



MANAGEMENT AND REPORTING

Centralized policy management, monitoring and reporting

- **Unified policy management**
- **Comprehensive monitoring**
- **Custom reporting**
- **Reliable, secure and optimized architecture**
- **Intuitive management dashboard**

SonicWALL E-Class Universal Management Appliance (UMA) EM5000

The complexity of deploying and maintaining multiple network devices increases exponentially with the number of devices, end-users and office locations. Without central management tools, this administrative burden can quickly overwhelm IT staff. Similarly, for managed service providers, the number of staff increases proportionally to the number of customer networks under management. Without central automation tools, this demand on resources can keep firms from reaching economies of scale. To address these issues, internal and outsourced IT staff must deploy a variety of third-party products to manage, monitor and report on their infrastructure. An extensive amount of tools are available, both commercial and open source, to help IT administrators manage their networks. Most either address very specific needs, or provide very narrow functionality for a wide variety of network devices. As a result, a combination of standalone IT management tools and products are typically used. In many cases, these disparate products do not offer the desired level of interoperability, reliability and control across their networks.

The SonicWALL® E-Class Universal Management Appliance (UMA) EM5000 offers businesses a new approach to configuring, enforcing and managing a large number of SonicWALL security appliances, services and security policies. The EM5000 delivers granular policy management, monitoring and reporting functionality, yet is intuitive to use and easy to set up, enhancing efficiency, availability and return on investment (ROI). The EM5000 simplifies and automates multi-level policy management, monitoring and compliance reporting with flexible, powerful and intuitive tools, thereby reducing overhead and freeing resources for new revenue opportunities. Architected to be extensible by the addition of software applications, the UMA EM5000 is ideal for deployments scaling from a few to thousands of SonicWALL security appliances or services, in small-to-medium-sized businesses, large enterprises and managed service providers.

Features and Benefits

Unified policy management across SonicWALL network security appliances, VPNs and security services enforces granular controls from a single global platform, easing deployment and administration, and providing greater efficiency in meeting service level agreements (SLAs). Offline management capabilities include scheduled configurations and/or firmware updates on managed appliances, thus providing predictable service disruptions.

Comprehensive monitoring provides centralized logging and proactive analyses of network traffic, Web usage and security threats across a vast deployment. Devices and applications enabled for automated real-time alerts accelerate response and remediation time to network events or outages.

Custom reporting aids strategic analysis, assists in complying with regulations such as PCI, SOX and HIPAA, provides cohesive corporate branding, and enhances security subscription service offerings. The EM5000 provides graphical reports of firewall and network activities to provide insight into usage trends and security events from a single user or device to the global activity of the managed SonicWALL appliances.

Reliable, secure and optimized architecture is purpose-built for SonicWALL solutions to maximize security and performance. The hardened EM5000 appliance comes with a tuned operating system and database, and eliminates the operating expense of acquiring, configuring, and deploying on unproven general-purpose hardware. High availability across clustered failover sites assures reliable system uptime, and speeds disaster recovery operations.

Intuitive management dashboard simplifies licensing, and eases the centralized definition, control and deployment of up to thousands of appliances and custom security policies. The SonicWALL policy dashboard presents the largest and most comprehensive hierarchies of SonicWALL appliances in an easy-to-understand format, greatly simplifying navigation and decreasing time spent on remediation and system maintenance.

Specifications

SonicWALL E-Class Universal Management Appliance (UMA) EM5000



SonicWALL E-Class Universal Management Appliance (UMA) EM5000 with 10 Node GMS Reporting And Management Software License
01-SSC-7665

SonicWALL GMS 1 Node Software Upgrade
01-SSC-7662

SonicWALL GMS 5 Node Software Upgrade
01-SSC-3350

SonicWALL GMS 10 Node Software Upgrade
01-SSC-7664

SonicWALL GMS 25 Node Software Upgrade
01-SSC-3301

SonicWALL GMS 100 Node Software Upgrade
01-SSC-3303

SonicWALL GMS 250 Node Software Upgrade
01-SSC-3304

SonicWALL GMS 1000 Node Software Upgrade
01-SSC-3306

E-Class Support SKU's sold separately.

UMA EM5000	
System Capacity	
Recommended Maximum Management Capacity*	1,000 Nodes
Recommended Maximum Reporting Capacity*	2,000 Syslog Events per Minute
Recommended Maximum Monitoring Capacity*	200 SNMP or TCP/IP-enabled devices
GMS Node Licenses	10 Node License included with appliance; Additional Node Software Upgrades sold separately.
System Scalability Recommended*	
Device	Unrestricted number of UMA devices or GMS server-based clusters
Raw Syslog	Up to 90 days of raw data
Summarized Reports	Up to 12 months of summarized data
Operating System and Server Application Support	
Operating System	SonicLinux
Database Internal - Included	SonicWALL MySQL 5.0
Database External - Optional	SonicWALL MySQL 5.0, Microsoft SQL 2000 (SP4), Microsoft SQL 2005 (SP2)
SonicWALL GMS	5.1
Appliance Characteristics	
Form Factor	1U
RAID Support	RAID 5
Processor	Intel Core 2 Duo 2.13 GHz
RAM Included/Maximum	4 GB
Internal Hard Drives	4 Replaceable
Storage Capacity	
Disk Size, Type	750 GB, SATA
Total Capacity	2.25 TB (RAID 5)
Compact Flash	512 MB
Network Interface	2 GbE IEEE 802.3z or IEEE 802.3ab compliant
Serial Port	1 9-pin serial console port
USB 2.0	2 rear ports; 2 front ports
VGA Port	Yes
Power Supply	Internal 300W; 100-240 VAC, 50-60 Hz, 3 Amps
Fans	3 Internal
Technical Specifications	
Dimensions	
Width	19 in (48.3 cm)
Height	1.75 in (4.4 cm)
Depth	10.75 in (27.3 cm)
Weight	26.75 lbs (12.1kg)
Power	
AC Inputs	100-240V Full Range, 60-50 Hz
AC Power Consumption	125W typical, 144W max
Total Heat Dissipation	491 BTU max
Support and Warranty	
Hardware Warranty	1-year included with appliance
E-Class 24x7 Support	Sold separately; required purchase with appliance
Software Features	
Universal command center for policies, security and network management	Yes
High availability and load balancing services	Yes
Hardened and optimized operating system and database	Yes
Unified license manager	Yes
Global, group and node level logging	Yes
Integration to third-party authentication	Yes
Diagnostic tools	Yes
Ubiquitous access via Web interface	Yes
Role-based access and management	Yes
User-based reporting	Yes
Compliance reporting	Yes
Customizable reporting	Yes
Automated schedule reporting	Yes
SNMP support with built in MIB-walker	Yes
SNMP relay monitoring	Yes
Live monitoring, alerts and updates for firewalls and VPN services	Yes
Real-time syslog monitoring	Yes
Offline management	Yes
LDAP and Active Directory integration	Yes
Backed and approved by independent PCI auditor	Yes

*Performance may vary and depends on many factors including devices under management, policies set for each device and activity reported on.

For more information and deployment scenarios, visit www.sonicwall.com.

SonicWALL, Inc.

1143 Borregas Avenue
Sunnyvale CA 94089-1306

T +1 408.745.9600
F +1 408.745.9300

www.sonicwall.com

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