

# Malware Prevention

Comprehensive, scalable, automated threat protection

Malware infections are costly, time-consuming and disruptive. Yet malware is everywhere; seemingly safe websites and email attachments can infect end users, corrupt data and disrupt network communication. And because consumers are fearful of having their private data stolen, the mere perception that a company might be vulnerable to these threats can erode consumer confidence and cause considerable loss of business.

Yet in order to combat malware effectively, organizations must be able to safeguard their networks from complicated and continuously evolving threats because — every day — cybercriminals are developing new and more sophisticated malware.

Comprehensive, up-to-date malware prevention is needed — which is exactly what SonicWall delivers. The SonicWall in-house threat research team has access to information collected from one-million connected sensors deployed around the

world providing a critical advantage in malware analysis and countermeasure creation. In 2014, the SonicWall Threat Research Team received roughly 100,000 new malware samples every day.

Businesses can benefit from the expertise of the SonicWall Threat Research Team by subscribing to the SonicWall Malware Prevention service, a cost-effective, comprehensive threat protection service that stops APTs, RATs, viruses, key loggers, spyware and other nasty things from entering networks. The service is available by annual subscription and works with SonicWall TZ, NSA and SuperMassive series next-generation firewalls.

And because SonicWall is an industry leader in developing malware countermeasures that are highly-effective, low-maintenance, automated and scalable, the service ensures that networks are protected against emerging threats 24 hours a day, 365 days a year.

SonicWall service provides protection from Trojans, Viruses, keyloggers, and other nasty things regardless of file size, port, or protocol used.

## Benefits:

- Highly rated, comprehensive malware prevention
- Provides complete and continuously updated network-based malware prevention
- Simplified deployment and management of security across a distributed network
- Scalable to secure any size network



## IPS Service bundle options

The SonicWall Malware Prevention service is available as an annual subscription.

## System requirements

Malware prevention is available with the following SonicWall firewalls:

TZ 105 / TZ 105W

TZ 205 / TZ 205W

TZ 215 / TZ 215W

NSA 220 / NSA 220W

NSA 250M / NSA 250MW

NSA 2600

NSA 3600

NSA 4600

NSA 5600

NSA 6600

SuperMassive 9200

SuperMassive 9400

SuperMassive 9600

SuperMassive 9800

SuperMassive E10200

SuperMassive E10400

SuperMassive E10800

## Features

**Bi-directional, full-stack inspection** — Comprehensive in-bound and out-bound inspection protects IPv4 and IPv6 networks through a patented, reassembly-free deep packet inspection engine with no file size limitations.

**Multi-protocols inspection** — Support for numerous protocols, including TCP, HTTP, FTP, IMAP, SMTP, POP3, SMB, SMB2 and NetBIOS.

**Compression algorithm inspection** — Supports on-the-fly inspection for numerous compression algorithms, including Deflate, Zip, gzip, bzip2, LZH, gz, CAB, tar, tar.gz, tar.Z, tar.bz2 and Base64 encoding.

**Botnet Filtering** — Identifies and blocks command and control traffic coming from hosts that may have become infected while outside the company firewall.



*In 2014, SonicWall earned a 'Recommend' rating from NSS Labs in Next-Generation Firewall and Intrusion Prevention System group testing.*

**CloudAV™** — Provides a second layer of defense for downloaded executable files with over 16 million malware countermeasures updated 24x7x365.

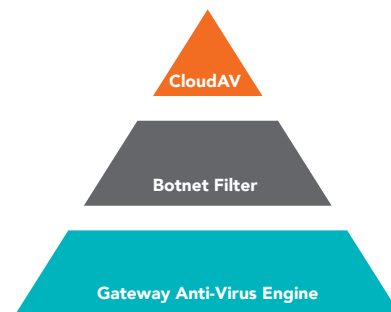
**Integrated RBL Filtering** — Delivers easy and effective spam prevention.

**VPN traffic inspection** — Scans and inspects all VPN traffic for malware and blocks malicious traffic.

**Zone-based protection** — Delivers protection for all network interfaces through a flexible, object-based policy engine that enables quick and easy inspection for specific systems, users, groups, hosts or networks.

**Comprehensive Analytics** — Enables logging, on-box reporting and administrator notification capabilities.

**Customized Malware Prevention Templates** — Provides off-box IPFIX exporting for long-term analytics reporting.



*SonicWall Malware Prevention provides multiple layers of protection against advanced threats.*



SonicWall NGFW and UTM appliances are certified by ICSA Labs for Gateway Anti-Virus

- SonicWall is one of only three network security appliance vendors to earn this certification.

