Trend Micro

COMPREHENSIVE SECURITY FOR THE VMWARE ENVIRONMENT

THE ERA OF BORDERLESS VIRTUALIZED DATA CENTERS

Millions of customers are adopting virtualization technologies for data center workloads, and more recently networks, to drive efficiency, improve speed and agility, and lower costs. The speed and agility of the public cloud is driven primarily by the power of the software-defined data center. The modern data center has no physical boundaries with workloads distributed in various corners of the world. In this era of borderless data centers, it is becoming increasingly important to address the unique security and compliance issues introduced by these deployment models. How can you protect your data center assets seamlessly without compromising the benefits of virtualization, and stay compliant?

SECURITY CANNOT BE AN AFTERTHOUGHT

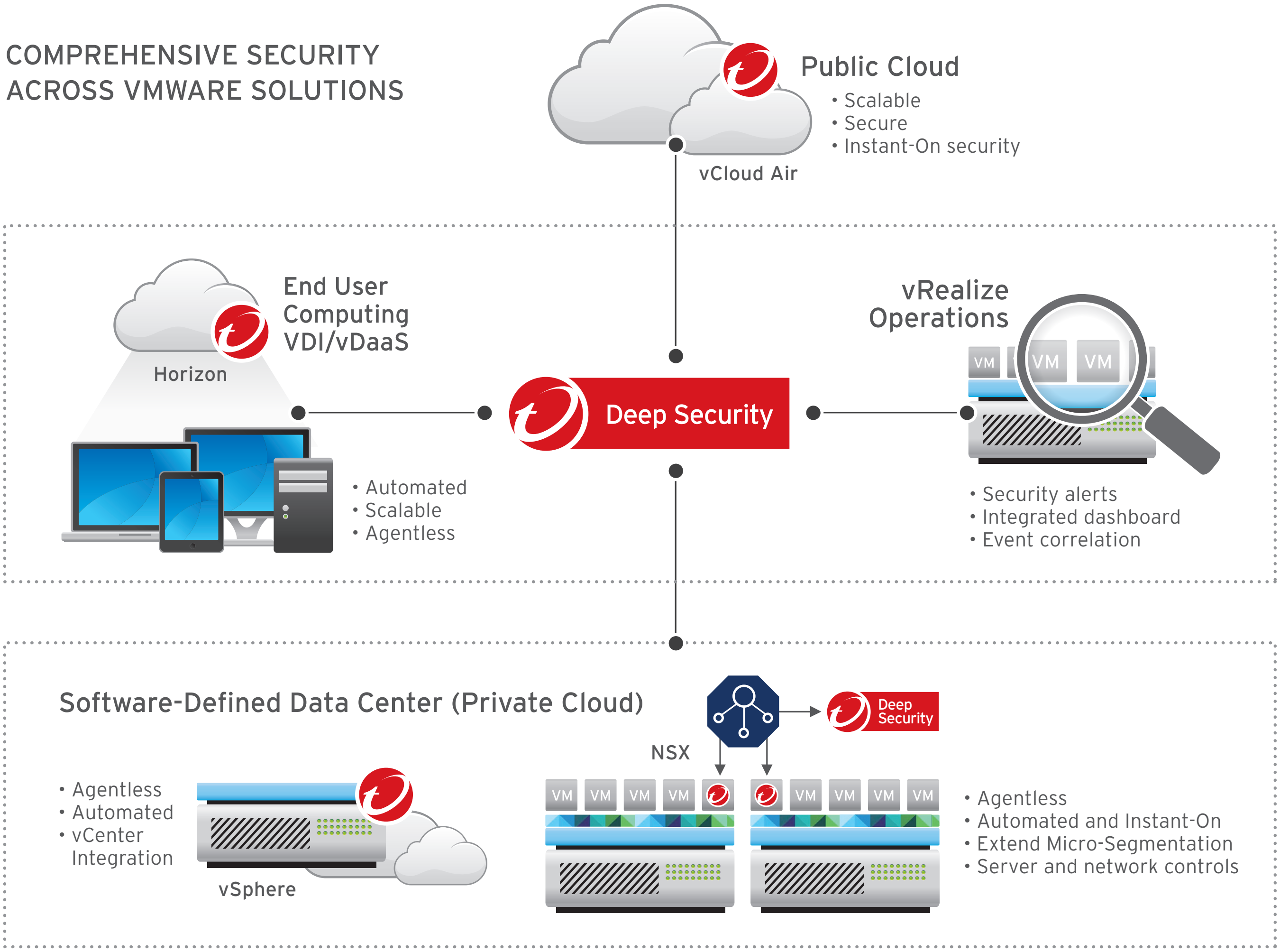
VMware, known for providing secure virtualization infrastructure, has consistently kept security considerations at the forefront of its innovation. Working together for years, VMware and Trend Micro, the global leaders in virtualization and cloud security, have jointly innovated to provide the most optimized security solution for VMware environments. In addition, Trend Micro solutions are architected to integrate into the VMware platform at a granular level, to improve your overall virtualization experience.

