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# Managed Security Services



## PREVENTING INTRUSIONS AND KEEPING DATA SAFE

The accessibility of the Internet is an open invitation to computer crime. As the Internet is built on standardized communication protocols - making technology more efficient, transparent, and affordable - and malicious attackers exploit those standardized ways to enter your computer environment and compromise your operations and data. As confidentiality, integrity and availability are essential to your business success, adequate protection of your Internet infrastructure is a major priority.

## TERREMARK MANAGED SECURITY SERVICES

Terremark currently offers a full line of managed security services delivered by our Secure Information Services team. These services include Application Firewall Management, Network Intrusion Prevention (NIPS), and other customized services delivered with an integrated, systematic approach to defend and protect your business processes and assets.

## APPLICATION FIREWALL MANAGEMENT

Our service will consist of tuning, reporting, integrating logs and ensuring the efficient operation and management of this important security layer.

We can manage and monitor several different brands of web application firewalls. This security layer enables businesses to efficiently maintain control over critical data stored in SQL databases, protecting web applications and ensuring compliance with PCI DSS 1.2 mandates.

We will develop policy and automate maintenance and endeavor to eliminate the need for manual configuration and tuning. We will utilize the learning and tuning features during the deployment that do not require any changes to the web application or network.

We will ensure that this transparent inspection technology delivers high performance, sub-millisecond latency, and multiple high-availability options that meet the most demanding requirements for your web site. By monitoring live application activity we'll build a comprehensive model of legitimate application usage so that security policy is generated automatically. By modeling changes to applications, usage patterns and data structures over time, the web application firewall addresses both the complexity and constant change that are typical within a business environment.

NETWORK INTRUSION PREVENTION (NIPS)

Terremark has selected the leaders in the NIPS space to be the devices that we center our Managed NIPS service on. Our NIPS vendors offer a scalable and easy to deploy lineup of NIPS and other related security functions that can be installed seamlessly at the network edge, in our colocation facilities or deployed at the network core to protect critical business applications from external as well as internal originating attacks.

Our full featured IPS features: ASIC-based hardware for up to multi-gigabit throughput, extensive canned and custom IDS signatures, bi-directional IDS inspection, signature and protocol anomaly engines, detailed logging and reporting, and automatic updates of IDS signatures and scanning engines. High-availability (HA) configuration ensures maximum availability of network resources, PCI and other mandated compliance focused reports. By tightly integrating industry leading security technologies such as IPS, antivirus, antispam, web filtering, VPN and Stateful Firewall, our hardware and managed services deliver comprehensive solutions for enterprises and service providers to combat the complex network and content level threats that use multiple methods to infect hosts and self-propagate.



LOG AGGREGATION AND SECURITY INFORMATION MANAGMENT

Terremark has selected several of the leading vendors in the marketplace to be the foundation for our Log Aggregation and Security Information Management Application service. Our Security Center tool set is a high-quality, low-cost, security event management (SEIM) solution that collects, normalizes and analyzes data from virtually any security device from any vendor.



ADDITIONAL MANAGED SECURITY SERVICES
Managed Enterprise Netflow Aggregation and Reporting Service
Log Aggregation and Security Information Management
Rapid Deployment Managed SOC in a Box
Security Operations Center Overview
24/7 Security Operations Monitoring

At the heart of this is the powerful Event Framework which recognizes and aggregates event data from various vendor devices such as Firewalls, IDS, IPS, Syslog, SNMP, Vulnerability Assessments, Antivirus Servers, Netflows, VPNs, Windows Events, SysLog, and more. Our SOC tools will supply you with detailed security alerts, vital reports for investigations and regulatory compliance, digital forensics tools, and eDiscovery when necessary. Our intuitive design is both easy to use and offers you mission-critical security tools at an affordable price.

A RECOGNIZED LEADER

Terremark Worldwide, Inc. (NASDAQ:TMRK) is a leading global provider of IT infrastructure services delivered on the industry’s most robust and advanced operations platform, leveraging data centers in the United States, Europe and Latin America and access to massive and diverse network connectivity.

Terremark delivers government and enterprise customers a comprehensive suite of managed solutions including hosting, colocation, connectivity and security services.

Terremark is placed in the Leaders Quadrant of the Gartner Magic Quadrant for North American Web Hosting, 2008.