Sparrow On-Demand

| Application Security Testing API

Sparrow On-Demand offers application security testing services as an API. Companies seeking application security testing solutions can leverage Sparrow's core technology through partnerships, making it easy to expand their product lineup.

Enhance Application Security with Sparrow On-Demand

In today's business world, applications are vital to success. The quality and security of applications directly impact a business's performance.

As companies develop and release diverse applications to meet customer needs, ensuring their security becomes a significant challenge.

Many companies embrace open-source and third party software to accelerate time to market and reduce costs. However, these trends can expose companies to risks like supply chain attacks and vulnerabilities within software.

To mitigate these risks, governments and organizations worldwide are proactively strengthening their security policies. For instance, the US government issued Executive Order 14028 in 2021, emphasizing the need for strengthening cybersecurity measures throughout the development lifecycle.

In response to these risks, Sparrow offers API-based application security testing services that enable vendors and companies to quickly adopt and launch comprehensive security testing services in the market.

Why choose Sparrow On-Demand?

- Streamlined Integration: Sparrow's API seamlessly integrates with existing systems, allowing hassle-free implementation and reducing development time.

- Scalable Solutions: Sparrow's API can scale alongside companies' businesses, accommodating evolving needs as companies expand their service offerings.

- Cost-effective Approach: By leveraging Sparrow's services, companies can avoid the substantial investments and development time associated with developing their security testing tools.

With Sparrow, companies gain a game-changing advantage. They can swiftly add new services to their lineup and provide customers with comprehensive application security testing.

Don't compromise on security; choose Sparrow and enhance your security offering today.

Sparrow On-Demand

- Static Analysis API
- Dynamic Analysis API
- S/W Composition Analysis API

① Provide API

Partner Service

Partner → ② Provide white-labeled application security testing service → Partner's Customers

Why Sparrow

Sparrow On-Demand is a powerful application security testing API that empowers companies to seamlessly integrate with existing IT and services. With Sparrow On-Demand, businesses can swiftly introduce new services to the market without the need for extensive technology development.

Minimize Development Cost and Time

Sparrow On-Demand is an API-based service that seamlessly integrates into existing applications, significantly reducing the cost and time required for implementing application security testing.
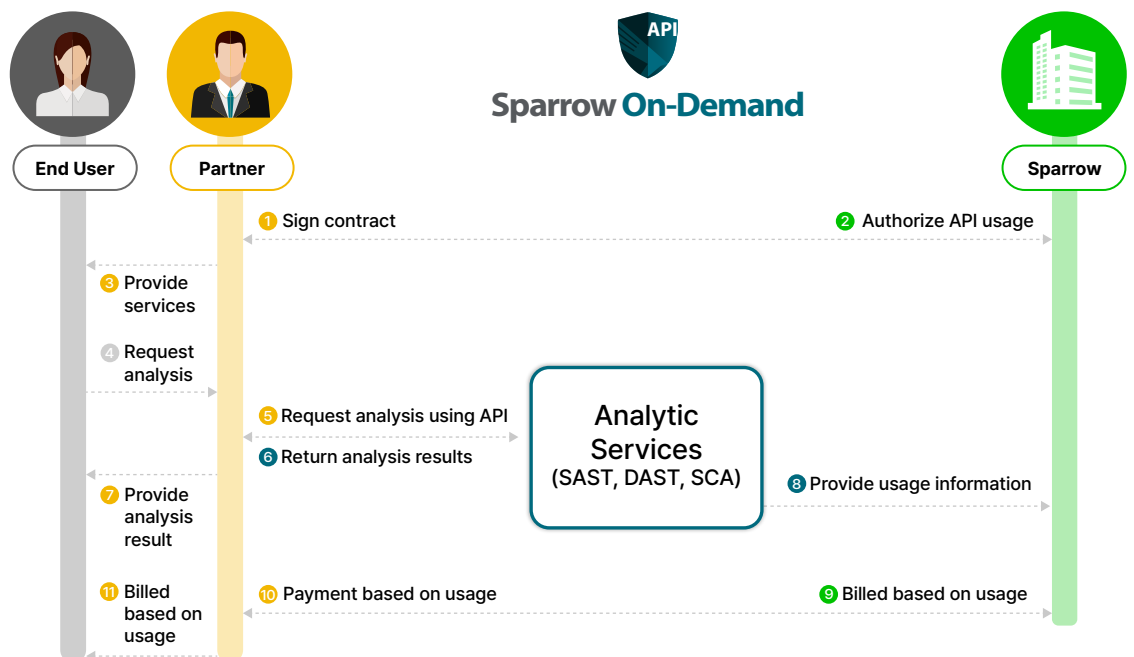
Effortless Analysis and Ready-to-Use Results

By leveraging pre-designed API specifications, Sparrow On-Demand conducts thorough analysis and generates reports in widely accepted market standard formats. This includes SAST (Static Application Security Testing) reports in SARIF and SBOM (Software Bill of Materials) reports in SPDX, CycloneDX, and SWID tags.

Prevent Vulnerabilities and Source Code Leakage

Sparrow On-Demand offers a secure and reliable solution that safeguards businesses against security vulnerabilities. All analysis is conducted within a secure and isolated environment, and data transmission occurs through encrypted communication channels. No information is retained on the server after analysis, eliminating the risk of source code leakage.

Sparrow On-Demand Business Model

Sparrow On-Demand

End User — Partner — Sparrow

1. Sign contract
2. Authorize API usage
3. Provide services
4. Request analysis
5. Request analysis using API
6. Return analysis results

Analytic Services (SAST, DAST, SCA)

7. Provide analysis result
8. Provide usage information
9. Billed based on usage
10. Payment based on usage
11. Billed based on usage

Main Features

Discover the power of Sparrow On-Demand, which offers a comprehensive API solution for Static Analysis (SAST), Dynamic Analysis (DAST), and Software Composition Analysis (SCA). Seamlessly integrating with systems, Sparrow's API conducts thorough analysis and delivers results in widely accepted market-standard formats.

Static Analysis API

• Static analysis API detects security vulnerabilities and quality issues that may exist in the source code by utilizing various analysis techniques. It analyzes the source code in the repository and offers detailed information and results related to these issues.

Dynamic Analysis API

• Dynamic analysis API identifies security vulnerabilities by simulating attacks on running web applications. It conducts URL-based analysis and delivers comprehensive information and analysis results on detected vulnerabilities.

S/W Composition Analysis API

• Software composition analysis API analyzes software components to determine the usage of open-source. Additionally, it provides information on any vulnerabilities or licensing concerns associated with the identified open-source components. The results are presented in a detailed Software Bill of Materials (SBOM).

Pricing

Sparrow On-Demand is charged based on usage and by analysis type.

	Static Analysis API	Dynamic Analysis API	S/W Composition Analysis API
Usage based biling	Based on analysis file size	Based on number of analysis request	Based on analysis file size

* For more detailed information on Sparrow On-Demand, please contact sales@sparrow.im