TREND MICRO DEEP SECURITY

Trend Micro Deep Security, the #1 provider of server security since 2009*, delivers a comprehensive security platform optimized for the VMware environment. The tightly-integrated security platform with multi-vector threat protection capabilities is built to work seamlessly with all the key VMware solutions including vSphere, NSX, vCloud Air, Horizon VDI/DaaS, and vRealize Operations.

* Source: IDC, Worldwide Endpoint Security 2014-2018 Forecast and 2013 Vendor Shares, Figure 2, doc #250210, August 2014

COMPREHENSIVE SECURITY ACROSS VMWARE SOLUTIONS

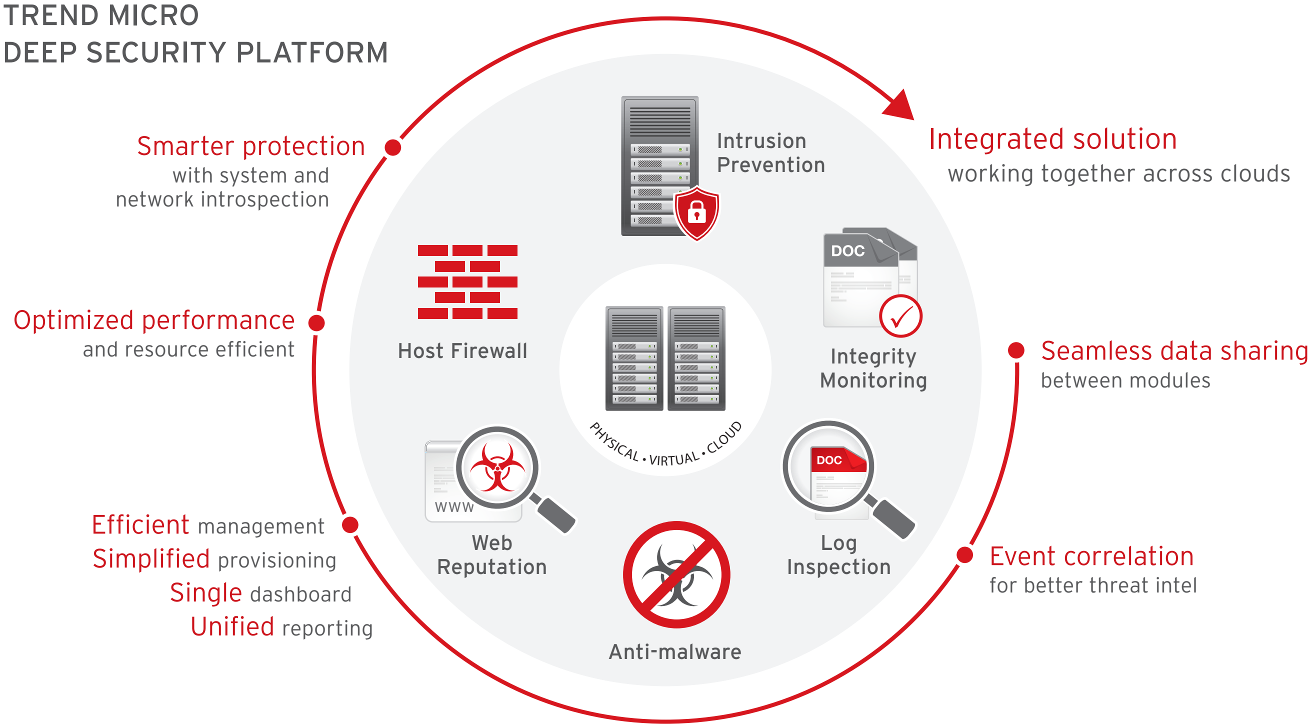


With Deep Security, you can benefit from advanced threat protection for your hybrid workloads. Trend Micro's Cloud and Data Center Security solution is comprised of market-leading products that deliver:

