SPARROW

Sparrow
Enterprise

Integrated Application Security Testing Solution

ISO 26262

By consolidating application security testing solutions into a single system, organizations can reduce software development time and costs, while enabling the systematic and effective implementation of DevSecOps.

Integrated Application Security for
Proactive Software Supply Chain Security

Sparrow Enterprise

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Sparrow Enterprise delivers unified Application Security Testing (AST) by analyzing source code (SAST), open-source components (SCA), and running applications (DAST) within a single, integrated environment.
By shifting security left to address risks earlier across the SDLC, the platform ensures the delivery of more secure, reliable software and minimizes costly rework.
Furthermore, its SBOM-based license and vulnerability management capabilities enhance protection against critical software supply chain threats.

Main Features

Sparrow Enterprise provides comprehensive vulnerability analysis throughout the Software Development Life Cycle, backed by advanced analysis and management capabilities to enhance an organization's overall security posture.

Dashboard	Issue Tracking by Asset (SAST, DAST, & SCA Issues)	Asset Overview (Total & Risky Assets, Components)	Issue Status (By Risk Level, Status, Time)	Approval Status (Ongoing & Pending Approvals)

Analysis Features	Source Code Analysis	Component Analysis	Web Vulnerability Analysis	Analysis Automation
	Security Vulnerability Analysis Code Quality (defect) Analysis Identify Exact Locations of Issues Secure Code Examples / Recommended Fixes	Component Identification Verify License Disclosure/ Obligations Detect and Validate Vulnerabilities Generate and Export SBOM (Software Bill of Materials)	Select Analysis Target (URL, OpenAPI) Configure Analysis Scope (URL Crawl Depth, Excluded URLs, etc.) Reproduce / Simulate Attack Sequences	Integrations with Heterogeneous Tools (Version Control Systems, CI/CD Tools, etc.) Real-Time Monitoring of Analysis Status (Running, Paused/Stopped, Completed)

Management Features	User	Approval	Issue Status	Rule and Work Profile	Report
	User & User Group Role and Permission View Analysis / Audit History	Configure Approval Lines Set Approval Scope (Project, System) Manage Approval Targets (Issues, Assets, Components, etc.)	Assign Reviewers / Owners Change Issue Status (To do, Doing, Done)	Choose Policy-Based Detection rules (OWASP Top 10, CWE, etc.) Classify Issues into 5 Risk Levels (Critical, High, Medium, Low, Trivial) Customizable Rule and Option	Customizable Report Template (title, logo, etc.) Configure Report by Reference (OWASP, CWE, etc.) Customizable Items (Risk Level, Rule, Asset, etc.)

