



## POLICY AND MANAGEMENT

## Centralized policy management, monitoring and reporting

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

### 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.

The SonicWALL® E-Class Universal Management Appliance (UMA) EM5000 offers businesses a new approach to configuring, enforcing and managing a large number of SonicWALL firewall, anti-spam, secure remote access, and backup and recovery appliances, services and 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 firewall, anti-spam, secure remote access, and backup and recovery appliances or services, in small-to-medium-sized businesses, large enterprises and managed service providers.

### Features and Benefits

**Unified policy management** across SonicWALL firewall, anti-spam, secure remote access, and backup and recovery appliances and 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 for SonicWALL firewall, secure remote access, and backup and recovery devices to provide insight into network and application 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 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.

**Rich integration options** include a Web services application programming interface (API), CLI support for the majority of functions, and SNMP trap support. Both services providers and enterprises can use any of these options to integrate GMS with their professional services automation, management and monitoring, and other enterprise applications.

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.



GMS Mobile is a free iPhone application used by GMS and UMA admins on the go to remotely log into their GMS or UMA system to see an overview of all the devices under management, check device status, and review UMA and GMS alerts as they come in.

| UMA EM5000  |   |
|---|---|
| <b>System Capacity</b>  |   |
| <b>Recommended Maximum Management Capacity*</b>   | 1000 Nodes per UMA; Multiple UMAs can be clustered to manage thousands of nodes.                  |
| <b>Recommended Maximum Reporting Capacity*</b>  | 15,000 Syslog Events per Minute   |
| <b>Recommended Maximum Monitoring Capacity*</b>   | 200 SNMP or TCP/IP-enabled devices  |
| <b>GMS Node Licenses</b>  | 10 Node License included with appliance; Additional Node Software Upgrades sold separately.       |
| <b>System Scalability Recommended*</b>  |   |
| <b>Device</b>   | Unrestricted number of UMA devices or GMS server-based clusters                                   |
| <b>Raw Syslog</b>   | Up to 90 days of raw data   |
| <b>Summarized Reports</b>   | Up to 12 months of summarized data  |
| <b>Operating System and Server Application Support</b>  |   |
| <b>Operating System</b>   | SonicLinux  |
| <b>Database Internal - Included</b>   | SonicWALL MySQL 5.0   |
| <b>Database External - Optional</b>   | SonicWALL MySQL 5.0, Microsoft SQL 2000 (SP4), Microsoft SQL 2005 (SP2), Microsoft SQL 2008 (SP1) |
| <b>SonicWALL GMS</b>  | 6.0   |
| <b>Appliance Characteristics</b>  |   |
| <b>Form Factor</b>  | 1U  |
| <b>RAID Support</b>   | RAID 5  |
| <b>Processor</b>  | Intel Core 2 Duo 2.13 GHz   |
| <b>RAM Included/Maximum</b>   | 4 GB  |
| <b>Internal Hard Drives</b>   | 4 Replaceable   |
| <b>Storage Capacity</b>   |   |
| Disk Size, Type   | 750 GB, SATA  |
| Total Capacity  | 2.25 TB (RAID 5)  |
| Compact Flash   | 512 MB  |
| <b>Network Interface</b>  | 2 GbE IEEE 802.3z or IEEE 802.3ab compliant   |
| <b>Serial Port</b>  | 1 9-pin serial console port   |
| <b>USB 2.0</b>  | 2 rear ports; 2 front ports   |
| <b>VGA Port</b>   | Yes   |
| <b>Power Supply</b>   | Internal 300W; 100-240 VAC, 50-60 Hz, 3 Amps  |
| <b>Fans</b>   | 3 Internal  |
| <b>Technical Specifications</b>   |   |
| <b>Dimensions</b>   |   |
| Width   | 19 in (48.3 cm)   |
| Height  | 1.75 in (4.4 cm)  |
| Depth   | 10.75 in (27.3 cm)  |
| <b>Weight</b>   | 26.75 lbs (12.1kg)  |
| <b>Power</b>  |   |
| AC Inputs   | 100-240V Full Range, 60-50 Hz   |
| AC Power Consumption  | 125W typical, 144W max  |
| Total Heat Dissipation  | 491 BTU max   |
| <b>Support and Warranty</b>   |   |
| <b>Hardware Warranty</b>  | 1-year included with appliance  |
| <b>E-Class 24x7 Support</b>   | Sold separately; required purchase with appliance   |
| <b>Software Features</b>  |   |
| Management of CDP/backup and recovery, Email Security/anti-spam, Network Security/firewall, Secure Remote Access/SSL VPN appliances | Yes   |
| Define policy templates at the group level  | Yes   |
| Policy replication from a device to group of devices  | Yes   |
| Policy replication from group level to a single device  | Yes   |
| Web services application programming interface (API)  | Yes   |
| Reporting for Network Security/Firewall, CDP/Backup and Recovery, Secure Remote Access/SSL VPN Appliances                           | Yes   |
| 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 SonicWALL appliances and services   | Yes   |
| Live syslog monitoring and alerting   | 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](http://www.sonicwall.com).



SonicWALL's line-up of dynamic security solutions



NETWORK SECURITY



SECURE REMOTE ACCESS



WEB AND E-MAIL SECURITY



BACKUP AND RECOVERY



POLICY AND MANAGEMENT

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