



# Vulnerability Scanning

Tackling cyber security challenges with fully automated solutions

In the age of growing vulnerability from an ever-increasing scale of cyber attacks, ensuring your website and web applications are secure has never been so important.

One of the easiest ways for malicious actors to leverage your website, app or network is through the exploitation of vulnerabilities in the back end of the relevant system. Whilst businesses of all sizes like to think they are completely secure, vulnerabilities will exist - so how can you ensure your platform is completely secure? One of the most simple and cost-effective methods is vulnerability scanning.

## What is vulnerability scanning?

Vulnerability scanning is the automatic process of assessing security vulnerabilities in websites, applications and internal networks, through the analysis of multiple areas of code to ensure that there are no opportunities for areas to be exploited by cybercriminals.

Through analysing a website, application or network, the scanning software identifies possible security holes, vulnerabilities or misconfigurations, compiles these into an automatic report and is sent to the relevant team. From this report, developers or engineers can identify the necessary elements which need attention, ensuring total security moving forward.

## Unparalleled detection and visibility

Our vulnerability scanning software scans for over 7,000 web vulnerabilities, including OWASP top 10 vulnerabilities like SQL injections and cross-site scripting (XSS), and checks your websites for misconfigurations, unpatched software, weak passwords, exposed databases, and many other vulnerabilities, including out-of-band vulnerabilities.



## 5 steps to securing your systems

### 1. Discover

Many businesses drastically underestimate the number of websites, web services, APIs, and web applications they own. We mitigate those blind spots that leave organisations exposed.

### 2. Detect

Automatically discover every corner of your application and any potential security weaknesses using safe exploitation techniques, with zero disruption, to make sure that no part of the application is left unsecured.

### 3. Secure

We'll provide you with detailed scan results showing any vulnerabilities and the suggested remediation process, maximising developer efficiency and eliminating guesswork when resolving critical threats.

### 4. Prevent

Identify and secure your most vulnerable critical assets, eliminate emergency patching, control access to data and prevent credential abuse.

### 5. Repeat

Your applications keep changing all the time; one security scan every couple of weeks is simply not enough. It's important to incorporate scanning as a permanent and automated part of your security.



## Why should you consider vulnerability scanning?



### Peace of mind

Traditionally it was harder for hackers to explore your systems, but with the rise of automated tools, exploiting vulnerabilities has become relatively easy - meaning every internet-facing organisation is at risk. With such a rise, this is why processes such as vulnerability scanning have become so essential.



### A universal tool

Wherever your application comes from, whatever language it is written in, and at whichever stage of development it currently resides (as long as it can be run), our vulnerability scanning tool will check it for vulnerabilities. This makes it the most universal tool on the market. All it needs is for your web application to be accessible via a browser.



### Exploitable vulnerabilities

By mimicking the mindset, actions and techniques of experienced hackers, vulnerabilities are not only identified, but also exploited (without causing any harm) to prove they are worthy of immediate attention (no more wasted effort & endless task lists).



### Cost-effective

Investment in vulnerability scanning may seem major for a small to medium sized business, but it pays off quickly because you can maintain a high level of web application security with just this one solution. There are also no hidden costs with our solution; the price you pay is inclusive of the scanning technology and our experts reporting any issues back to you.



### Thorough scanning

Our vulnerability scanning tool doesn't just check your web application code, it also looks at the environment that the web application runs in. For example, it will not only help you pinpoint a vulnerability in the application itself but in the web server configuration, too. It will even tell you if you're using a weak password.



### Continuous automation

Attacks can happen at any time. But that doesn't mean you have to live in fear. We can automate regular scans for your website or application - so you can be confident we'll catch new vulnerabilities, quickly.

## Why Hyve for vulnerability scanning?

We provide industry-leading security expertise to identify vulnerabilities and implement corrections. Our team of expert technical engineers scan your websites and web applications to look for open web application security vulnerabilities, such as cross-site scripting, SQL injection, broken authentication and more.

For a small management fee, our team of dedicated experts will correct any vulnerabilities for you, keeping your website or web application completely secure. Start securing your business today.