WEBORION

Web Security
Threat Detection and Response Solutions

IDENTIFY

PROTECT

RECOVER

DETECT

RESPOND

WebOrion® Cloud (SaaS)

WebOrion® Defacement Monitor (Per URL)

WebOrion® Defacement Monitor (Per URL)	Lite			Advanced		
	Bronze	Silver	Gold	Bronze	Silver	Gold
Content and Integrity Analytic Engines		✓			✓	
Image Analytic Engine		✗			✓	
Polling interval (mins)	60 mins	15 mins	5 mins	60 mins	15 mins	5 mins
Notification	Email , SMS and SIEM integration					
Report	Monthly email/PDF reports					
Web Portal	Web portal with live dashboard, configuration management and alert statistics					
Maximum Number of URLs Supported	Scalable to millions of URLs					

WebOrion® Defacement Monitor (Per Domain)

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

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® Appliance

WebOrion® Defacement Monitor / WebOrion® Restorer	WM-ASV-100 / WR-ASV-100	WM-ASV-500 / WR-ASV-500	WM-ASV-1000 / WR-ASV-1000
Max. No. of URLs	500	1000	2000
Physical Appliance	1U Rack Server		2U Rack Server
Virtual Appliance (Private Cloud)	Docker, Microsoft Hyper-V, VMware vSphere		
Virtual Appliance (Public Cloud)	aws	Azure	Google Cloud

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

WEBORION

Our Team Credentials

aws partner network — Select Technology Partner

Microsoft Partner — Select Technology Partner Microsoft

CISSP — CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL

GSEC

GWAPT

GCIH

Corporate Website

WEBORION

WebOrion® is an innovative creation of Cloudsine Pte Ltd

WebOrion®
Defacement Monitor

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

WebOrion® Defacement Monitor will provide near real-time alerts in the event of a web defacement. Our high-fidelity approach in 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, third party javascripts, malware, and more.

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.
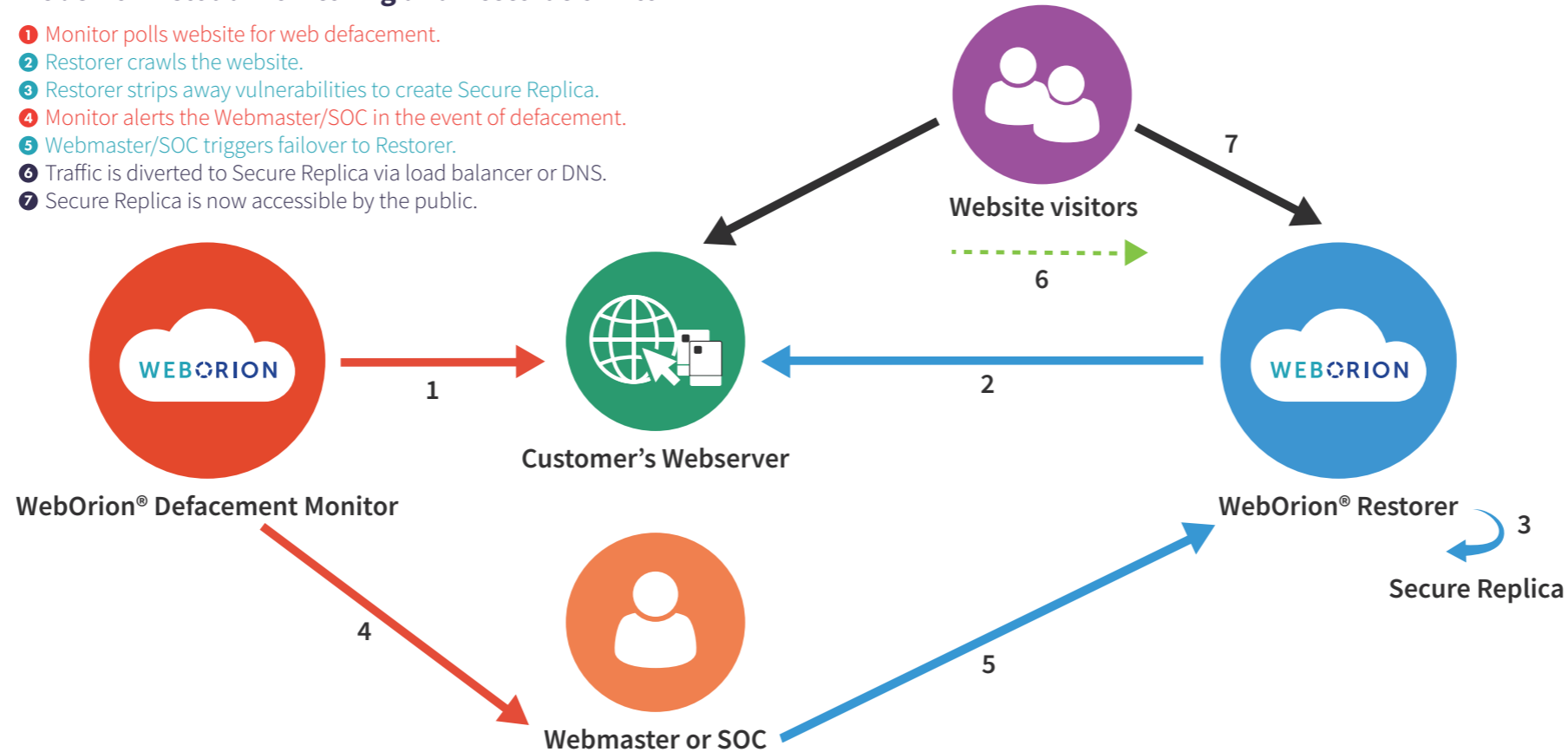
UNIQUE RESTORATION METHODOLOGY

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® Defacement 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 when checked against the baseline version.

Automated 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 pixel analysis using image rendering technique.

PATENTED TECHNOLOGY

Proactive 24×7 Remote Monitoring

Platform Independent

Near real-time alerts of Unauthorized Changes

Automated Creation of Secure Replica

Full Control of Replication Process

Reduced Chances of Re-defacement

WebOrion® Cloud Monitoring and Restoration Flow

❶ Monitor polls website for web defacement.
❷ Restorer crawls the website.
❸ Restorer strips away vulnerabilities to create Secure Replica.
❹ Monitor alerts the Webmaster/SOC in the event of defacement.
❺ Webmaster/SOC triggers failover to Restorer.
❻ Traffic is diverted to Secure Replica via load balancer or DNS.
❼ Secure Replica is now accessible by the public.

Website visitors

WebOrion® Defacement Monitor

Customer's Webserver

WebOrion® Restorer

Secure Replica

Webmaster or SOC

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.

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

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.