

# Web Application Security



# Table of content



# Market-leading capabilities to secure your applications

# Comprehensive assessment capabilities



Finding vulnerabilities like Cross Site Request Forgery (CSRF), Remote File Inclusion (RFI), as well as outdated JavaScript components, weak passwords, and web server and web framework misconfigurations.

### OWASP Top 10 compliance



Find the most common web application vulnerabilities with the most powerful compliance framework.

# Advanced authentication features



Supports a wide range of authentication methods for scanning web appications "behind" a login.

### Modern web app support



Supports scanning of modern JavaScript-powered web applications using Aldriven threat intelligence.

## Get the hacker's perspective



Determine how secure your organization is if cybercriminals attempt to hack your systems, target you with phishing attacks, or try to spread ransomware.

## Al-driven threat intelligence



Our Al-powered Security Research Team keeps you updated with the latest vulnerabilities — around the clock, all year round.

### Supports the entire workflow



Our Security Center offers a single pane of glass for discovery, prioritization, remediation, and reporting.

### **Fully automated**



Provides automated, continuous asset discovery and monitoring, vulnerability assessments, prioritization, reporting, and follow-up.



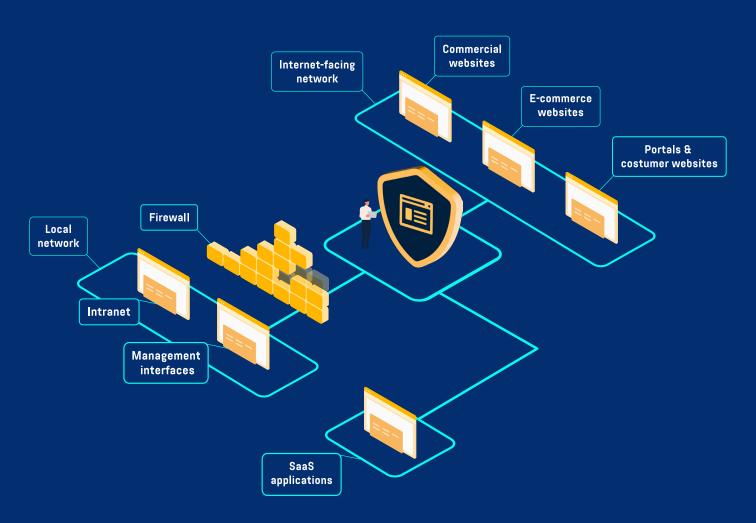
# Beyond OWASP Top 10 vulnerabilities

OWASP Top 10 vulnerabilities	Full support for compliance assessments according to OWASP Top 10 versions 2017 and 2021.
Outdated systems	Identify vulnerabilities in outdated operating systems, services, applications, and software.
Misconfigurations & weak passwords	Finds all types of misconfigurations, like insufficient permissions, exposed data, and weak passwords in systems, software, and applications.
Blank spots & shadow IT	Continuous and automated asset discovery using Attack Surface Management (ASM) helps you find blank spots and shadow IT.



# A growing number of web apps

What used to be desktop apps are today web apps. Accordingly, the risk exposure for web applications is growing rapidly. We find vulnerabilities in all types of web applications, both self-develop and commercial applications, such commercial websites, specific web application systems, Intranets, portals and control panels, and admin interfaces.





# The most powerful platform for compliance

# Meet today's & future compliance

Along with the growing threat picture, new legal requirements, directives, standards, recommendations, and certifications are continuously introduced. We help you meet current and future requirements with a systematic, risk-based cyber defense, covering NIS, NIS2, DORA, CRA, GDPR, ISO 27001, and PCI DSS.



# Integrated Attack Surface Management

### Domain asset discovery

Automatically discovers, monitors, and continuously tracks internet-facing domain assets.

### Web asset discovery

Automatically discovers, monitors, and continuously tracks web applications in your infrastructure.



# Benchmark with industry colleagues



# A complete toolset with Security Center

## Efficiently measure & communicate risk

We provide all the tools you need to measure and communicate risks both internally and externally.

### Benchmark your risk exposure

Gain insights into your organization's risk exposure compared to others in your industry.

### **Discover**

Automatically and continuously discover domain and web assets with Attack Surface Management (ASM) and External Attack Surface Management (EASM).

### Assess

Automatically and continuously assess web applications.

### **Prioritize**

Al-driven threat intelligence to guide your vulnerability prioritization.

#### Remediate

Full workflow support for remediation actions.

# Streamline workflows with integrations

### SIEM, ticketing, CMDB, CI/CD & more

Integrate vulnerability management into your routine workflow. We offer out-of-the-box integrations with a wide range of systems, including Security Information and Event Management (SIEM), Configuration Management Database (CMDB), patch management, ticketing systems, and Continuous Integration/Continuous Deployment (CI/CD). Learn more about our integrations here.

### **Custom integrations**

Using our Application Programming Interface (API), you can create custom integrations tailored to your specific needs.



