



## COMPANY OVERVIEW

Code Dx, Inc. provides automated application correlation and vulnerability management systems that enable software developers, testers and security analysts to find and manage vulnerabilities in software. Code Dx solutions integrate the results of multiple static, dynamic, and interactive Application Security Testing (AST) tools, third party component analyzers, and manual reviews into a consolidated set of results for quick and easy triage, prioritization and remediation. The core technology was partially funded by the Department of Homeland Security (DHS) Science & Technology (S&T) Directorate to help secure the nation's software supply chain.

## SOLUTIONS

**Code Dx Enterprise** is a comprehensive application correlation and vulnerability management system that consolidates vulnerabilities and removes redundancies found in your source code. It **correlates** identified vulnerabilities to create a unified, de-duplicated set of findings from multiple techniques—static (SAST), dynamic (DAST), interactive (IAST) application security testing tools, Hybrid Threat Analysis, third-party component analyzers, and manual code reviews. By correlating the results of multiple commercial and open source tools, Enterprise provides a comprehensive look at the overall security and quality of your code. In addition to mapping vulnerabilities to industry standards, Enterprise identifies those vulnerabilities associated with potential violations of regulatory compliance standards, such as the Defense Information Services Agency (DISA) Security Technical Information Guide (STIG), Payment Card Industry Data Security Standard (PCI DSS), MISRA C, and the Health Insurance Portability and Accountability Act (HIPAA). It then takes this further, providing **analysis** of the results, which helps you triage and prioritize flaws and vulnerabilities based on industry standards and your own rules and best practices. It then helps you **manage** remediation of these vulnerabilities with a central console, from which you can assign vulnerabilities to security teams, report trends, and collaborate with other members of your organization.

Additionally, **Code Dx Enterprise**, offers a suite of preconfigured open source static analysis tools that it runs automatically against a code base. A user feeds source code into Enterprise, which then selects the appropriate static analysis tool(s) for the languages in which the code is written, and maps the results onto the Common Weakness Enumeration (CWE). If multiple tools are run, Enterprise normalizes the disparate results onto a common severity scale and removes redundant results. It also reports on the vulnerability status of third-party libraries included in the code. Enterprise provides a visual user interface to make it easy and quick to triage and filter

vulnerabilities so that users can find and fix the highest priority weaknesses first. All vulnerabilities are mapped to industry standards—such as OWASP Top 10, CWE/SANS Top 25, CERT Java and C/C++ Coding Standards, Web Application Security Consortium (WASC)—to guide the prioritization and remediation process.

**Code Pulse** is a tool designed to help application penetration testers determine how much of an application’s attack surface has been covered through their testing. It was developed by the Code Dx team and open-sourced through the Open Web Application Security Project (OWASP) as a “glass box” tool that provides insight into the real-time code coverage of penetration testing activities. Code Pulse automatically detects coverage information while the tests are being conducted, and makes it possible to see the overlaps and boundaries of coverage provided by different penetration testing tools.

## AFFILIATIONS

**DHS S&T Software Assurance Marketplace (SWAMP) –** Code Dx, Inc. is a partner of the SWAMP, a no-cost service provided by DHS where developers can simultaneously run multiple software analysis tools and view the consolidated set of results using Code Dx.

**OWASP –** Code Dx, Inc. is a member and leader of the Long Island chapter of this not-for-profit organization focused on improving software security.

**Microsoft’s Azure Government Cloud Marketplace –** Code Dx software is available on the Azure Government Cloud Marketplace, providing secure access to cloud-based, physically isolated instances of Code Dx Enterprise.

## CODE Dx RESELLERS

Alvarez (United States)  
CMS3 (Japan)  
IT Security Inc. (United States)  
Migtec (Australia and New Zealand)  
Secure Decisions (United States)  
Security & Quality Software GmbH (Germany)  
Trinity (Israel)

## OWNERSHIP

**Privately held –** Code Dx, Inc. was built on a foundation of R&D performed by Secure Decisions, a division of Applied Visions, Inc., and partially funded by DHS S&T to help secure the software supply chain. It was spun off from Secure Decisions in February 2015.

## MANAGEMENT TEAM

**Anita D’Amico, Ph.D.**  
Chief Executive Officer (CEO)

**Ken Prole**  
Chief Technology Officer (CTO)

**Curtis Bragdon**  
Director of Sales

## ADVISORY BOARD

**Jerry Boudreau**  
Director and CFO, U.S. National Cyber Security

**Curt Dalton**  
Chief Information Risk & Security Officer, and Advisory Board member of the Security Advisor Alliance

**Michael Malin**  
President, Malin Consulting

**Frank Zinghini**  
President & CEO, Applied Visions, Inc. (AVI)

