

netsparker

Scale and Automate Your Web Security

When it comes to web application security, **scanning is just the first step**. To truly deal with vulnerabilities in thousands of web assets all across the organization, you need to **automate your entire web security program**. Many vendors talk about scaling scanning – but **only Netsparker lets you scale security**.

Boasting a **unique combination of enterprise features**, including asset discovery, accurate scanning, automatic verification with **Proof-Based Scanning™**, comprehensive SDLC integration, and extensive collaboration support, Netsparker was **designed with automation in mind** for **enterprise-class scalability**. When you work with proven and trustworthy results, you can **confidently scale and automate**.

TRUSTED BY



Secure All Your Web Assets

Modern enterprises rely heavily on web technologies, often having **thousands of websites, web applications, web services, and web APIs** scattered all across the organization. With manual vulnerability testing, securing everything at that kind of scale is an impossible task. Even if you use one of many web vulnerability scanners on the market, it might report multiple vulnerabilities for each asset, leaving you with many **thousands of suspected issues**. So what's next?

The only way to ensure **security at scale** is through **accurate and confident** automation. Enter **Netsparker** – a **web application security solution** known for its **ease of use, high vulnerability detection rate, and verified results with Proof-Based Scanning™**. From asset discovery through scanning to issue tracker integration, Netsparker allows you to **automate every step of the way** for maximum efficiency and security. Netsparker can be deployed on premises, as a hosted solution, or as a combination of both, to suit the way you operate.



We believe that security tools should be easy to use and allow you to automate more, as opposed to complicating an already difficult process. That is why we've built an easy to use and automated web security scanner which automatically verifies identified vulnerabilities.

FERRUH MAVITUNA

NETSPARKER FOUNDER & CEO

Netsparker Detects All Vulnerabilities

In third-party **independent benchmark** tests, Netsparker was the only solution that **identified all the vulnerabilities**.¹ It was also one of only two scanners that **did not report any false positives**. These results are further proof that Netsparker has the **most advanced and accurate crawling and scanning technology** with the **highest web vulnerability detection** rate.

So why settle for second best?

¹Statistics from SecToolMarket's 2018 Web Application Security Scanners Benchmark:
<https://www.netsparker.com/blog/news/comparison-web-vulnerability-scanners-netsparker/>

	Netsparker	WebInspect	AppSpider	Acunetix	Burp Suite	AppScan
OS Command Injection	100	N/A	99.11	78.57	93.3	N/A
Remote File Inclusion/SSRF	100	100	82.67	64.22	74.67	N/A
Path Traversal	100	91.18	81.61	94.12	78.31	100
SQL Injection	100	98.46	95.39	100	97	100
Reflective XSS	100	100	100	100	97	100
Unvalidated Redirect	100	95.51	100	100	76.67	36.67
Average	100%	97.0%	93.1%	89.5%	86.2%	84.2%

Web Application Discovery Matters

Forgotten and outdated web applications are a common culprit of successful cyber attacks. The Netsparker application discovery feature will help you to ensure that all web applications are scanned and secure.

[test.example.com](#)

[mail.example.com](#)

[live.example.com](#)

[www.example.com](#)



AS EASY AS **1, 2, 3...**

1 Enter URL

2 Configure credentials²

3 Launch security scan

Easy to Use

You can **launch a web application security scan in just a few seconds**. Netsparker will automatically detect custom 404 error pages and URL rewrites, and even scan websites with Anti-CSRF tokens, so you don't have to get bogged down in the details.

²Configuring credentials is necessary when scanning a password-protected website.

Automatically Verify Identified Vulnerabilities

It's not possible to truly **scale up and manage** thousands of web applications if you have to manually verify the results of vulnerability assessments. Netsparker uses proprietary **Proof-Based-Scanning™** technology to **automatically verify vulnerabilities** and confidently indicate which issues are **definitely not false positives** – saving you hundreds of man-hours. **Scale up your security without scaling up your team.**

SQL Injection

CONFIRMED CRITICAL

URL : [http://aspnet.testsparker.com/Products.aspx?pId=\(select%20convert\(int,cast\(@x5f21403264696c656d6d61%20as%20varchar\(8000\)\)%20from%20syscolumns\)](http://aspnet.testsparker.com/Products.aspx?pId=(select%20convert(int,cast(@x5f21403264696c656d6d61%20as%20varchar(8000))%20from%20syscolumns)