- Comprehensive security capabilities like anti-malware with web reputation, host-based firewall, intrusion detection and prevention (IDS/IPS), integrity monitoring, and log inspection.
- **Vulnerability shielding with virtual patching to protect applications and servers against vulnerabilities** like Shellshock and Heartbleed.
- **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 vSphere 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 integrations to management consoles from Trend Micro, VMware, and enterprise directories.
- **Compliance** with major regulatory requirements for PCI DSS 3.0, HIPAA, NIST, SAS 70, and many others.

This comprehensive security solution 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.

TREND MICRO DEEP SECURITY PLATFORM



HOW DO THE INTEGRATIONS WORK?

Deep Security provides comprehensive security across VMware environments. Below are some examples of typical customer deployment scenarios to explain how Deep Security can help.

Deployment Scenarios:

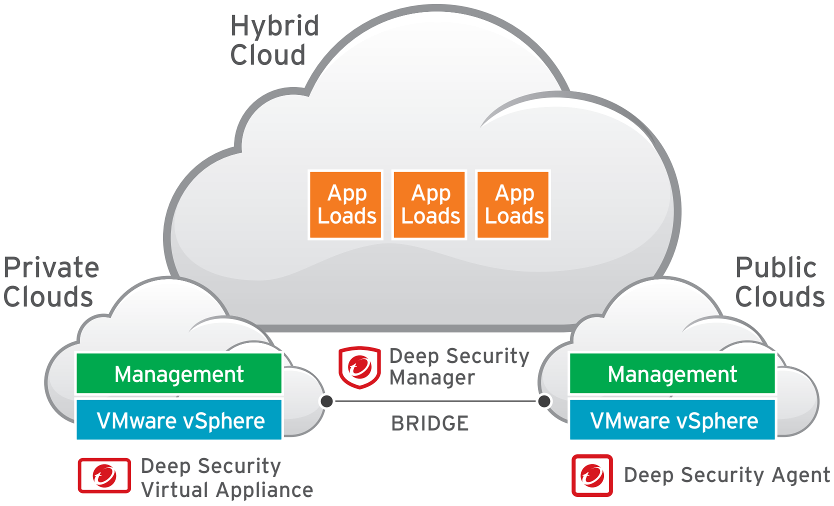
PRIVATE CLOUD (software-defined data center)
Deep Security provides lightweight, agentless capabilities for the vSphere platform. When deployed with NSX, Deep Security greatly enhances the security posture of the data center by extending micro-segmentation with advanced security controls for system and network security, to provide granular security at a Virtual Machine (VM) level. When deployed in Horizon VDI and vDaaS environments, Deep Security extends the multi-vector security capabilities with efficient design elements, such as scan caching, to offer best-in-class performance for VDI deployments. This results in up to 20x faster scans, 2x faster logins, and 30% more VM density.

PUBLIC CLOUD
Trend Micro Deep Security lets vCloud users fulfill their shared security responsibilities by easily extending on-premises security to cloud workloads through the vCloud Air Connector. If you are using vCloud Air and have deployed Deep Security in your data center, you will have a built-in advantage with instant-on cloud security optimized for vCloud Air. If you prefer a SaaS consumption model, Deep Security-as-a-Service provides a flexible consumption option, keeping in line with the spirit of the public cloud.

HYBRID CLOUD
By leveraging Deep Security's interoperability with VMware vCloud Director and other VMware technologies, administrators can automatically detect virtual machines (VMs) and apply context-based security policies. This provides consistent security across the data center and into the cloud.

Single pane-of-glass management visibility across clouds:

You can leverage your vRealize Operations Manager investment to bring it all together with the Deep Security plug-in module for the vCOps dashboard, unifying visibility into security and operations and enabling you to pinpoint issues when they occur, no matter whether the deployment is private or hybrid/public cloud. This integration allows the operations team to see the security status, security-related events, and overall health of the virtual data center from a single view. This helps correlate system activity with security activity and holistically addresses problems in the virtual data center.



FOR MORE INFORMATION

Please visit www.trendmicro.com/virtualization

TREND MICRO™

Securing Your Journey to the Cloud