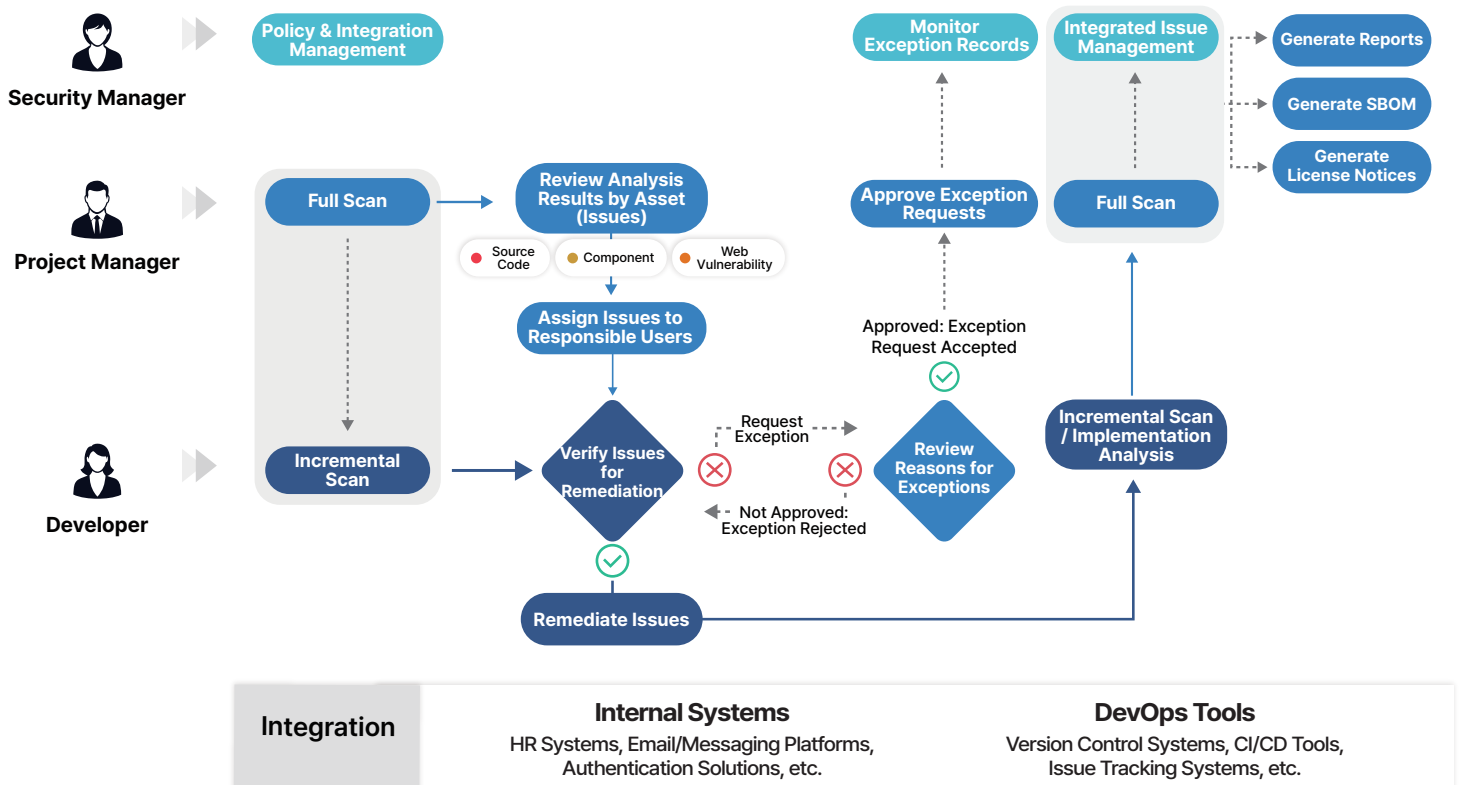| AI Features	Vulnerability Classification	Remediation Suggestions	Prioritization of Security Vulnerability

Analysis Technology

Sparrow Enterprise strengthens software supply chain security by providing comprehensive analysis of source code, open-source, and web vulnerabilities across the entire SDLC and operations.

Source Code Analysis **SAST/SAQT**	**Secure Coding with Source Code Analysis:** Detects latent security vulnerabilities and code quality defects directly within the source code. - Supports analysis of 25+ languages (including C/C++, Java, Python, etc.), frameworks, and Infrastructure as Code (IaC) - Identifies exact locations and root causes of vulnerabilities based on actual source code. - Provides secure code examples to guide remediation of findings
Component Analysis **SCA**	**Software Bill of Materials (SBOM) & Open Source Governance:** Identifies open-source components, retrieve license and vulnerability information, and automatically generate a Software Bill of Materials (SBOM). - Automatic identification of open-source licenses and notification of disclosure/obligation requirements - Vulnerability details and guidance for safe version upgrades - Generates SBOMs in various formats (SPDX, CycloneDX, etc.) - Supports analyzing a wide range of open-source software and SBOMs, including container images
Web Vulnerability Analysis **DAST**	**Web Vulnerability Detection:** Detects runtime vulnerabilities in web applications that static analysis can miss by testing the application during execution. - Performs analysis from a site's root URL or based on an OpenAPI specification - Fine-tunes crawl/scan options (URL crawl depth, excluded URLs, SSL certificate usage, etc.) - Provides explanations of discovered vulnerabilities along with remediation guidance - Supports API security analysis based on the OWASP API Top 10

Analysis & Issue Management Process

Centralized Policy, Role, and Scan Management: Establish consistent security policies across the entire SDLC, assign differentiated user roles and permissions, and perform regular full and incremental scans. Manage results by asset and by issue for effective threat response.

