#### 

# SonicWALL NSA Series

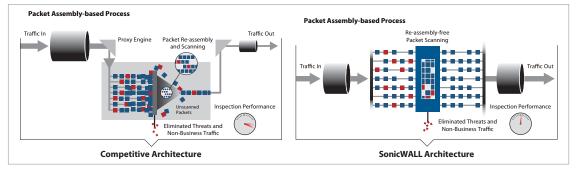
# 뛰어난 확장성

강화된 성능

## 차세대 방화벽

## 확장성: 특허 기술 (RFDPI)

미국특허 7,310,815 - A method and apparatus for data stream analysis and blocking. 실시간과 지연에 민감한 어플리케이션들 및 트래픽에 대한 정밀검사



#### Re-Assembly Free Inspection

#### Technology

메모리에 데이터 복사없이
 트래픽상의 파일 및 컨텐츠 검사
 패킹 도착 스너에 관계억이 처리

SonicWALL

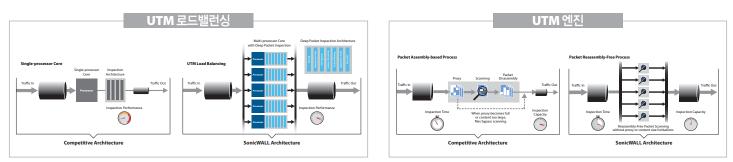
■ 패킷 도착 순서에 관계없이 처리

## Benefit

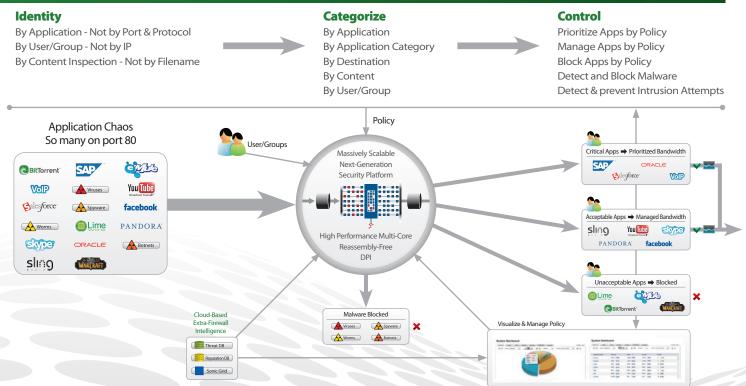
- 지연 감소
   실시간 스캐닝이 우수함
- 메모리 용량 부족에 의한
   파일 크기 및 세션 제한이 없음.