Parameter Name : pId
Parameter Type : GET
Attack Pattern : (select+convert(int%20cast(@x5f21403264696c656d6d61+as+varchar(8000)))+from+syscolumns)

Proof of Exploit

Identified Database Version

```
microsoft sql server 2014 - 12.0.4100.1 (x64)
apr 20 2015 17:29:27
copyright (c) microsoft corporation
express edition (64-bit) on windows nt 6.3 &lt;x64> (build 9600: ) (hypervisor)
```

Identified Database Name

```
testsparker
```

CLASSIFICATION

PCI 3.1	6.5.1
PCI 3.2	6.5.1
OWASP 2013	A1
OWASP 2017	A1
CWE	89
CAPEC	66
WASC	19
HIPAA	164.306(A), 164.308(A)
ISO27001	A.14.2.5

CVSS 3.0 SCORE

Base	10 (Critical)
Temporal	10 (Critical)
Environmental	10 (Critical)

CVSS Vector String

CVSS:3.0(AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:



I've long been an advocate of Netsparker without incentivisation simply because I believe it's the easiest on-demand, do it yourself dynamic security analysis tool for the audience I speak to.

TROY HUNT MICROSOFT MVP FOR DEVELOPER SECURITY & INTERNATIONAL SPEAKER



Netsparker is stable, accurate and versatile, with a lot of thought put into each of its features. An excellent product in the arsenal of any security professional.

SHAY CHEN INFORMATION SECURITY, ANALYST & SPEAKER

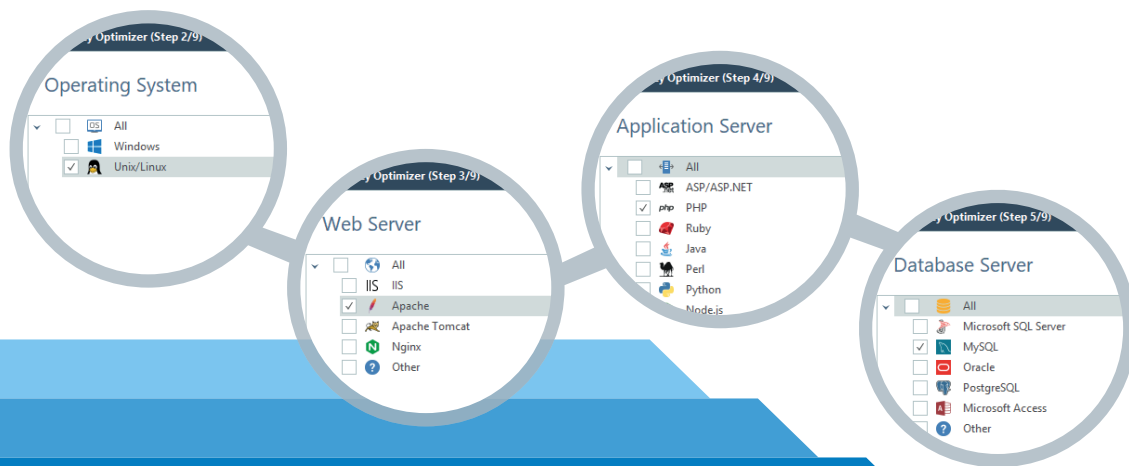


In my years as a security specialist I've used many different tools for DAST and Netsparker has consistently been at the forefront of both experience and results. It's simple to use without sacrificing capability.

SCOTT HELME SECURITY RESEARCHER & ENTREPRENEUR

Automate with Confidence

Netsparker has unique self-tuning technology so **you don't have to configure URL rewrite rules or scan policies** before every scan. It is all automated, so you can scan **hundreds or even thousands of web assets** without getting bogged down in configuring the scanners for many hours. This uniquely high level of automation gives you **actionable and accurate insights** without the need for manual verification, so your team can start working on the remedies straight away.



Automatically Scan HTML5, Single Page Applications & Web APIs. Netsparker can automatically parse, execute and analyze the output of JavaScript. This means it can **automatically crawl, interpret and scan** all types of modern web applications, including **HTML5, Web 2.0, and Single Page Applications**. Netsparker can also identify vulnerabilities in SOAP and REST APIs.

