

WebOrion® Cloud (SaaS)

WebOrion® Monitor
(Per URL)

(Per URL)	Premium5	Premium4	Advanced	Lite
Content and Integrity Analytic Engines	✓			
Image Analytic Engine	✓	Pick 2	Pick 1	N/A
Javascript Malware Engine (JME)				
Deep Learning NLP Engine				
Polling Interval	5 mins (Gold), 15 mins (Silver), 60 mins (Bronze)			
Notification	Email , SMS and SIEM integration			
Report	Monthly email/PDF reports			
Web Portal	Web portal with live dashboard, configuration management and alert statistics			
Multiple Use Login Accounts	2 free user login accounts; additional account chargeable			

WebOrion® Defacement Monitor
(Per Domain)




	Micro	Small	Medium	Large
Domain Size	Up to 100 URLs	Up to 500 URLs	Up to 1000 URLs	Up to 2000 URLs
Committed Monitoring (10 URLs (fixed) every 5 mins)	First 2 URLs	First 10 URLs	First 20 URLs	First 40 URLs
Variable Monitoring (50 URLs (Round Robin) every 5 mins)	Batches of 10 URLs	Batches of 50 URLs	Batches of 100 URLs	Batches of 200 URLs
Notification	Email, SMS and SIEM integration			
Report	Monthly email/PDF reports			
Web Portal	Web portal with live dashboard, configuration management and alert statistics			

WebOrion® Restorer




	Micro	Small	Medium	Large
Max. Size of Website	100 Webpages	500 Webpages	1000 Webpages	2000 Webpages
Total Replica Storage Size	10 GB	50 GB	200 GB	800 GB
Professional Service	3 man-days per domain			
Replication Schedule	Daily, weekly, or monthly			
Max HTTP(s) Request per Second	250	250	500	1000
Max Data Out Per Month	500GB	1 TB	2 TB	4 TB

WebOrion® VX2 Appliance

WebOrion® Monitor

	Gold	Silver	Bronze
Polling Interval	5mins	15mins	60mins
Recommended Specifications	vCPU support: 6 Memory: 8GB Storage: 200GB Network Interface Support: 2		
Visual Appliance (Private Cloud)	VMware vSphere, Microsoft Hyper-V, Docker		
Visual Appliance (Public Cloud)	  		

WebOrion® Restorer

	Gold	Silver	Bronze
Software License	Up to 1 subdomain with Secure Replica		
Recommended Specifications	vCPU support: 6 Memory: 8GB Storage: 320GB Network Interface Support: 2		
Visual Appliance (Private Cloud)	VMware vSphere, Microsoft Hyper-V, Docker		
Visual Appliance (Public Cloud)	  		

If you have other unique requirements, please feel free to contact us at sales@cloudsine.tech



Our Team Credentials



GLOBAL HEADQUARTERS

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Corporate Website



WEBORION

WebOrion® is an innovative creation of Cloudsine Pte Ltd



Web Security
Threat Detection and Response



WebOrion®

Monitor

Threat Detection — Catch defacements, malicious code and other web hacks!

WebOrion® Monitor will provide near real-time alerts in the event of a web defacement. Our high-fidelity approach to monitoring your website, using our powerful and innovative engines, provides you with a high level of assurance and reliability.

COMPREHENSIVE & GRANULAR CAPABILITIES

Configurable engines carefully designed to detect changes due to defacements, malicious code, skimmers, malware, and more.

WebOrion® Monitor leverages on our innovative engines to provide powerful and granular monitoring.

- Content Analytics**
Analyzes HTML source code (e.g. page title, links and frames) to determine if the webpage has been modified
- Advanced Integrity Analytics**
Auto-analyses the webpages to identify both internal and third-party javascripts, images and style sheets to check for changes to filenames and contents.
- Image Analytics**
Allows users to select regions of the webpage for visual analysis using image rendering technique.
- Javascript Malware Detection Engine**
Checks for well-known card skimming and cryptojacking javascripts which may be invisible to regular website visitors.
- SSL/DNS/Whois Change Monitoring**
Regularly checks for any changes to the DNS and Whois configurations of the website.
- Artificial Intelligence Engine**
Runs advanced Natural Language Processing (NLP) models to classify HTML Text contents for defacements.

PATENTED TECHNOLOGY

Unique and Intelligent baseline process automatically differentiates dynamic and static parts of your website, allowing more effective monitoring with minimal false alerts.

WebOrion®

Restorer

Threat Response and Recovery— Automate Your Response Playbook!

WebOrion® Restorer will provide the latest version of a Secure Replica of your website – one that removes most of the security vulnerabilities, so that your website cannot be easily hacked again. We give you time and space to conduct investigation, do forensic analysis and perform system recovery while the Secure Replica maintains your public web presence.