## 강화된 성능 – "Multi-core"

차세대 멀티코어 기술 : 입력되는 네트워크 트래픽은 할당된 보안 멀티 코어 프로세서에 의해서 부하가 분산됨



## **Next-Generation Firewall**





Certifications



**NSA 250M** 



**NSA 220** 

NSA 220/W	NSA 250M/W	NSA 2400	NSA 3500	NSA 4500
SonicO	S 5.8.1.1	Sonic	DS Enhanced 5.6 (or l	higher)
600 Mbps	750 Mbps	775 Mbps		2.75 Gbps
115 Mbps	140 Mbps	160 Mbps	350 Mbps	690 Mbps
195 Mbps	250 Mbps	275 Mbps	750 Mbps	1.4 Gbps
110 Mbps	130 Mbps	150 Mbps	240 Mbps	600 Mbps
180 Mbps	210 Mbps	235 Mbps	580 Mbps	700 Mbps
85,000	110,000	225,000	325,000	500,000
32,000	64,000	125,000	175,000	250,000
2,200	3,000	4,000	7,000	10,000
		Unrestricted		
	22 classes of	DoS, DDoS and scar	ning attacks	
16	24	32	48	64
150 Mb	200 Mbps	300 Mbps	625 Mbps	1.0 Gbp
				25/50 <sup>4</sup>
2 (25)	2 (25)	10 (250)		2 (25)
,	. ,			2 (15)
				1 30-day Trial (5
				· · · ·
1				
Microsoft® V	Vindows 2000 Window		ta 32/64-bit Window	/s 7 32/64-bit
IVIICIOSOIC V				
Gateway Anti-Vir	rus, Anti-Spyware, Intru	usion Prevention and	d Application Intellig	ence and Control
b	andwidth manageme	ent on filtering cateo	gories, allow/forbid lis	
b				
b		IcAfee® or Kaspersky		
b				
Applicat	N ion bandwidth manag	IcAfee® or Kaspersky Supported gement and control	, prioritize or block ap	oplication
Applicat ł	N ion bandwidth manac by signatures, control f	IcAfee® or Kaspersky Supported gement and control ile transfers, scan for	, prioritize or block ap	oplication
Applicat t Provides the ability	ion bandwidth manac by signatures, control f	IcAfee® or Kaspersky Supported gement and control ile transfers, scan for ic transparently, sca	, prioritize or block ap r key words or phrase n this traffic for threa	pplication 25 ts using SonicWAI
Applicat ł Provides the ability Deep Packet Inspe	ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA	IcAfee® or Kaspersky Supported gement and control, ile transfers, scan for ic transparently, sca V/AS/IPS/ Applicatic	, prioritize or block ap key words or phrase n this traffic for threa n Intelligence/CFS), i	pplication 25 ts using SonicWAI then re-encrypt th
Applicat ł Provides the ability Deep Packet Inspe	M ion bandwidth manac yy signatures, control f to decrypt HTTPS traff ction technology (GA ) its destination if no t	IcAfee® or Kaspersky Supported gement and control, ile transfers, scan for ic transparently, sca V/AS/IPS/ Applicatic	, prioritize or block ap key words or phrase n this traffic for threa n Intelligence/CFS), i	pplication 25 ts using SonicWAL then re-encrypt th
Applicat ł Provides the ability Deep Packet Inspe	M ion bandwidth manac yy signatures, control f to decrypt HTTPS traff ction technology (GA ) its destination if no t	Supported Supported gement and control ile transfers, scan for ic transparently, sca V/AS/IPS/ Applicatic meats or vulnerabilit	, prioritize or block ap key words or phrase n this traffic for threa n Intelligence/CFS), i	pplication 25 ts using SonicWAL then re-encrypt th
Applicat t Provides the ability Deep Packet Inspe traffic and send it to	ion bandwidth manac y signatures, control f to decrypt HTTPS traff ction technology (GA) o its destination if no tl	ccAfee® or Kaspersky Supported gement and control ile transfers, scan for ic transparently, sca //AS/IPS/ Applicatic rreats or vulnerabilit clients and servers.	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), i ies are found. This fe	pplication 25 ts using SonicWAL then re-encrypt th ature works for bo
Applicat t Provides the ability Deep Packet Inspe traffic and send it to Static,	ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA) b its destination if no ti (DHCP, PPPoE, L2TP ar	ccAfee® or Kaspersky Supported gement and control lie transfers, scan for ic transparently, sca (//AS/IPS/ Applicatic clients and servers. id PPTP client), Inter	, prioritize or block ap r key words or phrase n this traffic for threa n Intelligence/CFS), i ies are found. This fe nal DHCP server, DHC	opplication es ts using SonicWAL then re-encrypt th ature works for bo
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many,	M ion bandwidth manac sy signatures, control f to decrypt HTTPS traff ction technology (GA) b its destination if no ti (DHCP, PPPoE, L2TP ar many:1, many:many,	ccAfee® or Kaspersky Supported gement and control ite transparently, sca (//AS/IPS/ Applicatic clients and serversi clients and serversi d PPTP client), Inter flexible NAT (overlag	, prioritize or block ap key words or phrase n this traffic for threa n Intelligence/CFS), i ties are found. This fe nal DHCP server, DHC oping IPs), PAT, transp	pplication s ts using SonicWAL then re-encrypt th ature works for bo CP relay parent mode
