



(주)유엠브이기술
www.umv.co.kr

UMV, Gateway to Korea's Web Server Security

WSS (Web Server Safeguard)



ShellMonitor

Real-time Web Based Malware(Web Shell),
Malicious URL detection & quarantine solution

ForgeryMonitor

Real-time web site forgery detection and protection solution

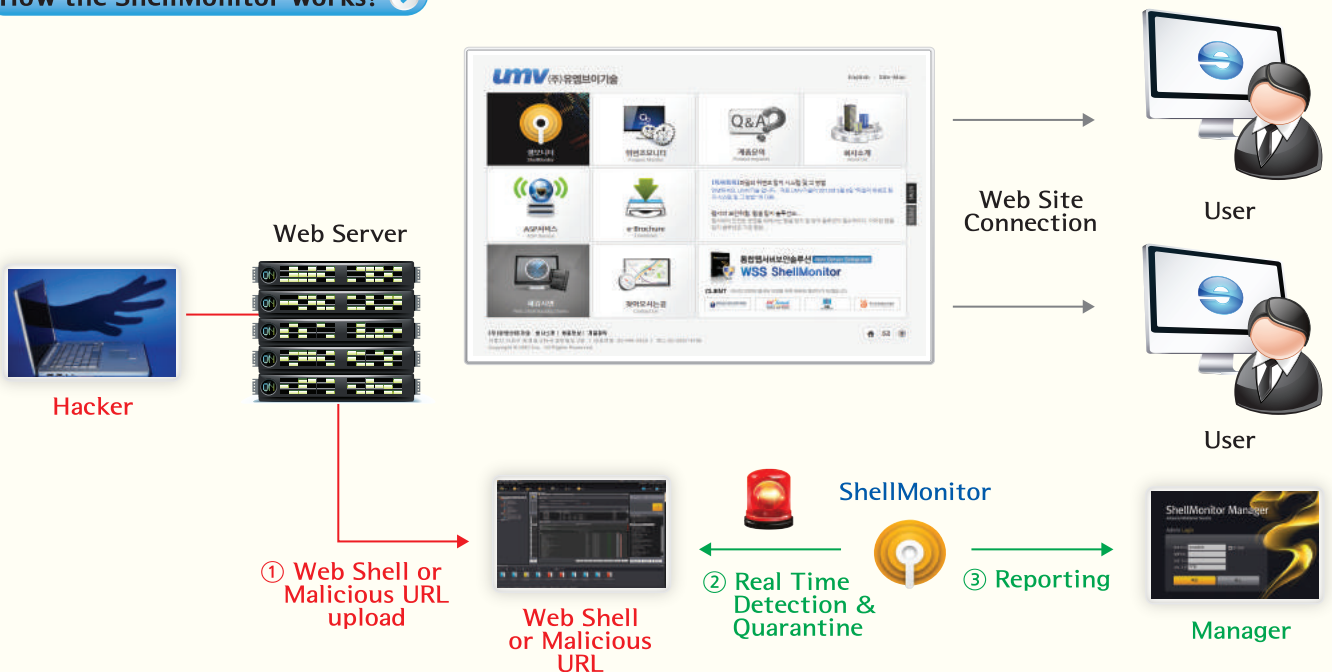


ShellMonitor

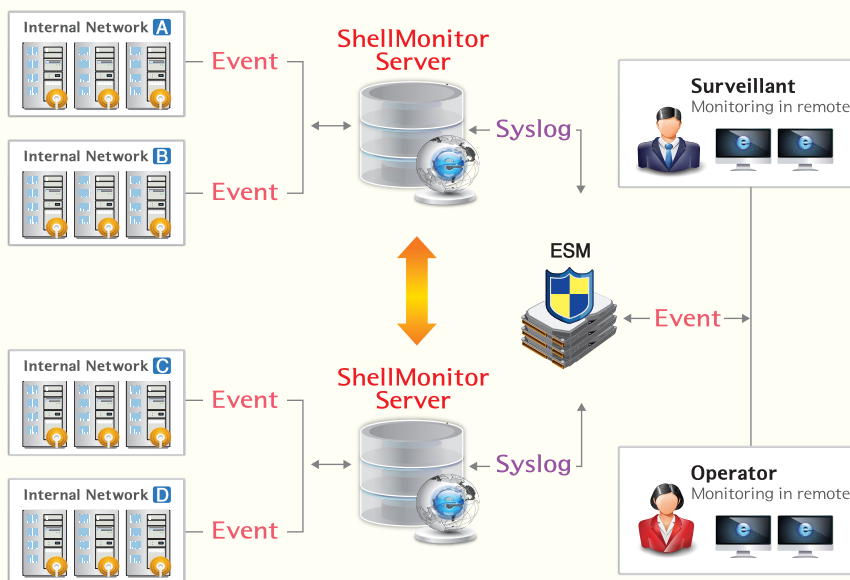
WSS(Web Server Safeguard) ShellMonitor is a real time based web server and web application server protection solution detecting and quarantining web based malware, called "Web Shell" and malicious distribution URLs, also known as watering hole attacking tools that are widely exploited for contemporary APT attacks.

- Web Real Time Web Based Malware(Web Shell) and Malicious URL Detection and Quarantine
- Centralized Monitoring and Auto Upgrading Supportive fit for operating massive web server system
- Source File Change Detection and Protection
- Detects Web Server Setting File Change by Attackers
- Upload Filtering, Email/SMS/ESM Report, Operating Resource Monitoring

How the ShellMonitor works?



