



# I-SCode



Adaptable and integrable solution for automating vulnerability analysis processes in source code of various languages based on cloud computing

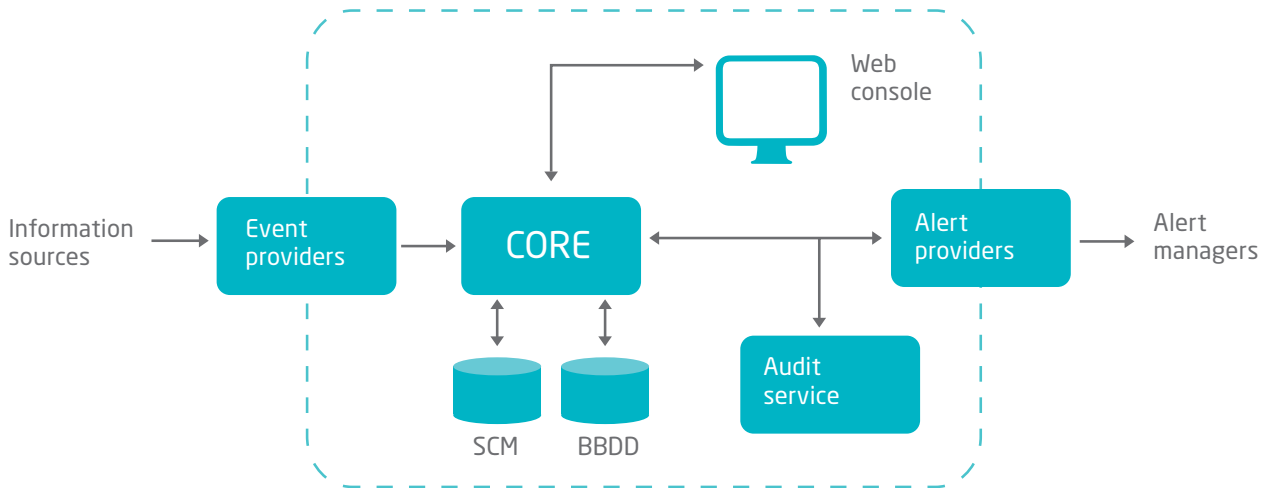
## Introduction

Automatic system that is adaptable and comprehensive for the early detection and prevention of vulnerabilities in source code (host and distributed), in such a way that if an alert occurs, automatic processes will be launched to catalogue, audit and generate all the necessary information, notifying the person (or system) of the vulnerability and to provide all the necessary information for its resolution (or mitigation). All of this without any human involvement; it is completely automatic.

## Characteristics

- Lowest ratio of false positives on the market.
- Higher process speed (up to 300,000 loc/minute).
- Ability to analyse multiple languages with a single licence: PHP, Java, .NET, HTML, XML, JSP, ASP, ASPX, V.Basic, C#. In the near future, COBOL, SAP, ABAP and applications for mobile devices such as iPhone, iPad, Android, WMobile.
- Multi-task and multi-user platform with permissions granularity. User interfaces are fully customisable in order to adapt to any defined access matrix.
- Allows to classify projects for improved tracking on any security level of the audited applications. Includes a document manager and significantly facilitates the management of vulnerabilities, including various adaptable scorecards for this purpose.
- Integration in the client's security data collection information sources.
- Integration in the alert generation information systems and security scorecards.
- Automation of security processes that are performed manually or semi-automatically.
- Early and instantaneous alert system for previous and production environments.
- Generation of notification events for the user such as e-mail, SMS text message, events via console, etc., without requiring that the user be adjacent to the alerts monitor.
- Within minutes and in parallel to the alert, automatic processes are launched to provide a complete report of the alert and its analysis.
- Early and real time vulnerability control (no post mortem).
- Specific console for monitoring events, alerts, configuration and statistics.
- PCI compliance.
- Low impact on client systems-processes.
- Specification of client rules.

## Solution system



## Applications

- SMEs and large corporations with A.M. (Application Management) as well as web portals that are strategic for the business and are interested in preventing source code vulnerabilities in an automatic manner while the development team learns how to resolve and prevent them.
- Companies that are interested in reducing the complexity and costs of security in terms of preventing threats (without reducing their level of requirements).
- Companies with an information security department that have security monitoring systems for applications and correlation tools or scorecards for alerts and that need to automate their processes in a fast and practical manner.
- Companies in the financial sector due to the growing need for PCI DSS compliance.

## Benefits

- Prevents human errors that occur in manual audits.
  - Elements that are not vulnerable today may be vulnerable tomorrow (automatic update).
  - It is not necessary for the team to be constantly up to date against the latest vulnerabilities.
  - Possible vulnerabilities are detected in the early stages in order to save time and money.
  - The development team learns how to resolve vulnerabilities in the early stages as well as how to prevent them.
  - We advise clients about the licence type that best adapts to their business (pay per use, appliance, etc.). It is not necessary for clients to purchase a complete solution for their source code analysis.
  - Vulnerabilities are detected that in manual audits are very complex (and costly) to detect due to the dependence between lines of code as well as the large size and complexity of the applications.
- I-SCode is integrated into the client's development life cycle.
  - Easy and intuitive solution: In depth knowledge is not necessary to be able to use the solution.
  - Simplification of vulnerability prevention security tasks by automatically managing the large number of events.
  - Reduced costs and staff.
  - Fully automatic and "automated" system.
  - Alert notifications via SMS text messages, e-mail, SIEM tools.
  - Scalable and expandable; easy maintenance. Operates in a decentralised manner on the cloud, making it possible to adjust scalability levels to client needs.
  - Detection of new vulnerabilities.

## Components

- Event management module
- Alert management module
- System configuration and administration module
- Statistics module
- Reports generation module
- Code audit module
- Version management module
- System user management module

## Service

- Cloud Computing
- InHouse-Appliance

## Other

- Connectors for Arcsight, SVN
- Integration with development life cycle

