

AhnLab MDS

The Ultimate Threat Defense

Integrated endpoint, server, network and cloud protection against targeted threats and zero-day attacks



DISCOVER



ANALYZE



MONITOR

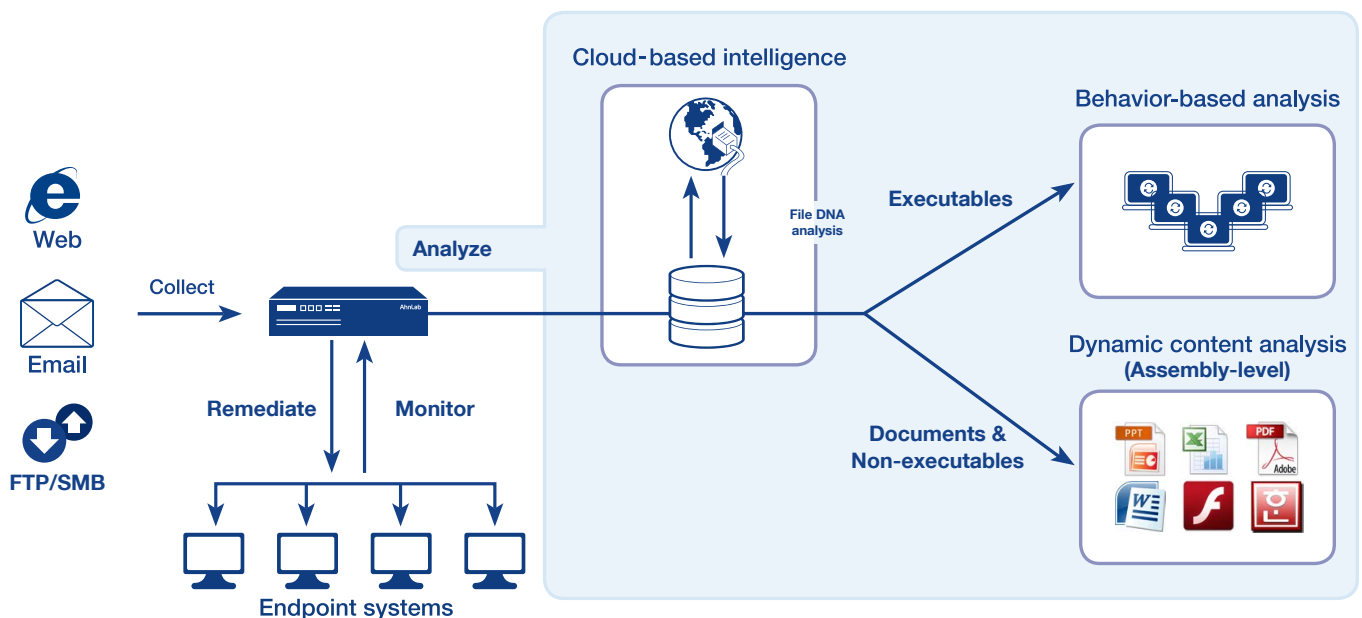


REMEDIATE



REPORT

AhnLab MDS (Malware Defense System) is the exclusive corporate security solution that combines local and cloud-based analytics to stop advanced targeted threats anywhere across the organization. AhnLab MDS delivers truly comprehensive threat protection, applying rapid malware recognition and remediation with real-time blocking of malicious network traffic and dynamic disruption of active security breaches. This advanced security system protects endpoints, servers, networks and cloud resources within a single architecture and an integrated management environment.