ShellMonitor Structure - 3 Tier System



Key Benefits

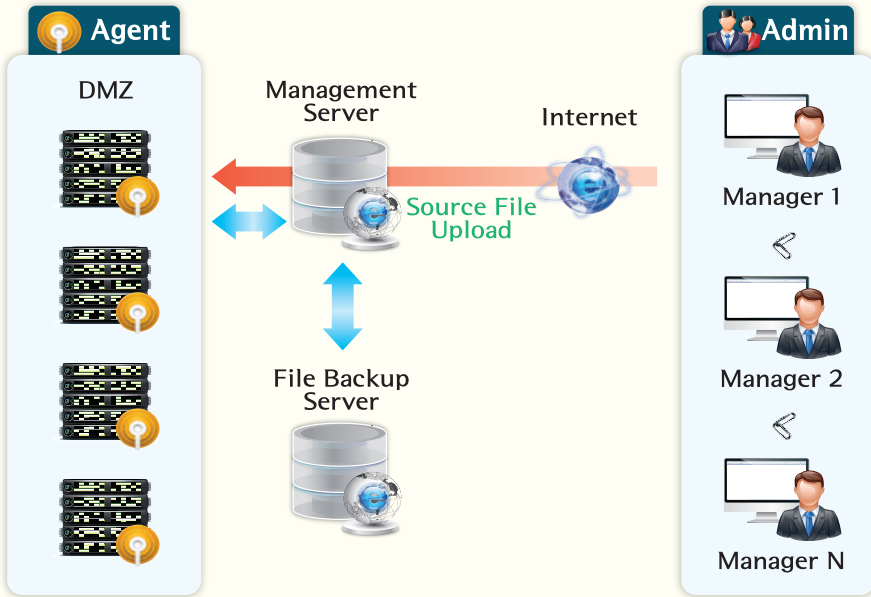
- Smart & Proven**
 - Smart and fast detection on attacks in real time basis
 - Auto quarantine and report
- Security DB Engine**
 - More than 350K malwares and malicious URL patterns
 - Allied with public and private malware research institutes: KISA(Korea Internet Security Agency), Hoseo Univ., Ahn Lab (Korea #1 vaccine provider), etc
- Customization**
 - Supports enterprise's environmental needs
 - Supports massive processing web servers with easy & centralized security control
 - Supports ESM(Enterprise Security Management) integration
- Web Service Stability**
 - Minimizes web server processing load in scanning with ShellMonitor Agents
 - Facilitates web server's operating resources: CPU and Memory

ForgeryMonitor

As incremental and varied web site forgery attacks are being intelligent and even massive, UMV's invented the "ForgeryMonitor" solution to effectively detect and protect the attacks.

With this solution, internet service providers could do safer customer services by protecting customers' private key information by means of restoring original file settings in the safest way against intentional changes or forgery attempts on the web site.

How Forgery Monitor works?



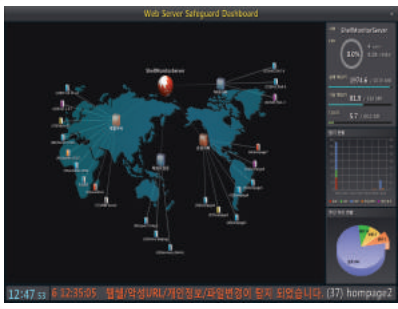
Key Features

- Real Time Web Site Forgery and Change Detection & Restoration
- Configuration Management on File Source's history
- Minimization control on excess and or false detection rate
- Integrated Management System (IMS) Supportive for minimalizing operating resources
- Real time alert function with superlative monitoring program (SMS, Email, ESM supportive)
- Statistical analysis and reporting

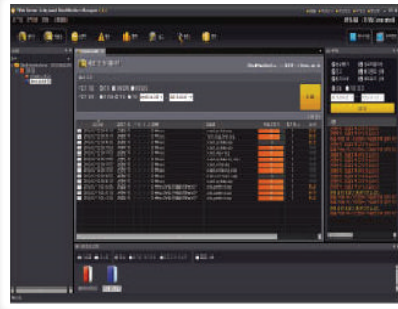
Cloud Computing Service

IT infrastructure today adopting more advanced cloud computing services is being a mainstream among many companies and public institutes. Accordingly the cloud computing security is inevitable and key pointer for the successful cloud computing services. UMV Inc. serves all cloud computing customers with our proven clouding web security solution, the WSS in efficient and effective way.





WSS Dashboard Screen

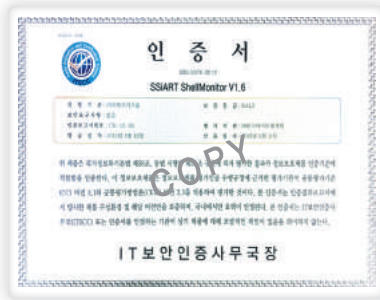


ShellMonitor Operation Screen



ForgeryMonitor Operation Screen

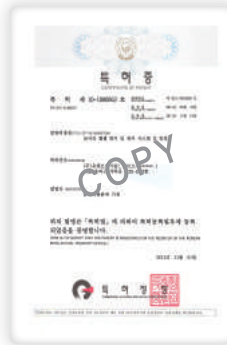
Patents & Certifications



CCC, Common Criteria Certification EAL2 Level (Cert. No. ISIS-0376-2012) by NIS, National Intelligence Service



GSC, Good Software Certification (Certificate No. 11-0184) by Telecommunication Technology Association



Patents

- Real Time Web Shell Detection and Protection System and its Method (Patent No.: 10-1080953)
- Home Directory Change Detection and Protection System and its Method (Patent No.: 10-1157897)
- Mass Directories Detection System and its Method (Patent No.: 10-1157903)
- Cache file management system and its method for mass file system monitoring (Patent No.: 10-1157906)
- File Forgery Detection System and its method (Patent No. : 10-1279792)
- Adaptive System and Method for Detecting Directory (Patent No. : 10-1406756)

Customers

Government Institutions



Financial Companies



Corporates

