

# Hillstone Security Management Platform

HSM-500-D4 / HSM-50 / vHSM



Hillstone's Security Manager enhances network security by allowing businesses to segment their networks into multiple virtual domains. Domains can be based on geography, business unit or security function. It provides the versatility needed to manage Hillstone's infrastructure while simplifying configuration, accelerating deployment cycles, and reducing management overhead.

## Product Highlights

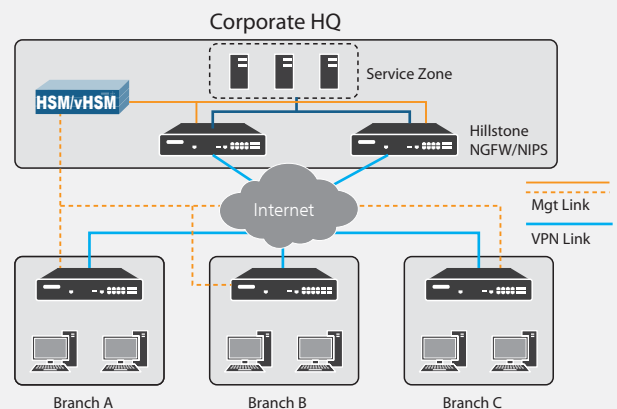
### Multi-Domain Security

Most companies face security challenges when their business spans offices located in several regions or countries. Multiple security gateways, multiple sites requiring different security policies and multiple administrators can quickly create a complex security environment. Organizations need the tools to manage global security policies while allowing regional administrators to manage devices and users in their geographic location or business division. Hillstone's Security Manager allows the primary administrator to segment security management into multiple virtual domains. It provides the security, visibility, and control required by organizations while reducing management costs, simplifying configuration, and accelerating deployment cycles.

### Simplified Provisioning and Management

Hillstone's Multi-Domain Security Management simplifies the provisioning of new devices. It allows a primary administrator

to create groups of devices for other administrators to monitor and manage. The primary administrator can download global policies, security updates, and policy updates, while local administrators provide policies for local devices, users, and groups. Administrator also can lock the using rules and object configuration to improve the security and reliability of device configuration.



## Key Features

### Domain Based Management

- Segregate networks into multiple virtual domains based on location, business unit or security function
- Define global security policy templates and assign them to virtual domains
- Multiple global security policies may be created
- Virtual domains share global security policies and generate separate policies for specific users/groups and devices
- Shared objects can be assigned and used across domains

### Role-based Administration

- Administrators assigned to specific domains and devices
- Hierarchical role-based management (administrator, operator, auditor) inherit different privileges
- Multiple administrators can work on separate domains simultaneously

### Centralized Management

- Single security console manages multiple domains
- Graphical interface to view, create and manage all domains
- Create groups of devices for administrators to manage
- Assign global policies to multiple management domains
- Create role based administrators to manage policies and devices
- Device registration supported by IP, domain name or template
- Detect redundant policies, useless objects, and policy hits
- Create policy snapshots and rollback policies
- Centralized management of route, NAT and security policies
- Centralized management of IPS/AV/SLB/URL/iQoS policy
- Centralized management of firewall password
- AAA Server, user, role configuration management
- Supports virtual appliance management

### Centralized Monitoring

- Monitor all multi-domain system components including Hillstone NGFW, NIPS and CloudEdge from a central location
- Monitor device availability including CPU, memory, concurrent sessions, and traffic from each domain
- Monitor VPN topography graphs for each registered device
- View network status and VPN link alerts
- Monitor security events from each domain including IP, URLs, applications, and threats
- View trends for device traffic, user traffic, application traffic
- Monitor license status for devices
- View Top 10 Threats, and Top 10 URLs accessed, last 1 hour threat stats, last 1 hour alarm stats

### Log Management

- Logs produced for device traffic, system resource utilization, security events, data security, application usage and device upgrade
- Logs may be filtered by device
- Logs produced for HSM system
- Logs can be exported for historical log queries and backups
- Support log forwarding to third-party syslog server

### Configuration Management

- Device IP, domain name, and template registration
- Device software version number
- Device configuration file comparison
- Configuration file backup and recovery
- Support to lock configuration file of device
- IPS, APP, AV, URL signature upgrade configuration centralized management
- Support Firewall HA, including HA cluster management for Hillstone firewalls in Active-Passive/Active-Active/Active-Peer modes, HA groups relationship and status display

### System management

- Time zone configuration, support for daylight saving time
- HSM file system automatically fix
- Configuration synchronization prompt
- HSM system password protection

### High Availability

- Support HSM HA deployment, Master/Slave roles
- Preemption mode
- Monitor/Log Synchronization
- Automatic Synchronizing and Manual Synchronizing
- Master/Slave Switchover Alarm

### Distributed Deployment

- Standalone/Master/Slave modes
- Register up to 16 slave devices on one master device
- Memory alarm, CPU alarm, disk alarm, and slave device offline alarm display on master device

### Centralized Reporting

- More than 30 built-in report templates
- Customized reporting
- Reports available in HTML and PDF format

### Alerts

- Multiple types of alerts including real-time and threshold-based alerts
- Device security event alerts
- vHSM do not support SMS Alert

### IPv6

- IPv6-compliant security policy, NAT, address book configuration & management
- IPv6 log collection and query
- IPv6 monitoring data collection and presentation

### Device Inspection

- Manual inspection, regular inspection, intelligent inspection
- Batch inspection

## Product Specification

### HSM Appliance Specification

Specification	HSM-500-D4	HSM-50
Log Performance	5000EPS	2500EPS
Devices Supported (Max.)	5/500	5/100
Storage Capacity	4T	2T
Fixed I/O Ports	2xGE	2xGE
RAID Levels	RAID 5	RAID 0
Power Supply	Single/dual 550W	Single 250W
Height	1U	1U

### Virtual Appliance (vHSM) Specification

Specification	15/25	15/100	15/500	15/1000
Log Performance	1000EPS	2000EPS	5000EPS	10000EPS
vCPU Requirement	4	8	18	24
Memory Requirement	4GB	16GB	32GB	64GB
Port Requirement	2 ports	2 ports	2 ports	2 ports
Hard Disk Requirement (Min.)	100GB	2T	4T	8T
Virtual Environment Requirement	Vmware Workstation/EXSi or KVM			