

Imperva

Imperva's software stack contains products for both application and data security. It provides layered protection to ensure a company's website is located on-premises, in the cloud, or in a hybrid environment. The application security software includes Web Application Firewall (WAF), DDoS Protection, Runtime Application Self-Protection (RASP), API Security, bot management, Account Takeover (ATO) protection, attack analytics, and application delivery; and the data security software includes Data Activity Monitoring (DAM), data risk analytics, data masking, discovery and assessment, and file security

Official Site: <https://www.imperva.com/products/runtime-application-self-protection-rasp/>

Gartner Review:

<https://www.gartner.com/reviews/market/web-application-and-api-protection/vendor/imperva>

- Supported Attacks
 - Clickjacking
 - HTTP Response Splitting
 - HTTP Method Tampering
 - Large Requests
 - Malformed Content Types
 - Path Traversal
 - Unvalidated Redirects
 - Software Supply Chain Attacks
- Supported Injections
 - Command Injection
 - Cross-Site Scripting image description
 - Cross-Site Request Forgery image description
 - CSS & HTML Injection image description
 - Database Access Violation
 - JSON & XML Injection image description
 - OGNL Injection image description
 - SQL Injection image description
- Supported Weakness
 - Insecure Cookies & Transport image description
 - Logging Sensitive Information
 - Unauthorized Network Activity
 - Uncaught Exceptions
 - Vulnerable Dependencies image description
 - Weak Authentication image description
 - Weak Browser Caching
 - Weak Cryptography

Signal Sciences

Signal Sciences protects the web presence of the world's leading brands. With its patented approach to WAF and RASP, Signal Sciences helps companies defend their journey to the cloud and DevOps with a practical and proven approach, built by one of the first teams to experience the shift. Based in Culver City, California, Signal Sciences customers include Under Armour, Datadog, WeWork, Duo Security, and more.

Official Site: <https://www.signalsciences.com/products/rasp-runtime-application-self-protection/>

Gartner Review:

<https://www.gartner.com/reviews/market/web-application-firewalls/vendor/signal-science>

- Apart from RASP Signal Sciences provides many other solutions.
- **Protection beyond OWASP Top 10, including** Account takeover, Bad Bots, API Abuse, App DDoS, etc. Other RASPs only provides protection over legacy OWASP Injection issues such as XSS and SQLi
- **Supports any architecture:** From app native to legacy apps, containers, and serverless, Signal Sciences is the only RASP deployable across your entire application and API portfolio
- **Won't break DevOps toolchain:** Other RASPs commonly break critical DevOps tools such as Datadog, AppDynamics, New Relic, and others

Hdiv

Hdiv is a leading provider of open source software for real-time, self-protected applications. Hdiv solutions are built into applications during development to deliver the strongest available runtime application self-protection (RASP) against OWASP Top 10 threats. Since 2008, Hdiv has pioneered self-protection cyber security software, and today its solutions are used by leading commercial software providers and global enterprises in banking, government, retail, technology, and aerospace.

Official Site: <https://hdivsecurity.com>

- Online documentation: <https://hdivsecurity.com/docs/>
- Community Technical documentation:
<https://hdivsecurity.com/docs/installation/library-setup/>
- Github: <https://github.com/hdiv/hdiv>
- Covered OWASP Top 10 risks: <https://hdivsecurity.com/owasp-top-10>
- OWASP benchmark: <https://hdivsecurity.com/owasp-benchmark>
- Supported technologies:
 - Spring Framework, Spring Data Rest
 - AngularJS
 - React

- Javaser Faces (JSF)
- .NET MVC, ASP .NET
- Android
- Backbone.js
- Swift (Apple)
- Grails
- JAX-RS
- Rest
- Dropwizard
- Struts
- Jersey
- Telerik

Fortify Application Security

Not sure if RASP is supported or not, not able to find details on the website.

<https://www.microfocus.com/en-us/cyberres/application-security>

From the Gartner report I was also not able to find details for RASP in Fortify.

<https://www.gartner.com/doc/reprints?id=1-265CMWW4&ct=210527&st=sb>