



WEB SERVER SECURITY IN REAL-TIME

automated detection & response of
server malware and unauthorized file changes
for business continuity and improved resilience



umvwebsecurity.com



MALICIOUS CODE, URLs, AND WEB SHELLS: Network security isn't enough

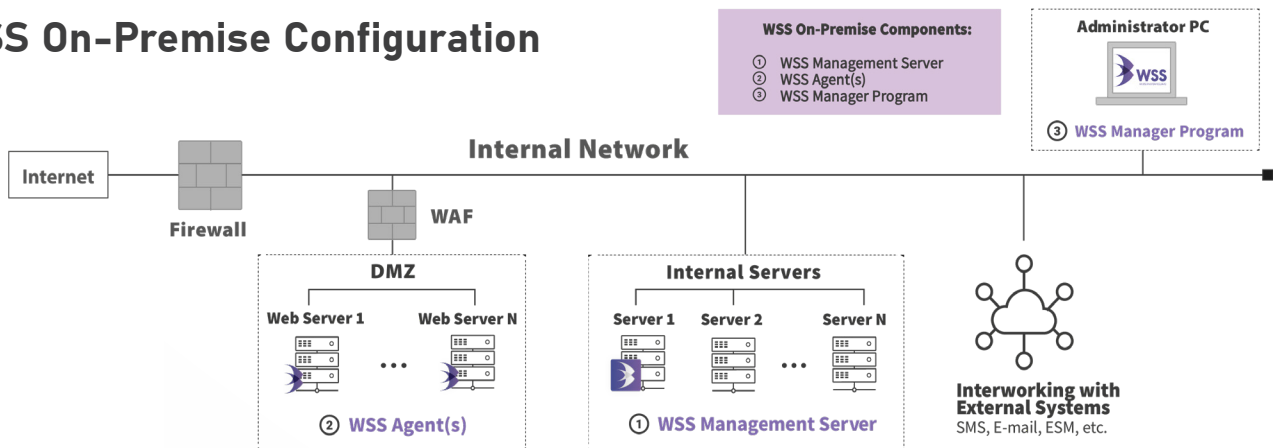
- Constant diversification of intrusion methods renders rule-based network security measures insufficient
- Network security detection is limited (incomplete pattern matching/filtering, low detection of obfuscated/hidden malware)
- Stricter network detection rules cause bottlenecking and service interruptions
- Bypassed by internal threat actors
- Pre-existing infections in network devices left undetected

SAFEGUARD YOUR WEB-BASED DATA WITH REAL-TIME SECURITY

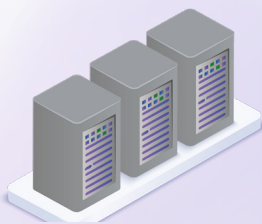
Developed by UVM Inc., **Web Server Safeguard (WSS)** is a real-time security enhancement solution designed to integrate seamlessly into existing web server security infrastructures. By detecting infiltrated malicious URLs, code, and web shells, WSS reacts instantly to threats—allowing you to identify, quarantine, and manage malware without delay.

Complete with a full suite of configuration and management options, as well as state-of-the-art detection methods that catch even encrypted malware, WSS equips your security team with the agility to uncover and respond to web-based malware without interrupting your web services.

WSS On-Premise Configuration



WSS's 3-Component Structure



WSS MANAGEMENT SERVER

- Manages detection, functions, and other operations
- Controls settings for monitoring, remote action, configuration
- Performs user management, statistics, and reporting
- Installed on administrator PC



WSS AGENT

- Performs web shell, malicious URL, and personal information detection
- Forwards detection and filtering results to Management Server
- Compatible with all operating systems supporting JDK 1.5+



WSS MANAGER

- Stores web shell detection history
- Supports remote management
- Controls and distributes web shell pattern updates or settings changes to Agents
- Installed on VM or hardware

OUR PRODUCTS

WSS On-Premise

- Web server security booster solution
- Detects, quarantines, and reports web-based malware in real-time
- For on-premise environments

WSS Cloud

- Offers all the protections of WSS On-Premise with scale-in/-out and Docker/Container support
- Tailored for cloud computing (VMs)

WARSS

- **Website Attack Restoration Security Solution**
- Detects unwanted changes to website content and restores original content in real-time
- Prevents attacks such as website defacement, data/source code forgery, and content forgery
- Also available for cloud



WHY UMV SOLUTIONS?



DEFEND
against web shell
upload attacks



COUNTER
malicious code/URL
upload attacks



PREVENT
unauthorized file
modification



STOP
malicious configuration
settings modification



PROTECT
your clients' personal
information



OUTSMART
website defacement
attempts



MANAGE
and customize with
ease



SECURE
your cloud (VM)/hybrid
environment

Improve your security compliance



Employing UMV products strengthen compliance with various global cybersecurity frameworks via:

- Automatic monitoring and detection of web-based server malware
- Automated containment of malware through auto-quarantine functions
- Automatic detection and recovery of unintended file modifications
- Thorough logging and reports on detection and mitigations actions for audits

The security chain is only as strong as its weakest link



Complete your web security architecture with UMV

Our Customers

UMV products secure 30,000+ web servers in on-premise or cloud computing environments worldwide. Our 300+ customers span diverse industries, including business, medical services, government, telecommunications, finance, internet/data providers, and more.

AhnLab



Microsoft Azure



TOYOTA



KDB Bank

BC CARD

SAMSUNG CARD

Hyundai Capital

Seoul Metro

HYUNDAI
MOTOR GROUP

SEOUL METROPOLITAN
GOVERNMENT



Ministry of Foreign Affairs
Republic of Korea



gabia.

SK securities

SK telecom

K data
Korea Data Agency



S-OIL Corporation

Hi Seoul
SOUL OF ASIA



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ROBOTIS

NH Bank

SK infosec

kt

iMBC



Bluewalnut

AMORE PACIFIC

JOSUN
HOTELS & RESORTS

BOANNEWS

KORAIL

Prudential

KBS Media

dun & bradstreet



DAEWOO E&C

SHINSEGAE

Hansol



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