\*As of March 2014

## Did you know?

- SonicWall participates in monthly testing to validate that our countermeasures are always up to date

SonicWall appliance	Malware Prevention throughput	Maximum inspected connections	New connections per second
TZ 105 / TZ 105W	40 Mbps	8,000	1,000
TZ 205 / TZ 205W	60 Mbps	12,000	1,500
TZ 215 / TZ 215W	70 Mbps	32,000	1,800
NSA 220 / NSA 220W	115 Mbps	32,000	2,200
NSA 250M / NSA 250MW	140 Mbps	64,000	3,000
NSA 2600	400 Mbps	125,000	15,000
NSA 3600	600 Mbps	175,000	20,000
NSA 4600	1.1 Gbps	200,000	40,000
NSA 5600	1.7 Gbps	375,000	60,000
NSA 6600	3.0 Gbps	500,000	90,000
SuperMassive 9200	3.5 Gbps	1,000,000	100,000
SuperMassive 9400	4.5 Gbps	1,000,000	130,000
SuperMassive 9600	5.0 Gbps	1,250,000	130,000
SuperMassive 9800	10 Gbps	2,500,000	280,000
SuperMassive E10200	3.0 Gbps	2,500,000	160,000
SuperMassive E10400	6.0 Gbps	5,000,000	320,000
SuperMassive E10800	12.0 Gbps	10,000,000	640,000



SuperMassive Series



Network Security Appliance Series



TZ Series

## System requirements

The Malware Prevention service is available with the following SonicWall firewalls:

	Gateway Anti-Malware, IPS and App Control (1-year)	Gateway Anti-Malware, IPS and App Control (2-year)	Gateway Anti-Malware, IPS and App Control (3-year)	Comprehensive Gateway Security Services (1-year)	Comprehensive Gateway Security Services (2-year)	Comprehensive Gateway Security Services (3-year)
TZ 105 / TZ 105W	01-SSC-4844	01-SSC-4845	01-SSC-4846	01-SSC-4877	01-SSC-4878	01-SSC-4879
TZ 205 / TZ 205W	01-SSC-4799	01-SSC-4800	01-SSC-4801	01-SSC-4838	01-SSC-4839	01-SSC-4840
TZ 215 / TZ 215W	01-SSC-4757	01-SSC-4758	01-SSC-4759	01-SSC-4793	01-SSC-4794	01-SSC-4795
NSA 220 / NSA 220W	01-SSC-4612	01-SSC-4613	01-SSC-4614	01-SSC-4648	01-SSC-4649	01-SSC-4650
NSA 250M / NSA 250MW	01-SSC-4570	01-SSC-4571	01-SSC-457	01-SSC-4606	01-SSC-4607	01-SSC-4608
NSA 2600	01-SSC-4459	01-SSC-4460	01-SSC-4461	01-SSC-4453	01-SSC-4454	01-SSC-4455
NSA 3600	01-SSC-4435	01-SSC-4436	01-SSC-4437	01-SSC-4429	01-SSC-4430	01-SSC-4431
NSA 4600	01-SSC-4411	01-SSC-4412	01-SSC-4413	01-SSC-4405	01-SSC-4406	01-SSC-4407
NSA 5600	01-SSC-4240	01-SSC-4241	01-SSC-4242	01-SSC-4234	01-SSC-4235	01-SSC-4236
NSA 6600	01-SSC-4216	01-SSC-4217	01-SSC-4218	01-SSC-4210	01-SSC-4211	01-SSC-4212
SuperMassive 9200	01-SSC-4202	01-SSC-4203	01-SSC-4204	01-SSC-4172	01-SSC-4173	01-SSC-4174
SuperMassive 9400	01-SSC-4166	01-SSC-4167	01-SSC-4168	01-SSC-4136	01-SSC-4137	01-SSC-4138
SuperMassive 9600	01-SSC-4130	01-SSC-4131	01-SSC-4132	01-SSC-4100	01-SSC-4101	01-SSC-4102
SuperMassive 9800	01-SSC-0839	01-SSC-0840	01-SSC-0841	01-SSC-0809	01-SSC-0810	01-SSC-0811
SuperMassive E10200	01-SSC-9527	01-SSC-9528	01-SSC-9529	01-SSC-9533	01-SSC-9534	01-SSC-9535
SuperMassive E10400	01-SSC-9545	01-SSC-9546	01-SSC-9547	01-SSC-9551	01-SSC-9552	01-SSC-9553
SuperMassive E10800	01-SSC-9563	01-SSC-9564	01-SSC-9565	01-SSC-9569	01-SSC-9570	01-SSC-9571

	Gateway Anti-Malware, IPS and App Control	Comprehensive Gateway Security Suite	Total Secure Bundle
Intrusion Prevention	Yes	Yes	Yes
Malware Prevention	Yes	Yes	Yes
Application Control*	Yes	Yes	Yes
Content Filtering		Yes	Yes
24x7 Technical Support		Yes	Yes
NGFW Hardware Appliance			Yes

\*Application Control is not available on TZ105 or TZ205

SSL Inspection service – TZ Series: not available; NSA Series: one-time license; SuperMassive Series: included with subscription

Malware Prevention is also available for the following SonicWall Next-Generation and Unified Threat Management Firewalls:		
• TZ 100	• NSA 2400MX	• NSA E6500
• TZ 200	• NSA 3500	• NSA E7500
• TZ 210	• NSA 4500	• NSA E8500
• NSA 240	• NSA 5000	• NSA E8510
• NSA 2400	• NSA E5500	

## About Us

Over a 25 year history, SonicWall has been the industry's trusted security partner. From network security to access security to email security, SonicWall has continuously evolved its product portfolio, enabling organizations to innovate, accelerate and grow. With over a million security devices in almost 200 countries and territories worldwide, SonicWall enables its customers to confidently say yes to the future.