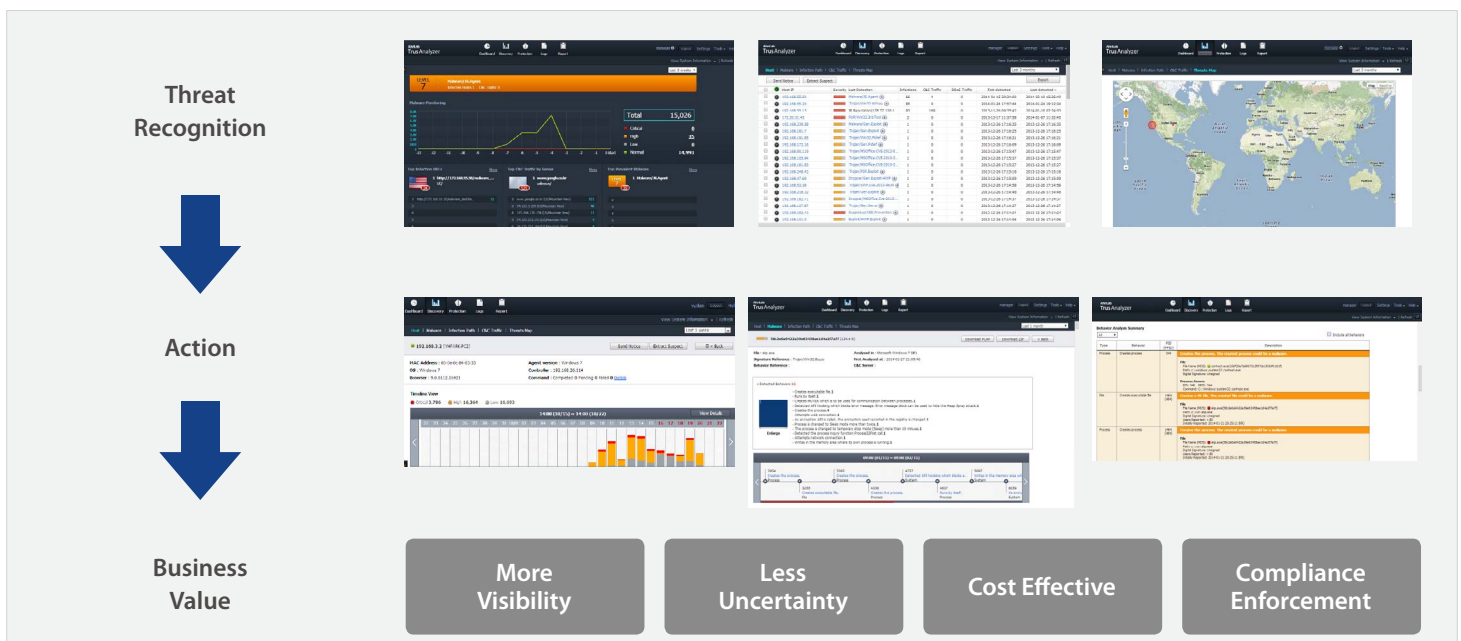
MDS is the only truly unified and comprehensive approach to stopping advanced targeted threats across networks, servers, endpoints and cloud resources.

Benefits

- Layered approach protects everything – networks, servers, endpoints and cloud resources
- Simplified management and rapid response to threats anywhere across the corporation
- Single source for security intelligence, product updates, systems management and technical support
- Superior analysis of potential threats, including detailed bodies of evidence for behavior that is suspicious but not definitively good or bad
- Automated malware removal and targeted disruption of malware network activity without effecting normal business operations

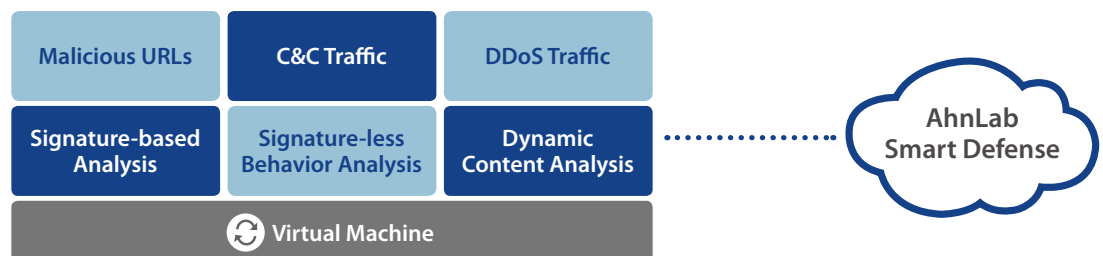
AhnLab MDS Delivers Answers

AhnLab MDS simplifies security for both system administrators and end users. All system operations are configured and managed through a single user interface. Alerts are easily directed to specific staff for follow-up, including access to critical information via smartphones and tablets.



MDS provides a truly comprehensive overview of all network security operations related to advanced targeted threats, as well as delivering a transparent operation that doesn't interfere with normal business activity.

