

# Code Dx

Diagnose your software risk across the SDLC with a single system of record for AppSec data.

## Overview

Code Dx® is an application vulnerability correlation (AVC) solution that centralizes AppSec data and provides actionable insights. Supporting integrations with over 100 developer and application security testing (AST) tools, Code Dx can aggregate thousands of findings from varied AST tools (DAST, SAST, SCA, pen testing, and manual review), correlate and deduplicate redundant results, normalize this data, and prioritize findings based on risk for a manageable report of results.

Code Dx offers:

- AppSec system of record
- 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 100+ tools—more than any AVC vendor on the market today



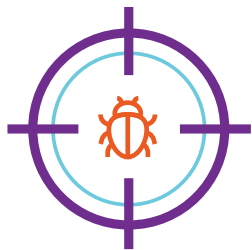
## AppSec system of record

- Automatically configures and runs your AppSec tools from a centralized console
- Automatically selects the best available AppSec tools for your codebase
- Supports 100+ 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.

For more information about the Synopsys Software Integrity Group, visit us online at [www.synopsys.com/software](http://www.synopsys.com/software).

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