UNIQUE RESTORATION METHODOLOGY

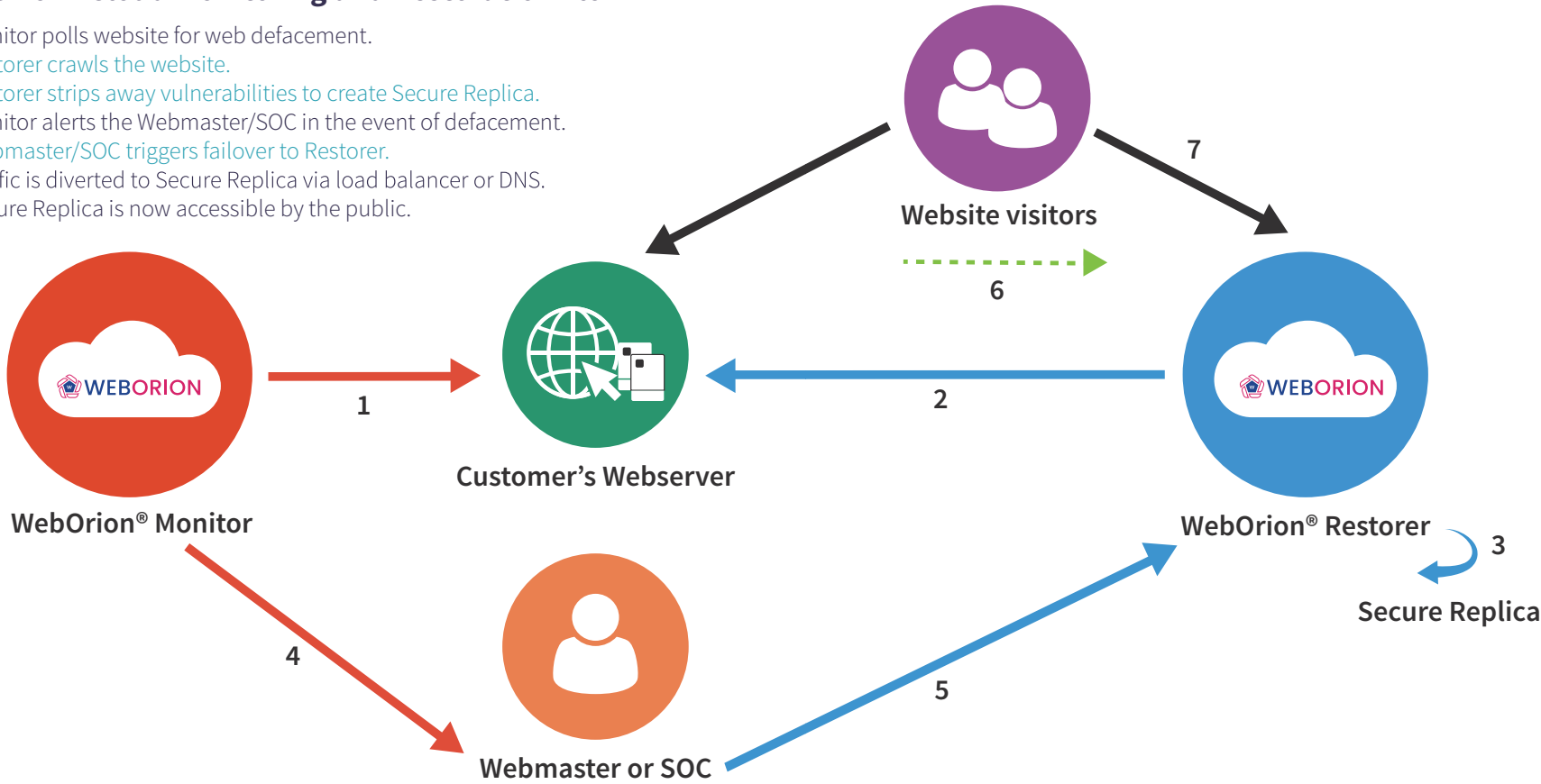
Seamless integration with different technologies, platforms and architectures to achieve automated or 1-click restoration of web presence.

Easily manage Secure Replicas with a user-friendly interface to create, preview and select the replicas for your website.



WebOrion® Cloud Monitoring and Restoration Flow

- 1 Monitor polls website for web defacement.
- 2 Restorer crawls the website.
- 3 Restorer strips away vulnerabilities to create Secure Replica.
- 4 Monitor alerts the Webmaster/SOC in the event of defacement.
- 5 Webmaster/SOC triggers failover to Restorer.
- 6 Traffic is diverted to Secure Replica via load balancer or DNS.
- 7 Secure Replica is now accessible by the public.



AGENTLESS ARCHITECTURE

WebOrion® is an agentless solution that can support most types of websites that are accessible on the Internet. The subscriber only needs to login to the WebOrion® Self Service Portal to configure the URLs (webpages) that are to be monitored and restored.

FLEXIBLE CLOUD & ON PREMISE DEPLOYMENT

WebOrion® can be deployed either as a Software-as-a-Service (SaaS) or as an on-premise physical appliance in the organisation's data centre. The deployment can also be virtual appliances in both public and private cloud environments.

WebOrion® Restorer adopts a 5Cs methodology to ensure a comprehensive and seamless outcome to restore your Website.

- Crawl**
On day one, it will crawl your website and identify all the pages to be replicated.
- Copy**
After the crawl, it starts a copying process where it replicates all the pages.
- Create**
It then strips off the vulnerabilities and creates a secure replica of the original website.
- Control**
In the event of a defacement, traffic will be redirected to the Restorer with the Secure Replica.
- Commission**
The Restorer will be commissioned to serve out the replicated webpage.

PATENTED TECHNOLOGY