

# Code SAST Secure

Find | Fix | Remediate

## PRODUCT OVERVIEW

Data Theorem's Code SAST Secure (SAST, SAST+, & SCA) helps organizations identify and remediate security vulnerabilities early in the development lifecycle in their own code as well as 3rd party code, SDKs, open source libraries.

1. Find issues on code commit
2. Fix issues in developer tools
3. Remediate in the CI/CD pipeline

### SAST+

SAST plus dynamic verification allows customers to filter out non-exploitable bugs, dead code issues, or simply "code quality" bugs that create unnecessary "noise". Data Theorem's analyzer engine can enhance SAST with dynamic analysis.

## PLATFORM FEATURES

- ✔ Plugins:
  - GitHub
  - GitLab
  - Bitbucket
  - Azure DevOps
  - Visual Studio, etc.
- ✔ SAST +
  - Verify SAST with DAST
  - Runtime issues only
  - No dead code
  - Remove non-exploitable bugs
- ✔ Languages
  - C, C++, C#, Objective-C
  - Java, JavaScript
  - "R", PHP, Python, Perl
  - Swift, Kotlin, Go, Ruby, Rust
  - SCA: Open Source & SDKs

## SAST

- Language Support:
  - Comprehensive support for various programming languages, including but not limited to Java, C/C++, Python, JavaScript, "R", and more.
- Automatic Scanning:
  - Automatically scans source code, bytecode, open source (SCA), and compiled code to identify vulnerabilities and security weaknesses.
- Integration:
  - Seamlessly integrates with popular Integrated Development Environments (IDEs) and Continuous Integration/Continuous Deployment (CI/CD) tools.
- Rules Engine:
  - Utilizes a sophisticated rules engine to identify a wide range of security vulnerabilities, including SQL injection, cross-site scripting (XSS), buffer overflows, and more.
- Custom Rules:
  - Allows for the creation of custom rules to address organization-specific security requirements.

## Code SAST Secure <BENEFITS>

1. Enhanced Security
  - a. Identifies and mitigates security vulnerabilities early in the software development lifecycle, reducing the risk of data breaches and cyber attacks.
2. AppSec & Developer Friendly
  - a. Get rid of noise (non-exploitable bugs, issues on dead code, or simply code quality issues) by verifying each SAST issue with a DAST scan. Data Theorem's analyzer will filter out any SAST issue that is not exploitable with DAST.
3. Accelerated Development
  - a. Improves development speed by providing actionable security feedback to developers, ensuring secure code is written from the beginning.
4. Compliance Assurance
  - a. Helps organizations meet regulatory and compliance requirements by enforcing coding standards and security policies.
5. Customization
  - a. Offers flexibility through customizable rules and policies to adapt to organization-specific security needs.



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# datathesorem

Data Theorem is a leading provider of application security. Its core mission is to analyze and secure any application anytime, anywhere. The Data Theorem Analyzer Engine continuously analyzes APIs, Web, Mobile, and Cloud applications in search of security flaws and data privacy gaps. Data Theorem products help organizations prevent AppSec data breaches. The company has detected more than 1 billion application eavesdropping incidents and currently secures more than 8,000 modern applications for its Enterprise customers around the world.

## LEARN MORE

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