Applicat t Provides the ability Deep Packet Inspe traffic and send it to Static,	ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA) b its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35	ccAfee® or Kaspersky Supported gement and control lie transparently, sca //AS/IPS/ Applicatic nreats or vulnerabilit clients and servers. Id PPTP client), Inter flexible NAT (overlap 25	, prioritize or block ap key words or phrase n this traffic for threa n Intelligence/CFS), t ities are found. This fe nal DHCP server, DHC pping IPs), PAT, transp 50	opplication es ts using SonicWAL then re-encrypt th ature works for bo
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25	M ion bandwidth manaco by signatures, control f to decrypt HTTPS traff ction technology (GA its destination if no t (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static	ccAfee® or Kaspersky Supported gement and control lie transparently, sca //AS/IPS/ Applicatic cransparently, sca //AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base	, prioritize or block ag r key words or phrase n this traffic for threa n Intelligence/CFS), ties are found. This fe nal DHCP server, DHC pping IPs), PAT, transp 50 ed routing, Multicast	poplication poplication ts using SonicWAL then re-encrypt th ature works for bo CP relay parent mode 200
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25	ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA) b its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35	ccAfee® or Kaspersky Supported gement and control lie transparently, sca (/AS/IPS/ Applicatic cireats or vulnerabili clients and servers. d PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base dwidth, guaranteed	, prioritize or block ag r key words or phrase n this traffic for threa n Intelligence/CFS), ties are found. This fe nal DHCP server, DHC pping IPs), PAT, transp 50 ed routing, Multicast	poplication poplication ts using SonicWAL then re-encrypt th ature works for bo CP relay parent mode 200
Applicat t Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p	M ion bandwidth manaco by signatures, control f to decrypt HTTPS traff ction technology (GA b its destination if no tl (DHCP, PPPOE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum banco	ccAfee® or Kaspersky Supported gement and control ile transfers, scan foi ic transparently, sca (/AS/IPS/ Applicatic rireats or vulnerabilit clients and servers. d PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base dwidth, guaranteed Yes	, prioritize or block ap r key words or phrase n this traffic for threa n Intelligence/CFS), ties are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m	pplication 25 ts using SonicWAL then re-encrypt th ature works for bo CP relay 200 arking, 802.1 p
Applicat t Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, A	M ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA b its destination if no tl (DHCP, PPPOE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum band Active Directory, SSO, L	ccAfee® or Kaspersky Supported gement and control ile transfers, scan foi ic transparently, sca (/AS/IPS/ Applicatic rireats or vulnerabilit clients and servers. d PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base dwidth, guaranteed Yes DAP, Novell, interna	, prioritize or block ap r key words or phrase n this traffic for threa in Intelligence/CFS), ties are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m	pplication 25 ts using SonicWAL then re-encrypt th ature works for bo CP relay 200 arking, 802.1 p inal Services, Citrix
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users	M ion bandwidth manac y signatures, control f to decrypt HTTPS traff ction technology (GA' p its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum banc Active Directory, SSO, L 150/150 Users	ccAfee® or Kaspersky Supported gement and control lile transfers, scan foi ic transparently, sca (//AS/IPS/ Applicatic relator valuerabilit clients and servers. dd PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), t ites are found. This fe nal DHCP server, DHC oping IPS), PAT, transp 50 ed routing, Multicast bandwidth, DSCP m I user database, Term 300/500 Users	pplication 25 ts using SonicWAL then re-encrypt th ature works for bo 27 relay 200 arking, 802.1p arking, 802.1p inal Services, Citrix 1,000/1,000 Use
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, '	M ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA) b its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum banc Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo	ccAfee® or Kaspersky Supported gement and control ile transfers, scan for ic transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users rt, outbound bandw	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), t ites are found. This fe nal DHCP server, DHO oping IPs), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m user database, Term 300/500 Users vidth management, 1	bplication 25 ts using SonicWAL then re-encrypt th ature works for bo CP relay arent mode 200 arking, 802.1p arking, 802.1p arking, 802.1p arking, 802.1p arking, 802.1p arking, 802.1p
