TREND MICRO™

Trend Micro™

DEEP SECURITY™ PACKAGES

A comprehensive range of options to secure your physical, virtual, cloud, and hybrid environments

Virtualization has already transformed the data center and now, organizations are moving some or all of their workloads to private and public clouds. If you're interested in taking advantage of the benefits of virtualization and hybrid cloud computing, you need to ensure you have security built to protect all of your servers, whether physical, virtual, cloud or hybrid environments.

Deep Security can help you scale your virtualization and cloud environments securely without compromising performance and efficiency. And, you can avoid the operational nightmare of having to manage multiple point security solutions, which inevitably leads to disjointed policies and a huge management overhead.

Deep Security is available in four different packages, tailored to every organization's security requirements.

ANTI-MALWARE SECURITY PACKAGE

Includes anti-malware and web reputation capabilities

Anti-malware
- Provides agentless and agent-based options that integrate with VMware and other virtual environments
- Sandbox analysis that delivers advanced threat detection and remediation of suspicious objects

Web Reputation
- Strengthens protection against web threats to servers and virtual desktops
- Integrates with Trend Micro™ Smart Protection Network™ web reputation capabilities to safeguard users and applications by blocking access to malicious URLs

NETWORK SECURITY PACKAGE

Includes intrusion prevention (IPS) and firewall capabilities

Intrusion Prevention

Shields known vulnerabilities from exploits until they can be patched
- Helps achieve timely protection against known and zero-day attacks
- Uses vulnerability rules to shield a known vulnerability from an unlimited number of exploits
- Offers out-of-the-box vulnerability protection for more than 100 applications, including database, web, email, and File Transfer Protocol (FTP) servers
- Automatically delivers rules that shield newly discovered vulnerabilities like Shellshock and Heartbleed within hours, and can be pushed out to thousands of servers in minutes, without a system reboot
- Increases visibility into, or control over, applications accessing the network
- Identifies malicious software accessing the network and reduces the exposure of your servers

Firewall

Decreases the attack surface of your physical and virtual servers
- Centralizes management of server firewall policy using a bi-directional stateful firewall
- Supports virtual machine zoning and prevents Denial of Service (DoS) attacks
- Provides broad coverage for all IP-based protocols and frame types, as well as fine-grained filtering for ports and IP MAC addresses

With Deep Security, you can benefit from advanced threat protection for your hybrid workloads. Trend Micro Hybrid Cloud Security solution, powered by XGen™, delivers:

- Comprehensive security capabilities like anti-malware with web reputation, host-based firewall, intrusion detection and prevention (IDS/IPS), integrity monitoring, application control, and log inspection.
- Vulnerability shielding with virtual patching to protect applications and servers against vulnerabilities.
- Trusted protection for Docker containers across all of their environments with pre-defined policies applied to the host to protect the containers.
- Deployment flexibility with software or as a service offerings—includes full multi-tenant capabilities for easy service operation.
- Reduced cost and complexity through tight integration with VMware to reduce operational impact with a single platform for management of security controls and policies across multiple environments: physical, virtual, and cloud.
- Easy administration with tight integration to management consoles from Trend Micro, VMware, and enterprise directories.
- Compliance with major regulatory requirements for PCI DSS, HIPAA, NIST, SSAE 16, and many others.

SYSTEM SECURITY PACKAGE

Includes application control, integrity monitoring, and log inspection capabilities

Integrity Monitoring

Detects and reports malicious and unexpected changes to files and systems registry in real time
- Monitors critical operating system and application files, such as directories, registry keys, and values, to detect and report malicious and unexpected changes in real time
- Adds greater security to virtual machines without additional footprint through an agentless configuration
- Protects the hypervisor from exploits with innovative hypervisor integrity monitoring technology
- Reduces administrative overhead with trusted event tagging that automatically replicates actions for similar events across the entire data center

Application Control

Automatically detects and blocks unauthorized software
- Scans a machine and determines which applications are currently on it
- Locks down the system once the inventory has been created, preventing new applications from running without being whitelisted
- Integrates into a DevOps environment to support continuous changes to application stacks, while maintaining application control protection using APIs
- Helps with catching threats that yet to have a signature, including some zero-day threats

Log Inspection

Provides visibility into important security events buried in log files
- Optimizes the identification of important security events buried in multiple log entries across the data center
- Forwards suspicious events to a security information and event management (SIEM) system or centralized logging server for correlation, reporting, and archiving
- Leverages and enhances open-source software available at OSSEC

ENTERPRISE SECURITY PACKAGE

The most comprehensive package made up of all the Deep Security capabilities—includes anti-malware, web reputation, intrusion prevention (IPS), firewall, integrity monitoring, application control, and log inspection
- Consolidates all server security functions into one comprehensive, integrated, and flexible platform that optimizes protection across physical, virtual, and cloud servers
- Accelerates virtualization investments
- Minimizes server security impact
- Addresses hybrid security needs as you move to the cloud

Already selected by thousands of global customers to protect millions of servers, Deep Security is part of the Trend Micro Hybrid Cloud Security solution, powered by XGen™ security. It provides market-leading security capabilities through a range of product packages for physical, virtual, and cloud servers from a single integrated platform.

For more information, visit **www.trendmicro.com/deepsecurity**.

> " Before Trend Micro, we had to piece together security solutions and didn't have a consolidated view of our overall security. Deep Security makes it easier to develop and deploy a provably secure solution. "
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> **Gerry Miller**
> Founder and Chief Technologist, Cloudticity

> " We now have an integrated solution, due to our transition to Deep Security. Now we manage a single product from a single window, so we manage security levels for all servers from one point. "
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> **Sener Sargın**
> Operations Support Manager, Ipragaz

POWERED BY XGEN™ SECURITY

Deep Security is part of the Trend Micro Hybrid Cloud Security solution, powered by XGen™.

Securing Your Journey to the Cloud