

# E-Class UMA EM5000

Centralized policy management, monitoring and reporting

## Dell 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 Dell™ SonicWALL™ E-Class Universal Management Appliance (UMA) EM5000 offers businesses a new approach to configuring, enforcing and managing a large number of Dell SonicWALL firewall, anti-spam, secure

remote access, and backup and recovery appliances, services and policies. The UMA 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 UMA 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 Dell 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.



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

## Features and benefits

**Unified policy management** across Dell 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 UMA EM5000 provides highly customizable graphical reports for Dell 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 Dell SonicWALL appliances.

**Reliable, secure and optimized architecture** is purpose-built for Dell SonicWALL solutions to maximize security and performance. The hardened UMA 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 Dell SonicWALL policy dashboard presents the largest and most comprehensive hierarchies of Dell SonicWALL appliances in an easy-to-understand format, greatly simplifying navigation and decreasing time spent on remediation and system maintenance. The universal dashboard features customizable widgets, geographic maps, and user-centric reporting.

**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 Dell SonicWALL Global Management System (GMS®) with their professional services automation, management and monitoring, and other enterprise applications.

# Specifications

System capacity	
Recommended maximum management capacity*	1000 Nodes per UMA; Multiple UMAs can be clustered to manage thousands of nodes.
Recommended maximum reporting capacity*	15,000 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	Dell SonicWALL MySQL 5.0
Database external - optional	Dell SonicWALL MySQL 5.0, Microsoft SQL 2005 (SP2), Microsoft SQL 2008 (SP1)
Dell SonicWALL GMS	6.0
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	
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 with extensive drill-down capabilities	Yes
Automated scheduled reporting	Yes
SNMP support with built in MIB-walker	Yes
SNMP relay monitoring	Yes
Live monitoring, alerts and updates for Dell 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.



## Dell SonicWALL E-Class Universal Management Appliance (UMA) EM5000

Dell SonicWALL E-Class Universal Management Appliance (UMA) Em5000 with 10 Node Gms Reporting And Management Software License 01-SSC-7665

Dell SonicWALL GMS 1 Node Software Upgrade 01-SSC-7662

Dell SonicWALL GMS 5 Node Software Upgrade 01-SSC-3350

Dell SonicWALL GMS 10 Node Software Upgrade 01-SSC-7664

Dell SonicWALL GMS 25 Node Software Upgrade 01-SSC-3301

Dell SonicWALL GMS 100 Node Software Upgrade 01-SSC-3303

Dell SonicWALL GMS 250 Node Software Upgrade 01-SSC-3304

Dell SonicWALL GMS 1000 Node Software Upgrade 01-SSC-3306

E-Class Support SKU's sold separately.

GMS Mobile is a free Apple® iPhone® application (currently available as beta software) used by GMS admins on the go to remotely log into their GMS system to see an overview of all the devices under management, check device status, and review GMS alerts as they come in.



For more information and deployment scenarios, visit [www.sonicwall.com](http://www.sonicwall.com).