InteractiveHUB
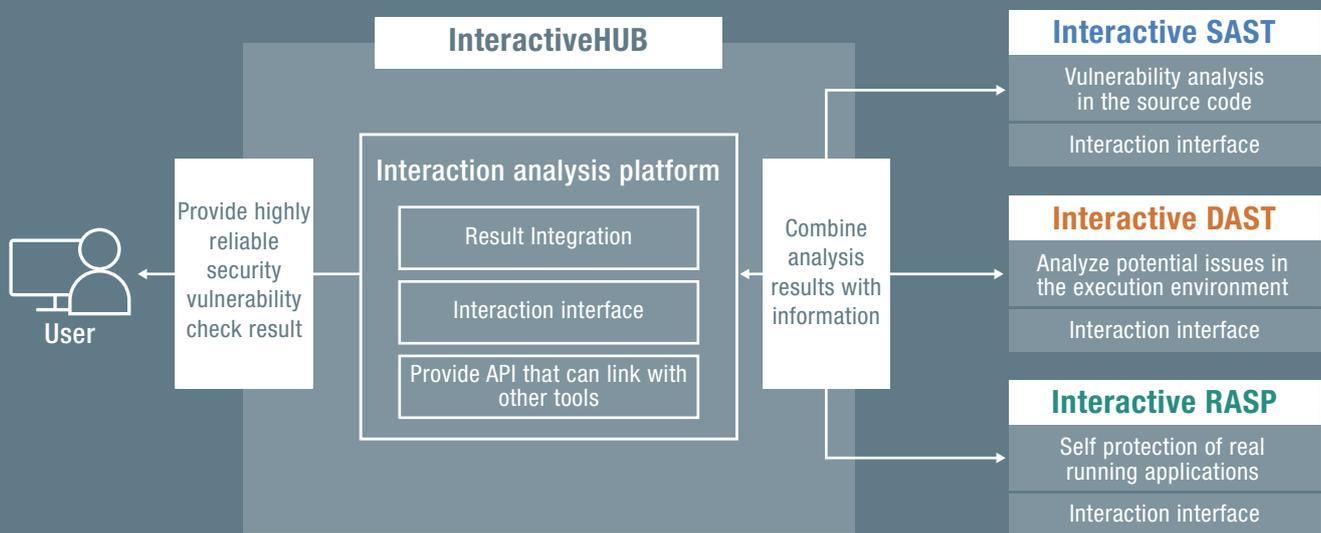# Sparrow

Enable integrate security management and interaction of various application security solutions throughout the SDLC


InteractiveHUB

Interaction analysis platform

Result Integration

Interaction interface

Provide API that can link with other tools

Provide highly reliable security vulnerability check result

User

Combine analysis results with information

Interactive SAST
Vulnerability analysis in the source code
Interaction interface

Interactive DAST
Analyze potential issues in the execution environment
Interaction interface

Interactive RASP
Self protection of real running applications
Interaction interface

Web Management

- Integrated management of vulnerabilities detected during development/testing/operation of web applications
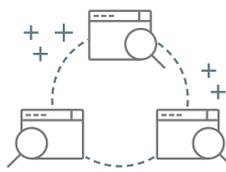
Interaction

- Improve vulnerability detection ability by using information from various application security tools
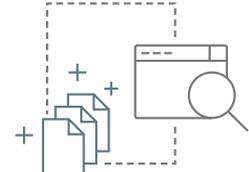
Information association

- Identify and generate association information of vulnerabilities detected by each tool

Integrated management of security vulnerabilities

- InteractiveHUB gathers various AST tools' analysis results and classifies them by type to provide statistics, indicators and trend graphs and more.
- Generate risk index through vulnerability assessment result analysis and identify application vulnerability risk level
- Provide API to work with various vulnerability analysis tools

Provide association information among vulnerabilities

- Identify the same vulnerability among the detection results of different tools and allow users to overview various detailed vulnerability information from various tools at once
- Instantly locate and identify the cause of the vulnerability and associated source code information

Strengthen vulnerability detection capability via interaction among solutions

- Provide API that can enable interaction among vulnerability assessment tools
- Provide API for storing various data generated in the vulnerability check as interaction information that can be used in other solutions
- Improved vulnerability detection capability by using stored interaction information from other tools

Sample Interaction Result

- Performance improvement when using RASP API call information collection function in DAST (DAST-RASP), used OWASP benchmark set

Vulnerability name	Total vulnerabilities	DAST alone result	Result with RASP interaction
Command Injection	126	0	29
Path Traversal	56	0	56

- Performance improvement when DAST uses URL information analyzed by SAST (SAST – DAST), used internal data

Auto crawled URL	Detected vulnerabilities via auto crawling	SAST analyzed URL	Detected vulnerabilities using SAST analyzed URL
18	0	317	17