# cloudsine

# weborion
by cloudsine

# Protector

Web application & API security for the modern enterprise

# Introducing WebOrion® Protector

A web application firewall (WAF) is essential to protect your server by filtering and blocking malicious traffic. However, constant innovation in web applications has rendered simple WAF solutions insufficient today.

WebOrion® Protector shields not just web applications, but also keeps your APIs safe from critical security risks, while ensuring compliance with regulations.

# Key Features of WebOrion® Protector

## Protection Against the OWASP Top 10 With an Industry Leading WAF Engine

Repel the OWASP Top 10 web application security risks with WebOrion® Protector's intelligent anomaly-scoring, heuristics and signature-based WAF engine. Effectively discern between good and malicious traffic, and block common web attacks such as SQL injections, cross-site scripting, file inclusions and code injections.

## Secure New API Attack Surfaces

Block malicious API requests that do not match specifications and block malformed API responses to prevent data breaches and sensitive data exposure. Support for various API technologies including REST, GraphQL, JSON, SOAP and XML.

## Built for Modern Web Applications

In addition to WAF and API Firewall capabilities, WebOrion® Protector's malicious bot and credential stuffing protection, and extrusion detection systems ensure comprehensive security of inbound requests and outbound responses while safeguarding critical data exchange.
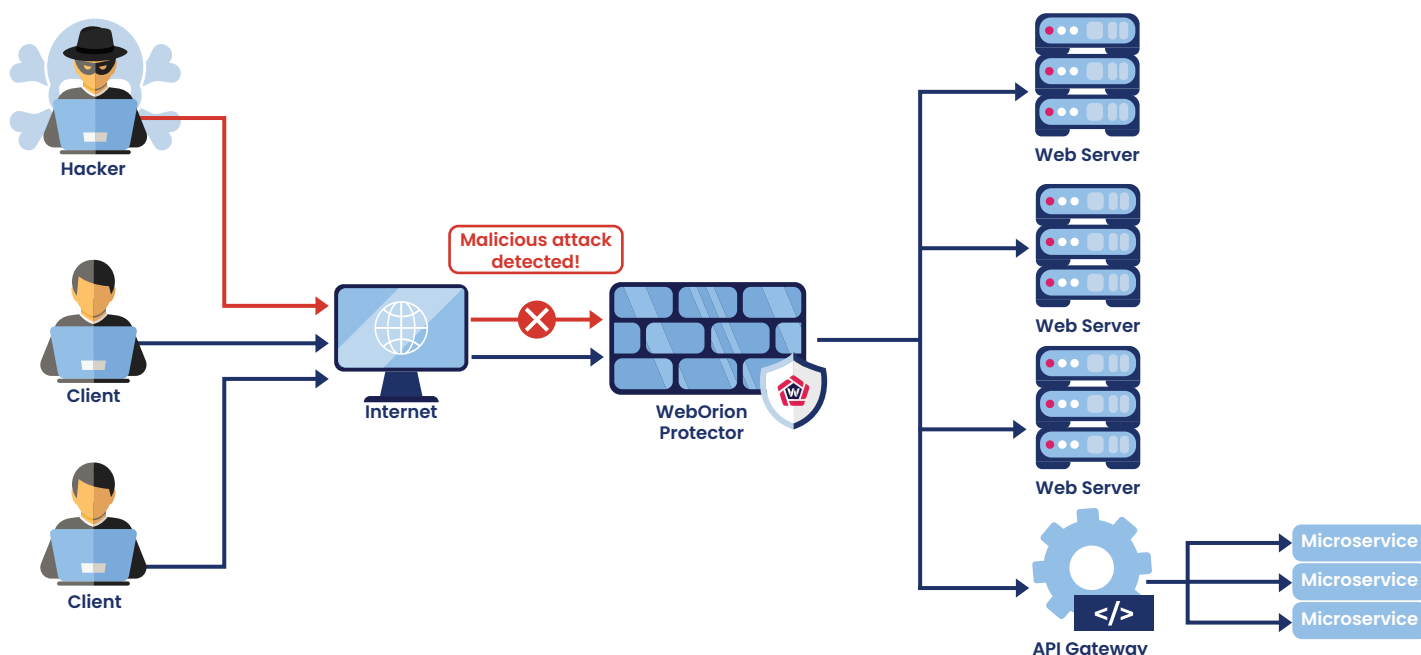


*Fig 1: How WebOrion Protector keeps your APIs and website safe*

# Other Highlights & Benefits

We have been delivering cybersecurity innovations since 2012; WebOrion® Protector is built on the proven expertise of our highly experienced team and provides a comprehensive suite of features in an easy to implement solution.