Implementation Benefits

Centrally manage application security vulnerabilities and proactively address threats from the early stages of development, minimizing resource waste. Through this, organizations can efficiently strengthen their software supply chain security.

1 Point — **Minimize Security Blind Spots with an Integrated Solution**

From traditional applications to cloud-native environments, and from source code to open-source and web applications, Sparrow's solution provides thorough vulnerability analysis. By applying consistent policies throughout the entire software development lifecycle, users can manage risks more efficiently.

2 Point — **The Starting Point for Achieving DevSecOps with a Balance between Speed and Security**

By integrating into the DevOps pipeline—from version control to deployment — Sparrow supports DevSecOps. Automated security checks at each stage of the software development lifecycle help maintain the right balance between development speed and security.

3 Point — **Reduce Resource Waste and Enhance Operational Efficiency with a Unified Platform**

Sparrow's integrated platform helps eliminate unnecessary resource usage, prevents duplicate vulnerability detection and response, and maximizes collaboration between development and security teams through a consistent security management process.

Customers

With outstanding analysis capabilities and user-friendly convenience, Sparrow solutions are trusted by public institutions and enterprises to ensure the security of their software supply chains.

Government & Public Sector
Ministry of Justice, Ministry of Employment and Labor, Ministry of Foreign Affairs, Ministry of Trade, Industry and Energy, Supreme Court, Public Procurement Service, Korea Meteorological Administration, Statistics Korea, Korean Intellectual Property Office, National Tax Service, Korea Customs Service, National Police Agency, National Assembly Secretariat, Korea Internet & Security Agency (KISA), Incheon International Airport Corporation, Korea Airports Corporation, Korea Asset Management Corporation, Korea Deposit Insurance Corporation, Korea Power Engineering Company, Korea Gas Corporation, Korea Water Resources Corporation, Korea Public Finance Information Service, Korea Credit Information Services, Korea Housing Finance Corporation, Korea Housing & Urban Guarantee Corporation, Korean Broadcasting System (KBS)

Financial Sector
Financial Supervisory Service, Korea Financial Telecommunications & Clearings Institute, Bank of Korea, KB Kookmin Bank, Shinhan Bank, NongHyup Bank, Korea Development Bank, IM Bank, Korea Investment & Securities, KakaoPay Securities, Kyobo Securities, Kiwoom Securities, KB Kookmin Card, Woori Card, Lotte Card, NongHyup Card, NH NongHyup Property & Casualty Insurance, AXA General Insurance, Lotte Insurance, Korean Reinsurance Company, Samsung Life Insurance, NH NongHyup Life Insurance, Hana Life, KB Capital, Meritz Capital, Danal, Finnq, Koscom, NICE Information Service, SBI Savings Bank, Korea Investment Savings Bank, IBK Savings Bank, MG Community Credit Cooperatives

Enterprise & Industry
Samsung SDS, Naver Cloud, CJ OliveNetworks, KT, Kakao Enterprise, NHN, Lotte Innovate, NCSOFT, Neople, Hyundai Motor Company, GS Caltex, POSCO, SK Chemicals, Hyundai Rotem, Hanwha Aerospace, SEMES, 42dot, Hanwha Ocean, HMM, STX Engine, CJ Logistics, TMAP Mobility, GS Retail, Homeplus, Dongkuk Steel

Defense & Security
Republic of Korea Army, Navy, Air Force, Defense Acquisition Program Administration, Military Manpower Administration, Cyber Operations Command, Defense Communication Command, Korea Institute for Defense Analyses, Defense Agency for Technology and Quality, National Security Research Institute, LIG Nex1, Hanwha Systems

Global
Public Sector (Malaysia), Financial Sector (Japan), Manufacturing (Japan, China), Healthcare (Japan), R&D (Japan, China), IT (Japan, China), Security (Singapore), and Partners in Japan, China, India, Malaysia, Vietnam, Indonesia, and the United Arab Emirates

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