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection s;	M ion bandwidth manac by signatures, control I to decrypt HTTPS traff ction technology (GA) b its destination if no tl (DHCP, PPPOE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum banc Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ecurity, full interoperal	ccAfee® or Kaspersky Supported gement and control ile transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users rt, outbound bandw pility with most VoIP	, prioritize or block ag r key words or phrase n this traffic for threa n Intelligence/CFS), ti ies are found. This fe nal DHCP server, DHC pping IPs), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m I user database, Term 300/500 Users vidth management, 1 gateway and comm	pplication es ts using SonicWAL then re-encrypt th ature works for bo CP relay parent mode 200 arking, 802.1p inal Services, Citrix 1,000/1,000 User (oIP over WLAN, nunications device
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection s;	M ion bandwidth manaco by signatures, control f to decrypt HTTPS traffiction technology (GA) its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum band Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ecurity, full interoperal bid Spanning Tree, Lay	ccAfee® or Kaspersky Supported gement and control ile transparently, sca (/AS/IPS/ Applicatic ireats or vulnerabilit clients and servers. d PPTP client), Inter flexible NAT (overlag 25 croutes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users 20/250 Users 2	, prioritize or block ag r key words or phrase n this traffic for threa n Intelligence/CFS), f ies are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 ed routing, Multicast bandwidth, DSCP m I user database, Term 300/500 Users vidth management, gateway and comm	cpplication es ts using SonicWAL then re-encrypt th ature works for bo cP relay parent mode 200 arking, 802.1p inal Services, Citrix 1,000/1,000 User /oIP over WLAN, nunications device
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection s;	M ion bandwidth manaco by signatures, control f to decrypt HTTPS traffiction technology (GA) its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum band Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ecurity, full interoperal bid Spanning Tree, Lay	ccAfee® or Kaspersky Supported gement and control ile transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 croutes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users rt, outbound bandw pility with most VoIP	, prioritize or block ag r key words or phrase n this traffic for threa n Intelligence/CFS), f ies are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 ed routing, Multicast bandwidth, DSCP m I user database, Term 300/500 Users vidth management, gateway and comm	cpplication es ts using SonicWAL then re-encrypt th ature works for bo cP relay parent mode 200 arking, 802.1p inal Services, Citrix 1,000/1,000 User /oIP over WLAN, nunications device
Applicat Provides the ability Deep Packet Inspe- traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, A 100/100 Users Full H.323v1-5, deep inspection se VLAN Trunking, Rap	M ion bandwidth manaco by signatures, control f to decrypt HTTPS traff ction technology (GA' its destination if no tl (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum band Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ecurity, full interoperal bid Spanning Tree, Lay Rat	ccAfee® or Kaspersky Supported gement and control ile transparently, sca (/AS/IPS/ Applicatic ireats or vulnerabilit clients and servers. d PPTP client), Inter flexible NAT (overlag 25 croutes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users 20/250 Users 2	, prioritize or block ag r key words or phrase n this traffic for threa n Intelligence/CFS), f ies are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 ed routing, Multicast bandwidth, DSCP m I user database, Term 300/500 Users vidth management, gateway and comm	pplication es ts using SonicWAL then re-encrypt th ature works for bo CP relay parent mode 200 arking, 802.1p inal Services, Citrib 1,000/1,000 Use VoIP over WLAN, nunications device