# **Deployment options**

### Cloud

### Get started in hours

Our cloud-based deployment option is a comprehensive solution for automated and continuous vulnerability management with zero system requirements. It supports organizations of all sizes and environments, regardless of previous experience with vulnerability management. Getting started with our powerful and easy-to-manage platform only takes a few hours.

#### On-Prem

### Full control over sensitive data

Our on-premises deployment option offers a comprehensive solution for automated, continuous vulnerability management, designed to meet the needs of organizations that prefer to keep sensitive data within their own infrastructure.

### Best choice for data privacy

We provide the best choice for data privacy and data protection in the industry, with data processing and storage in a neutral country.

#### Public & local assessments

Our cloud-based platform enables you to scan both internet-facing systems and local infrastructure, providing you with a simple yet powerful solution with comprehensive asset coverage.

### Local deployment - local storage

Installed in your virtual environment, supporting all common virtualization platforms. No sensitive data is communicated over the Internet.

### **Unlimited scanners**

Supports unlimited scanners, allowing you to scan your entire infrastructure, all managed through a single pane of glass for streamlined visibility.



# Capabilities overview

A comprehensive product including all the features you need:

$\bigcirc$	Assessment of both internet-facing and local web applications.
$\bigcirc$	Unauthenticated and authenticated scanning.
$\bigcirc$	Full workflow support from discovery to remediation.
$\bigcirc$	Compliance with OWASP Top 10.
$\bigcirc$	Detection of CMS vulnerabilities.
$\bigcirc$	JavaScript support.
$\bigcirc$	Integrated Attack Surface Management (ASM) and External Attack Surface Management (EASM).
$\bigcirc$	Compliance support for NIS/NIS2, DORA, GDPR, CRA, ISO 27001, and the NIST framework.



# Assessment technologies

Technologies:	Description:
DAST and SCA technology	Our web application scanner is based on DAST (Dynamic Application Security Testing) and SCA (Software Composition Analysis).
Internet-facing and local web apps	Scans internet-facing and local web applications.
Automatic detection	Automatically identifies web servers, programming languages, and databases.
JavaScript support	Supports scanning web pages build with JavaScript technology with any popular frameworks such as AngularJS, VueJS, ReactJS etc.
API vulnerabilities	Automatically detects SOAP API's and supports scanning REST API's such as those using OpenAPI v2 and v3.
CMS vulnerabilities	Finds vulnerabilities in CMSs such as WordPress and WordPress plug-ins.
Standard authentication support	Authenticate using Basic auth, Static Forms, dynamic JavaScript forms, or special headers to scan for vulnerabilities as an authorized user.
Advanced authentication support	Record a login authentication sequence in the web browser to scan for vulnerabilities behind login for advanced login use cases such as single sign-on or multi-step authentications.



# Vulnerability finding capabilities

Capabilities:	Description:
Misconfigured web servers	Find vulnerabilities like exposed directory listing or public access.
Weak passwords	Brute force logins using common usernames and passwords.
Outdated JavaScript components	Detects outdated and vulnerable JavaScript components.
Exposed personal details and financial information	Find exposed personal information like personal IDs, and credit card details.
OWASP Top 10	Full support for both OWASP Top 10 versions 2017 and 2021.
Exposed sensitive information	Detects exposed system or application information such as source code or configuration values.
Faulty SSL certificates	Detects SSL certificates that are about to expire, have expired, are deprecated, or are vulnerable.
Fuzz testing	Detects if a web application behaves irrationally or unexpectedly.
	More capabilities →



# Vulnerability finding capabilities

Capabilities:	Description:
SQL injection	Detects SQL Injections and blind SQL injection vulnerabilities.
Cross-Site Request Forgery (CSRF)	CSRF is an attack that forces an end user to execute unwanted actions on a web application in which they're currently authenticated.
Remote File Inclusion (RFI)	The RFI vulnerability allows an attacker to download and execute a file.
PHP misconfiguration	Detects common PHP misconfiguration vulnerabilities.
Virtual host identifications	Identify exposed virtual hosts that are configured on the web server.
Server-side Include (SSI)	SSI injections occurs when user-controlled input is embedded into a server-side template, allowing users to inject template directives.
Exposed email addresses	Detect exposed email addresses that could be used in social engineering, such as phishing, spear phishing, and ransomware attacks.



# Why Holm Security?

## Understand your attack surface

One of the key functions in Next-Gen Vulnerability Management is to help understand your attack surface using automated techniques to continuously identify new assets that could potentially expose your organization to risk.

## 2 Unified view to ease prioritization

Reduce business-critical risks with the least amount of effort. This is accomplished by providing a truly unified platform where all your risks are prioritized and listed in one single view.

# Powerful threat intelligence

Our platform lets you focus on high-risk vulnerabilities and users likely to be exploited. Understand the full context of each exposure to maximize your efforts. Our platform also provides superior built in threat intelligence to help understand and prioritize risk more efficiently.

# Let the platform do the work

Our platform is fully automated.
Once it's been implemented, it runs continuously in the background. No need for software or hardware.

# How can we help?

Want to get in touch? We'd love you hear from you. Here's how you can reach us.

+46 8-550 05 582 sales@holmsecurity.com www.holmsecurity.com