

# SonicWALL Virtual Appliance Solution Brief

VIRTUALIZATION

Powerful, Dynamic and Efficient Virtual Security Solutions

## Overview

SonicWALL's Virtual Appliances bring together the cost and management advantages of virtualization plus the security of hardened appliance OS to offer improved choice and flexibility for SMBs, enterprises, and Managed Service Providers (MSPs). SonicWALL Virtual Appliances enable the enterprise to fully capitalize on security solutions while channel partners can deliver virtualized solutions and related benefits to their customers.

In mid-to-large enterprise, distributed or service provider environments, a "one-application-per-server" model can under-utilize hardware resources and overburden server administrators. Organizations can overcome these limitations by employing virtualization to consolidate multiple virtual appliances onto a single physical server or a server cluster. Additionally, virtualization enables organizations to allocate additional computing resources to the virtual machine cluster as required.

Managed service providers (MSPs) can also deploy SonicWALL Virtual Appliances at their network operations center to offer private cloud offerings to their customers. As such, SonicWALL Virtual Appliances enable MSPs to increase their competitive edge and pass along the cost benefits of virtualization to their small- to medium-sized business (SMB) customers. SonicWALL is leading the industry in providing affordable virtualized security services to the SMB marketplace.

## Features and Benefits

### The Best of Both Worlds:

- **Reduced complexity** through virtualization simplifies solution selection, integration and ongoing support
- **Easy migration** minimizes deployment costs by allowing administrators to simply move a snapshot of a virtual environment to new physical server infrastructure
- **Resource consolidation** reduces costs by running multiple operating systems and applications on a single computer
- **Hardware consolidation** reduces capital expenditures, requires less administration and increases energy efficiency
- **Hardened SonicLinux OS** prohibits users from tampering with the underlying integrity of the virtual appliances
- **Performance-optimized architecture** activates only necessary processes
- **Pre-configured virtual machine** has no professional service fees and no hidden costs

### Ideal for SMBs and Enterprises

- **Significant savings for mid-to-large and distributed enterprises** are achieved through economies-of-scale, for lower TCO
- **Virtualized security for SMBs** can now be delivered as an efficient and affordable cloud-based service or as a virtual environment on the private LAN

### Ideal for MSPs

- **Improved MSP competitiveness** is achieved by increasing the efficiency and profitability via offering cloud-based services and easily spinning off new deployments with minimal incremental investment
- **An ideal delivery system for resellers**, SonicWALL Virtual Appliances can help avoid hardware customs and duties, and streamline "try before you buy" promotions



SonicWALL Global Management System (GMS) Virtual Appliance, SonicWALL ViewPoint Virtual Appliance, and SonicWALL Email Security Virtual Appliance are the first in the series of SonicWALL Virtual Appliance solutions to deliver greater performance and economic efficiency. Both SonicWALL GMS and ViewPoint Virtual Appliances include a software appliance that has already been pre-installed and pre-configured for VMware® environments, and allows the secure and easy deployment of either GMS or ViewPoint within a virtual environment.

### **SonicWALL Global Management System Virtual Appliance**

The SonicWALL Global Management System (GMS™), which can be deployed as software, hardware or a virtual appliance, provides organizations, distributed enterprises and service providers with a powerful and intuitive solution to centrally manage and rapidly deploy SonicWALL firewall, anti-spam, backup and recovery, and secure remote access solutions. SonicWALL GMS also provides centralized real-time monitoring, and comprehensive policy and compliance reporting. For enterprise customers, SonicWALL GMS streamlines security policy management and appliance deployment, minimizing administration overhead. For Service Providers, SonicWALL GMS simplifies the security management of multiple clients and creates additional revenue opportunities. A GMS system can use clustering for redundancy and scalability. A GMS Virtual Appliance can work alongside other software and appliance agents to form one logical system at the application level.

### **SonicWALL ViewPoint Virtual Appliance**

The SonicWALL ViewPoint™ Virtual Appliance is an easy-to-use Web-based reporting tool that provides administrators with instant insight into the health of their network including both performance and security. ViewPoint helps organizations recognize suspicious activity and enhance employee productivity by providing summaries of network attacks and reports on user behavior that identify time-wasting and bandwidth-intensive activities. Aggregate reports for all firewalls on the network allow organizations to understand their Internet bandwidth usage and plan for future capacity needs. ViewPoint allows multiple administrators to log in and view firewall activity reports.

### **SonicWALL Email Security Virtual Appliance**

The SonicWALL Email Security Virtual Appliance is ideal for providing hardened high-performance email security, either internally for medium-

to large-size enterprises or externally for the customers of managed service providers. SonicWALL Email Security is a market-leading Email Security/Anti-Spam solution that is brutally effective, highly scalable and easy to manage, thereby increasing the productivity of the IT administrator and significantly enabling service provider business. Unlike difficult-to-manage competitive products that do not scale, SonicWALL Email Security is a high-performance, high capacity, highly scalable solution that is powerful yet easy to manage, and can be deployed as either hardware, software, or a virtual appliance.

#### **SonicWALL's line-up of comprehensive protection**



NETWORK  
SECURITY



SECURE  
REMOTE ACCESS



WEB AND E-MAIL  
SECURITY



BACKUP  
AND RECOVERY



POLICY AND  
MANAGEMENT

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