio, Eclipse, and other issue trackers
  - Performance clusters enable ultra-fast correlation and vulnerability prioritization
- Feeds into a system of record that tracks all AppSec testing activities



## Automated prioritization

- Automatically identifies and scores vulnerability issues with the Code Dx AppSec Correlation Engine
- Uses our machine-learning Triage Assistant to identify which vulnerabilities are most critical and recommend them for remediation
- Prioritizes based on compliance standards such as NIST, PCI, HIPAA, DISA, OWASP Top 10
- Automatically sends high-priority vulnerabilities to developers' issue trackers (e.g., Jira) for remediation
  - Links to the exact line of code for each defect to be viewed



## Risk visibility

- Provides a 360-degree view of risk for each application: custom code, third-party components, network where software resides
- Identifies vulnerability risk for your third-party software, custom code, and live deployments
- Provides correlated risk scores for your code before it is released
- Maintains a system of record for all the AppSec testing and remediation tasks for each application, throughout its lifetime
- Covers three attack surfaces: custom code, third-party, network

# 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. With a combination of industry-leading tools, services, and expertise, only Synopsys helps organizations optimize security and quality in DevSecOps and throughout the software development life cycle.

For more information, go to [www.synopsys.com/software](http://www.synopsys.com/software).

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