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, A 100/100 Users Full H.323v1-5, deep inspection s VLAN Trunking, Rap (7) 10/100/1000	M ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA' b its destination if no tl (DHCP, PPPOE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, stati riority, maximum banc OSPF, RIPv1/v2, stati siority, maximum banc Corrity, maximum banc SIP, gatekeeper suppo gatekeeper suppo gatekeep	ccAfee® or Kaspersky Supported gement and control ile transparently, sca (/AS/IPS/ Applicatic transparently, sca (/AS/IPS/ App	Prioritize or block age key words or phrase n this traffic for threa n Intelligence/CFS), ites are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 ed routing, Multicast bandwidth, DSCP m l user database, Term 300/500 Users vidth management, gateway and comm Aggregation, Port Mi rity	pplication 25 ts using SonicWAL then re-encrypt th ature works for bo CP relay 200 arking, 802.1 p arking, 802.1 p anal Services, Citrix 1,000/1,000 Use VoIP over WLAN, unications device rroring, Layer 2 Qc
Applicat Provides the ability Deep Packet Inspective traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection s; VLAN Trunking, Rap (7) 10/100/1000 Copper Gigabit Ports, 2 USB, 1	M ion bandwidth manaco by signatures, control 16 to decrypt HTTPS traff ction technology (GA) its destination if no th (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum band Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ecurity, full interoperal bid Spanning Tree, Lay Rate (5) 10/100/1000 Copper Gigabit Ports, 2 USB, 1	ccAfee® or Kaspersky Supported gement and control ile transfers, scan for ic transparently, sca //AS/IPS/ Applicatic hreats or vulnerabilit clients and servers. d PPTP client), Inter flexible NAT (overlap 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users rt, outbound bandv outbound bandv se Control, Port Secu (6) 10/10	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), t ites are found. This fe nal DHCP server, DHC oping IPs), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m user database, Term 300/500 Users vidth management, ' gateway and comm Aggregation, Port Mi rity	pplication ss ts using Sonic/WAL then re-encrypt th ature works for bo CP relay Derelay Derelay CP relay Derelay Derelay CP relay Derel
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection s; VLAN Trunking, Rap (7) 10/100/1000 Copper Gigabit	M ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA' b its destination if no tl (DHCP, PPPOE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum banc OSPF, RIPv1/v2, static iriority, maximum banc Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo accurity, full interoperal bid Spanning Tree, Lay Rat (5) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface	ccAfee® or Kaspersky Supported gement and control ile transfers, scan for ic transparently, sca //AS/IPS/ Applicatic hreats or vulnerabilit clients and servers. d PPTP client), Inter flexible NAT (overlap 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users rt, outbound bandv outbound bandv se Control, Port Secu (6) 10/10	Prioritize or block age key words or phrase n this traffic for threa n Intelligence/CFS), ites are found. This fe nal DHCP server, DHC pping IPS), PAT, transp 50 ed routing, Multicast bandwidth, DSCP m l user database, Term 300/500 Users vidth management, gateway and comm Aggregation, Port Mi rity	pplication ss ts using Sonic/WAL then re-encrypt th ature works for bo CP relay Derelay Derelay arrent mode 200 arking, 802.1p arking, 802.1p arki
Applicat Provides the ability Deep Packet Inspective traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection s; VLAN Trunking, Rap (7) 10/100/1000 Copper Gigabit Ports, 2 USB, 1	M ion bandwidth manaco by signatures, control 16 to decrypt HTTPS traff ction technology (GA) its destination if no th (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum band Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ecurity, full interoperal bid Spanning Tree, Lay Rate (5) 10/100/1000 Copper Gigabit Ports, 2 USB, 1	ccAfee® or Kaspersky Supported gement and control ile transfers, scan for ic transparently, sca (//AS/IPS/ Applicatic ic transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlay 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interna 250/250 Users rt, outbound bandv bility with most VoIP er 2 Discovery, Link, e Control, Port Secu (6) 10/10 1 C	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), t ites are found. This fe nal DHCP server, DHC oping IPs), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m user database, Term 300/500 Users vidth management, ' gateway and comm Aggregation, Port Mi rity	pplication ss ts using Sonic/WAL then re-encrypt th ature works for bo CP relay Derelay Derelay arrent mode 200 arking, 802.1p arking, 802.1p arki
