

# SonicWALL Clean Wireless Solution Brief

CLEAN WIRELESS

Adding security, performance and manageability to wireless deployments

## Overview

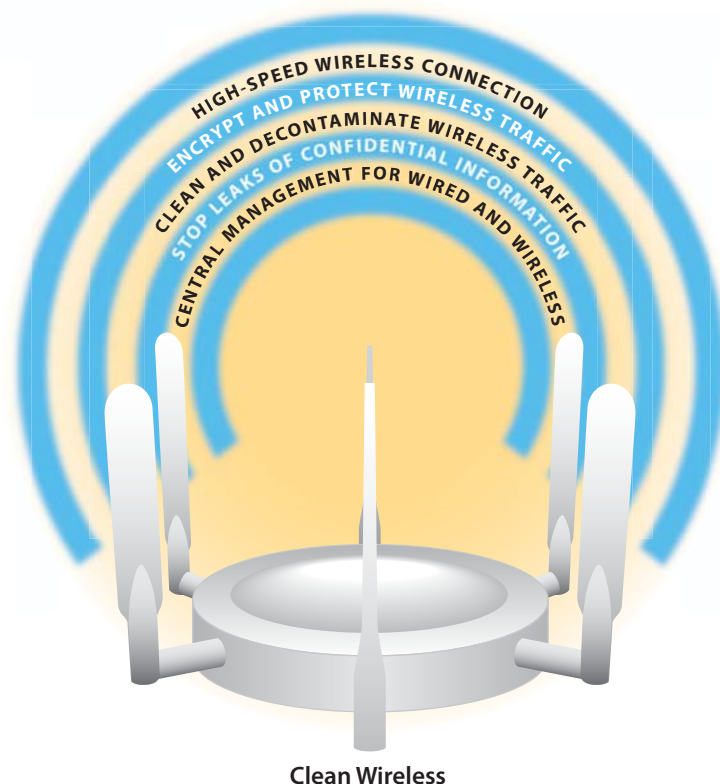
Wireless Local Area Networks (WLANs) offer the flexibility to work from more locations, while they boost productivity for employees, onsite partners, contractors, and guests, they introduce many potential security concerns. SonicWALL® Clean Wireless™ can alleviate these concerns and extend your business network without jeopardizing its integrity.

With wireless networking shifting from a convenience to being an integral part of networking infrastructure, security for wireless networks has to be on par with that of wired networks protected by deep packet inspection. Additionally, wireless performance must support latency-sensitive applications such as Voice over IP (VoIP) to guarantee adequate quality of service (QoS) levels.

In order to establish tighter wireless security, IT has often supplemented existing WPA2 or WIDS/WIPS deployments by adding a separate firewall, VPN, intrusion prevention services (IPS), Next-Generation Firewall or multi-function firewall appliance behind the Wireless Access Switch/Controller (WAC), thus introducing additional hardware costs. By combining Wireless Access Switch/Controller (WAC) and deep packet inspection on a single device, IT administrators can achieve a lower total cost of ownership (TCO) and greater return on investment (ROI). Ideally, this solution also should simplify not only deployment, but the ongoing management as well.

## SonicWALL Clean Wireless

The SonicWALL Clean Wireless solution goes beyond mere wireless encryption technologies for security, and makes wireless networks as secure as wired networks using deep packet inspection. SonicWALL Clean Wireless delivers innovative dual protection that is required to: (1) encrypt and protect wireless traffic on the 802.11 a/b/g/n wireless networks; and (2) clean the traffic and protect the wireless network using high-speed Reassembly-Free Deep Packet Inspection™ (RFDPI) to deliver comprehensive protection from viruses, spyware and other attacks. The dual protection of the SonicWALL Clean Wireless secures the wireless connection and encrypts and decontaminates wireless traffic, so you never have to settle for one-dimensional secure wireless networks providing traffic encryption only.



**SONICWALL**®

DYNAMIC SECURITY FOR THE GLOBAL NETWORK™

## Features and Benefits

The SonicWALL Clean Wireless solution provides further protection by applying RFDPI to wireless traffic for added security in addition to the regular wireless encryption protocols.

- The innovative dual protection delivering both (1) encryption of the wireless traffic and (2) maximum security for the wireless traffic itself through intrusion prevention and traffic sanitization
- The performance of integrated high-speed 802.11n technology on its Clean Wireless platform for all SonicWALL SuperMassive™ E10000 Series, E-Class Network Security Appliance (NSA) Series, NSA Series and TZ Series firewalls
- SonicWALL SonicPoint-N Series (SonicPoint-Ni Dual-Band, SonicPoint-Ne Dual-Band, and SonicPoint-N Dual-Radio) wireless access points reduce maintenance overhead by being fully managed by the firewalls—including auto-detection, auto-provisioning and auto-updates. Additionally, SonicWALL PoE Injectors ease complex deployments by providing power over Ethernet to the SonicPoint-N Series wireless access points
- Minimizing TCO and complexity by enabling central management of both wired and wireless networks from a single SonicWALL firewall, without the added costs of multiple wireless controllers and security appliances
- For locations such as hospitals and small offices that require fast, secure wireless access and discreet deployment, SonicWALL SonicPoint-N Series of wireless access points provide dimmable LEDs (except power) and a plastic cover (included) that can obscure both the logo and LEDs for a completely discreet deployment
- SonicPoint-N Series wireless access points can be configured to guarantee a minimum amount of bandwidth to each wireless client in order to prevent disproportionate bandwidth consumption by a single user

## SonicWALL E-Class SuperMassive E10000, E-Class NSA, NSA and TZ Series

SonicWALL network security solutions deployable as either a Next-Generation Firewall or Unified Threat Management Firewall incorporate multiple security technologies in a single platform to provide high-speed threat protection, reliable communications, low total cost of ownership and flexible connectivity options. SonicOS provides central management of both the wired and wireless network while also automatically detecting and configuring SonicPoint-N Series wireless access points as they are added to the network.

## SonicWALL SonicPoint-N Series Wireless Access Points

SonicWALL SonicPoint-N Series wireless access points provide secure wireless LAN connectivity to wireless users on the network, with support for the IEEE 802.11a/b/g/n standards and features such as wireless intrusion detection services (WIDS), wireless firewalling, Virtual Access Points (VAP), secure wireless roaming, integrated Wireless Guest Services (WGS), and multiple-input multiple-out (MIMO) technology. SonicPoint-N Series wireless access points are based on the IEEE 802.11n standard, offering faster wireless data rates, voice and video application performance, while providing deployment flexibility and the ability to be centrally managed.

## SonicWALL Power over Ethernet (PoE) Injector

SonicPoint-N Series wireless access points require no pre-configuration and are ceiling and wall mountable. They can receive power from a SonicWALL Power over Ethernet (PoE) Injector or third party device.\* The SonicWALL PoE Injector detects the presence of PoE-compatible devices and “injects” the appropriate power into the data cable.

\* SonicPoint-Ni Dual-Band and SonicPoint-Ne Dual-Band require IEEE 802.3af PoE; SonicPoint-N Dual-Radio requires IEEE 802.3at PoE. SonicPoint-N Dual-Radio and SonicPoint-Ne Dual-Band access points can also be powered directly through an AC adapter.

### 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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