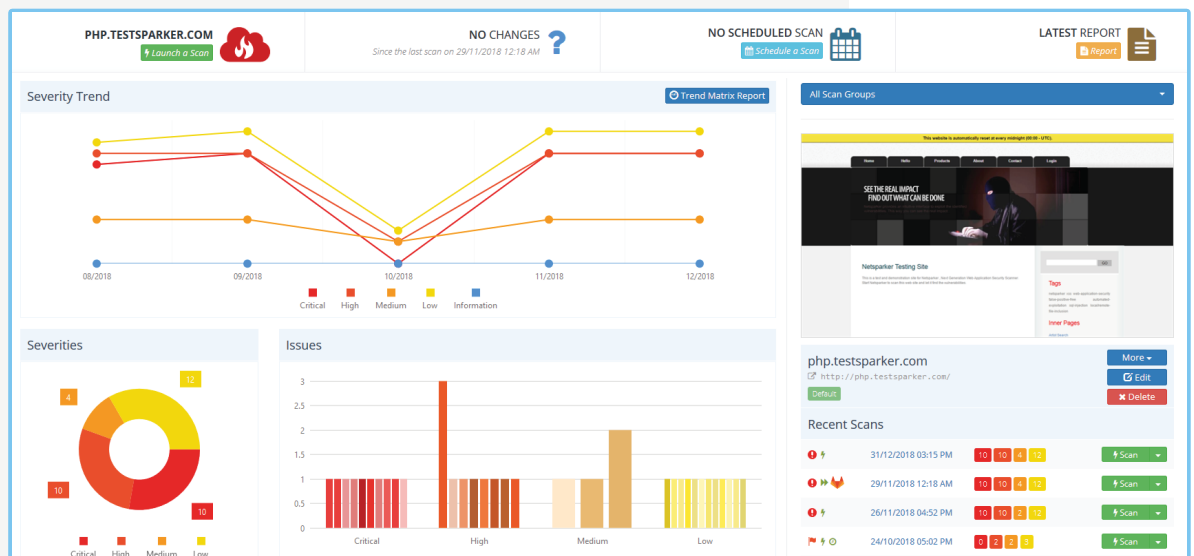


As we are faced with perpetual evolving security threats and vulnerabilities, Netsparker brings a level of assurance to our business as it is included as part of our development lifecycle to help identify and mitigate such threats prior to deployment. With Netsparker being able to provide zero false positives, it ensures that time is not wasted deciphering whether a vulnerability is legitimate or not.

CHRIS EVANS ISACA

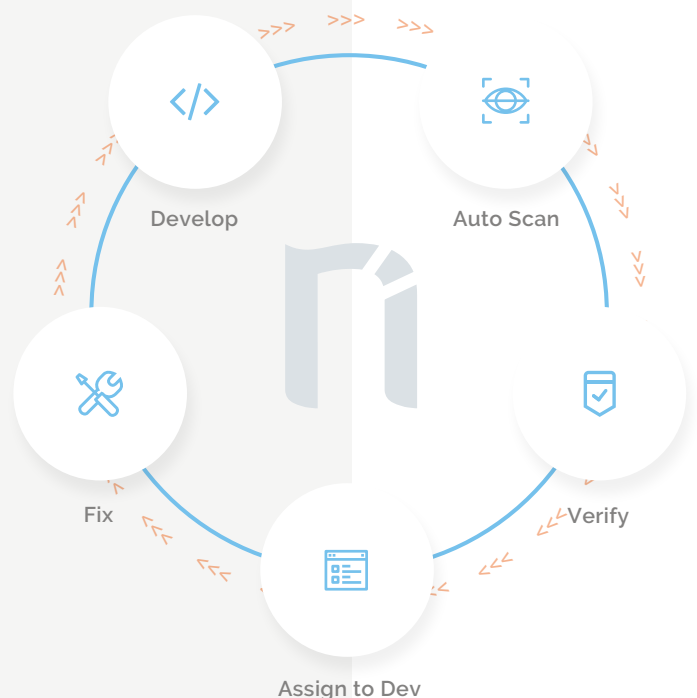
Scale Up Easily & Foster Team Collaboration

Netsparker is a multi-user web security scanning solution that can **scan thousands of websites simultaneously** with minimum configuration and effort. Packed with workflow enterprise tools such as Website Groups, Tasks Management and Trend Matrix Reports, Netsparker **fosters team collaboration** and allows you to **ensure that all vulnerabilities and security flaws are fixed before an application is launched in a live environment**.