This rich, single-source solution provides secure service enablement for social media and other essential online applications. MDS also provides real-time scans for popular file formats frequently used by advanced targeted threats propagation. Malicious material hidden in Microsoft Office documents and Adobe Acrobat PDF files is stopped automatically before it can infect end user systems.

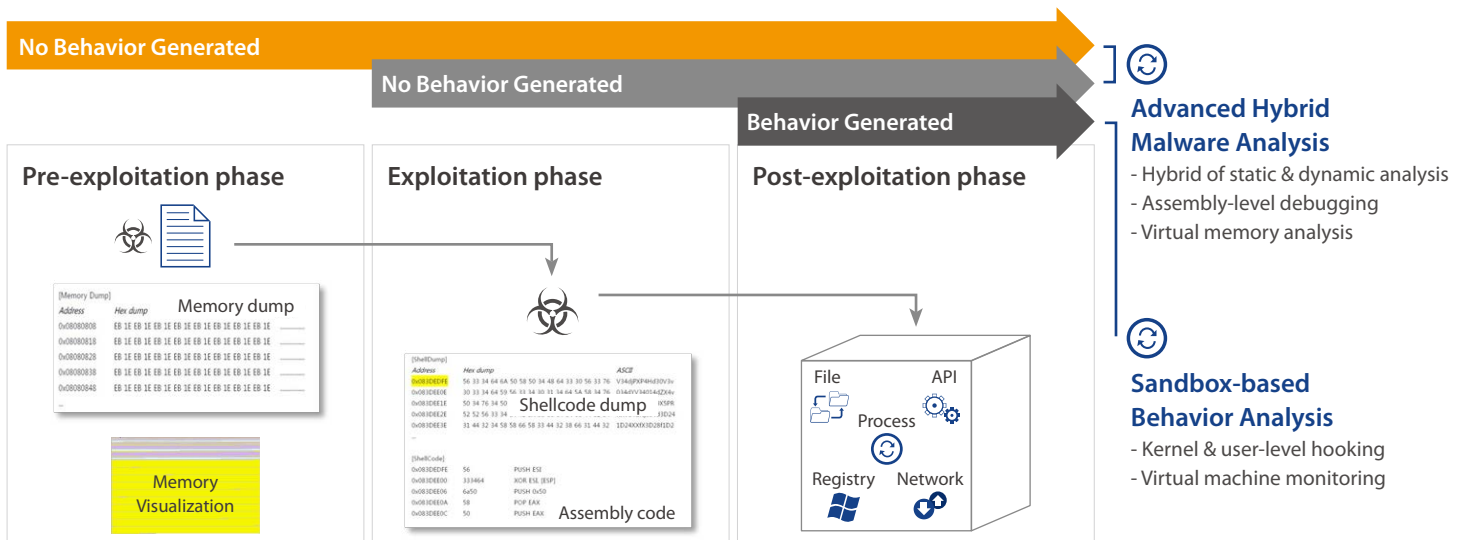


Today's advanced targeted malware evades typical security defenses – but not AhnLab MDS.

New and Exclusive, Automatic Analysis at Assembly-level

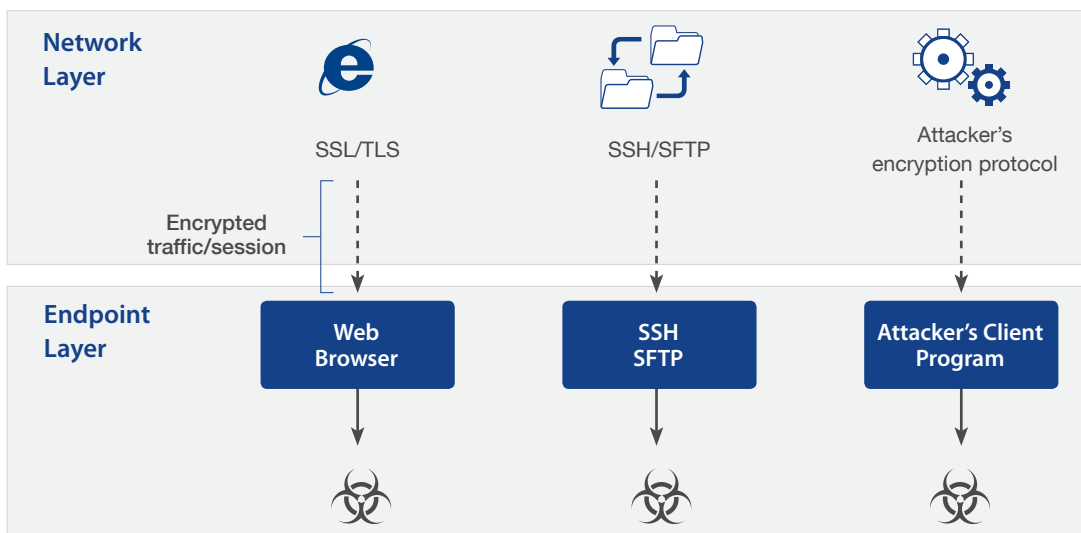
Recently security vendors have insisted on the importance of “signature-less” analysis technology for identifying unknown malware which causes severe damages. This technology, however, is not new technology but a “behavior-based analysis” in a controlled environment, such as a sandbox or virtual machine. There are limitations in detecting new malware by “behavior-based analysis” only: malware that is not executed, or is executed but shows no suspicious or malicious behavior in a sandbox or virtual environment, cannot be determined as either malicious or normal.