## Meeting Regulatory Requirements

With WebOrion® Protector, achieve regulatory compliance in numerous standards and regulations relating to web application and data cybersecurity, such as the PCI-DSS, HIPAA, GDPR and CCoP 2.0.

## Preventing Data Breaches and Attacks

WebOrion® Protector proactively mitigates attack vectors like SQL injection, cross-site scripting and data exfiltration attacks to reduce the risk of data breaches on critical web applications and API deployments.

## Flexible Deployment for both On-Premise and Cloud Environments

WebOrion® Protector keeps your web application safe, wherever and however it is deployed.

## Mitigate DoS and DDoS Attacks

Defend against layers 3, 4 and 7 DoS/DDoS* attacks with WebOrion® Protector's advanced rate limiting and behavioural detection capability.

*DDoS protection only available on WebOrion® Protector cloud edition

## Cybersecurity Workflow Integration

Streamline your cybersecurity operations by integrating WebOrion® Protector with your SOC or cyber operations workflow for logging, ticketing and managed detection and response capabilities.

## Seamless Virtual Patching for Zero-Day Threats

With the ability to apply rule updates on the fly, WebOrion® Protector enables rapid adaptation to zero-day threats such as log4j without disrupting your applications.
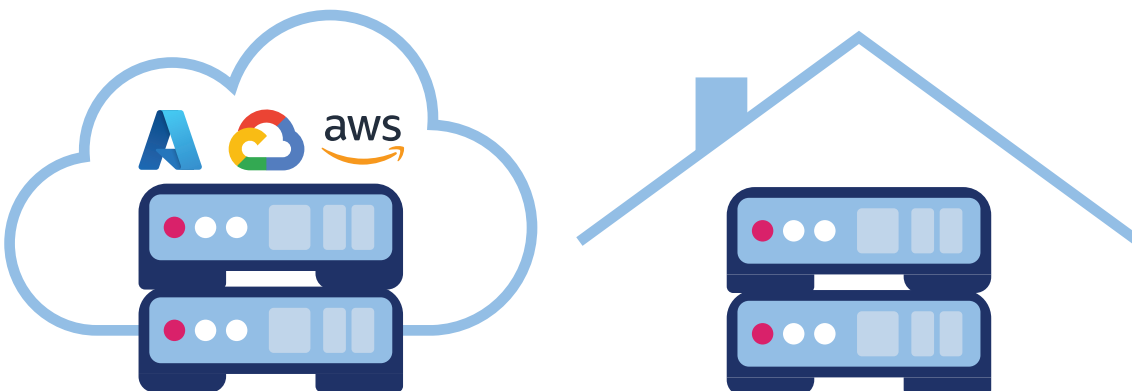


*Fig 2: Flexible deployment for both on-premise and cloud environments*

# Flexible Deployment Options

Choose how you want to deploy WebOrion® Protector - available in hardware, cloud and virtual flavours.

## Hardware Appliance

| Specifiations | WX-1040 | WX-5040 | WX-9040 |
|---|---|---|---|
| Throughput | 1 Gbps | 5 Gbps | 10 Gbps |
| SSL/TLS Performance (RSA 4096-bit) | 30,000 RPS | 190,000 RPS | 320,000 RPS |
| Latency | <5 ms | | |
| Fault Tolerance | Hot-swappable SSDs; Hot-swappable PSUs | | |
| Form Factor | 19" 1RU | 19" 2RU | 19" 2RU |
| Network Interfaces | 4 x Copper 1 Gbps | 4 x Copper 10 Gbps | 4 x Copper 10 Gbps |
| Network Interfaces (optional add-on) | 4 x Fibre SR 1 Gbps | 4 x Fibre SR 10 Gbps | 4 x Fibre SR 10 Gbps |
| Storage | 2 x 480GB SSD (RAID1) | 2 x 960GB SSD (RAID1) | 4 x 960GB SSD (RAID5) |

## Software-as-a-Service

WebOrion® Protector SaaS for business
- Integrated CDN with DDoS protection
- Easy setup and management
- On-demand scalability

## Cloud Virtual Appliance

WebOrion® Protector on your public cloud

aws  A  Google Cloud

# Comprehensive Web Defence with WebOrion® Security Stack

WebOrion® Protector is part of WebOrion®, an innovative creation of Cloudsine Pte. Ltd. Complete your WebOrion® security stack with our patented Monitor and Restorer to achieve unmatched security for your websites.

identify

govern

protect — WebOrion® Protector

NIST Cybersecurity Framework

recover

detect

respond

WebOrion® Restorer

WebOrion® Monitor

cloudsine

**Contact Us**

sales@cloudsine.tech

www.cloudsine.tec