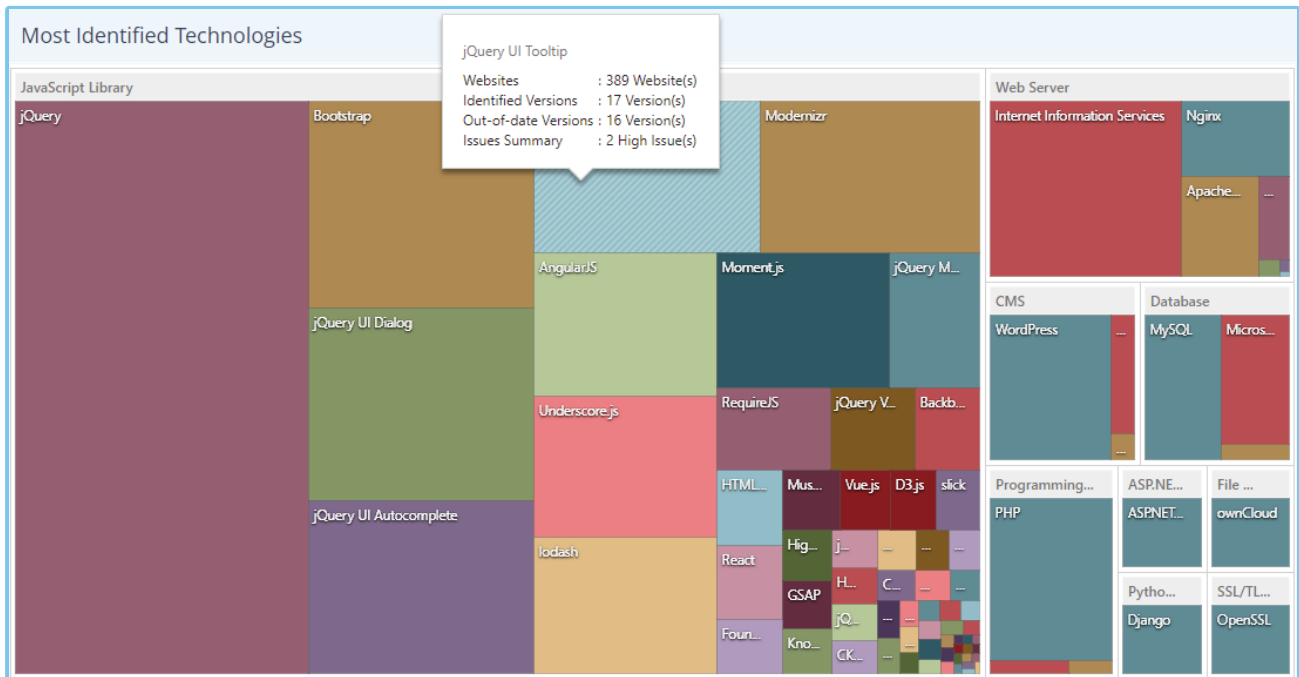
Create a Closed Loop Vulnerability Assessment Solution

Netsparker can be **easily integrated with CI/CD** and other systems found in **SDLC and DevOps** environments, allowing you to build a fully customizable workflow with **automated vulnerability assessment, triage, and verification** processes. Scans can be launched automatically whenever code is committed, with **verified vulnerabilities** automatically added to your bug tracking system and assigned to developers. Developer fixes are also automatically scanned and verified to truly **automate your web application security management processes**.



Full Visibility and Control of Web Technologies

Discover all the technologies and versions used in your web applications with the Netsparker technologies feature. The technologies feature finds and lists all technologies, checks for out-of-date and vulnerable versions, and tracks update history, with support for reports and instant notifications.



Additional Features

- Out-of-the-box integration with systems such as JIRA, Github, and Bugzilla
- Report templates for OWASP Top 10, PCI, HIPAA, and other compliance requirements
- Integrations with web application firewalls, including real-time WAF patching
- Support for SSO, 2FA, and OTP authentication
- Technologies feature to detect and report the technologies used in web assets
- Automatic scanning of password-protected areas
- Custom reports API to build personalized security reports
- Automated retesting of vulnerability fixes
- Built-in proxy for manual crawling and controlled scanning
- Exploitation engine to demonstrate the impact of exploitable vulnerabilities
- World-class technical support





netparker

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