Regardless of any environment or execution conditions, AhnLab MDS detects malware with its automatic analysis technology at the assembly-level, a hybrid technology of static analysis and dynamic analysis. With this new and exclusive technology, AhnLab MDS prevents businesses from being targeted by advanced and sophisticated attacks.



Mitigation at Endpoint Level

AhnLab MDS has a strong but light-weight agent. This agent automatically or manually removes malware from the host system. In order to prevent the internal system from being infected by unknown malware, AhnLab MDS provides an “execution holding” feature via its agent, which holds off the execution of files. AhnLab MDS also blocks and analyzes unknown malware or variants that flow into the endpoint via encrypted traffic like SSL, a USB drive or through the internal network.



Encrypted Traffic in the Network Layer:

- Unable to collect or analyze file

Agent in the Endpoint Layer:

- Extract
- Stop execution of file
- Upload file to MDS
- Analyze

Designed to Deliver What Other Solutions Can't

AhnLab MDS is the exclusive solution that delivers fast, truly comprehensive host and network protection against known and unknown malware, zero-day exploits, and targeted attacks. All features are integrated in a single platform, which makes it easy to deploy and manage. MDS delivers long-term value for your organization through a low total cost of ownership and exceptionally rapid return on investment (ROI).

- Up to **10 Gbps performance** for identifying advanced targeted threats across the network
- Coordinates analysis of both known malware and suspicious content with AhnLab global **cloud-based** automated malware research system
- Recognizes dangerous files and attachments before they reach internal endpoints
- Blocks outbound traffic to Internet Relay Chat (IRC) and Command & Control (C&C) servers, and harmful URLs
- Observes OS changes by malware in **VM** (e.g., Creation, modification or deletion of files, processes, registry keys/values and new network connection)
- Provides an advanced hybrid approach with assembly-level analysis—a hybrid technology of static analysis and dynamic analysis—to identify zero-day vulnerabilities of applications such as **MS Office** and **Adobe Acrobat Reader**
- Windows-based endpoint and server protection
- Recognizes patterns of advanced targeted attacks and prevent propagation in real-time
- Directs **malware remediation** and active blocking of C&C network communications
- Operates transparently, with **minimal impact** on normal operations
- Combines localized malware behavior and signature detection with AhnLab's global analysis resources to stop zero-day threats, **remediate infected systems** and provide ongoing intelligence that benefits all AhnLab customers
- Holds off the execution of suspicious files that attempt to run on endpoint and blocks or permits the execution depending on the analysis result

Learn more today by contacting your AhnLab partner or local AhnLab sales representative, or by visiting: <http://www.ahnlab.com>

About AhnLab

AhnLab creates agile, integrated internet security solutions for corporate organizations. Founded in 1995, AhnLab, a global leader in security, delivers comprehensive protection for networks, transactions, and essential services. AhnLab delivers best-of-breed threat prevention that scales easily for high-speed networks, by combining cloud analysis with endpoint and server resources. AhnLab's multidimensional approach combines with exceptional service to create truly global protection against attacks that evade traditional security defenses. That's why more than 25,000 organizations rely on AhnLab's award-winning products and services to make the internet safe and reliable for their business operations.

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