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection so VLAN Trunking, Rap (7) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface	M ion bandwidth manac y signatures, control fi to decrypt HTTPS traff ction technology (GA) its destination if no ti (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static fiority, maximum banc Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ccurity, full interoperal id Spanning Tree, Lay (5) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface Module Slot	ccAfee® or Kaspersky Supported gement and control let transfers, scan for ic transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interma 250/250 Users rt, outbound bandw pility with most VoIP er 2 Discovery, Link. e Control, Port Secu (6) 10/10 1 C	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), i ities are found. This fe nal DHCP server, DHO oping IPs), PAT, transp 50 drouting, Multicast bandwidth, DSCP m user database, Term 300/500 Users vidth management, V gateway and comm Aggregation, Port Mi rity	bplication 25 ts using SonicWAL then re-encrypt th ature works for bo CP relay 200 CP relay 200 arking, 802.1p inal Services, Citrix 1,000/1,000 Use VoIP over WLAN, unications device rroring, Layer 2 Qc abit Ports, JSB
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection so VLAN Trunking, Rap (7) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface 32 MB Cor	M ion bandwidth manac by signatures, control f to decrypt HTTPS traff ction technology (GA' b its destination if no tl (DHCP, PPPOE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static riority, maximum banc OSPF, RIPv1/v2, static iriority, maximum banc Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo accurity, full interoperal bid Spanning Tree, Lay Rat (5) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface	ccAfee® or Kaspersky Supported gement and control let transfers, scan for ic transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interma 250/250 Users rt, outbound bandw pility with most VoIP er 2 Discovery, Link. e Control, Port Secu (6) 10/10 1 C	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), t ites are found. This fe nal DHCP server, DHC oping IPs), PAT, transp 50 rd routing, Multicast bandwidth, DSCP m user database, Term 300/500 Users vidth management, ' gateway and comm Aggregation, Port Mi rity	bplication 25 ts using SonicWAL then re-encrypt th ature works for bo CP relay 200 CP relay 200 arking, 802.1p inal Services, Citrix 1,000/1,000 Use VoIP over WLAN, unications device rroring, Layer 2 Qc abit Ports, JSB
Applicat Provides the ability Deep Packet Inspe traffic and send it to Static, 1:1, 1:many, 25 Bandwidth p XAUTH/RADIUS, / 100/100 Users Full H.323v1-5, deep inspection so VLAN Trunking, Rap (7) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface	M ion bandwidth manac y signatures, control fi to decrypt HTTPS traff ction technology (GA) its destination if no ti (DHCP, PPPoE, L2TP ar many:1, many:many, 35 OSPF, RIPv1/v2, static fiority, maximum banc Active Directory, SSO, L 150/150 Users SIP, gatekeeper suppo ccurity, full interoperal id Spanning Tree, Lay (5) 10/100/1000 Copper Gigabit Ports, 2 USB, 1 Console Interface Module Slot	ccAfee® or Kaspersky Supported gement and control let transfers, scan for ic transparently, sca (//AS/IPS/ Applicatic clients and servers. d PPTP client), Inter flexible NAT (overlap 25 routes, policy-base dwidth, guaranteed Yes DAP, Novell, interma 250/250 Users rt, outbound bandw pility with most VoIP er 2 Discovery, Link. e Control, Port Secu (6) 10/10 1 C	, prioritize or block ag key words or phrase n this traffic for threa n Intelligence/CFS), i ities are found. This fe nal DHCP server, DHO oping IPs), PAT, transp 50 drouting, Multicast bandwidth, DSCP m user database, Term 300/500 Users vidth management, V gateway and comm Aggregation, Port Mi rity	bplication 25 ts using SonicWAL then re-encrypt th ature works for bor CP relay 200 200 arking, 802.1p inal Services, Citrix 1,000/1,000 User VoIP over WLAN, unications device rroring, Layer 2 Qo abit Ports, JSB
	SonicC 600 Mbps 115 Mbps 195 Mbps 180 Mbps 85,000 32,000 2,200 16 150 Mb 25 2 (25) 2 (15) 1 30-day Trial (5) DE Verisign, Thawte, C Werisign, Thawte, C	115 Mbps         140 Mbps           195 Mbps         250 Mbps           110 Mbps         130 Mbps           180 Mbps         210 Mbps           85,000         110,000           32,000         64,000           2,200         3,000           22 classes of           16         24           150 Mb         200 Mbps           25         50           2 (25)         2 (25)           2 (15)         1 (15)           1 30-day Trial (5)         1 30-day Trial (5)           DES, 3DES, AES (128, 192         Key Exchange IKE, IKEv           Verisign, Thawte, Cybertrust, RSA Keon, E         Microsoft* Windows 2000, Window           Microsoft* Windows 2000, Window         Mac 10.4+, Linu           Gateway Anti-Virus, Anti-Spyware, Intru         (CFS) HTTP URL, HTTPS IP, keyword and comparison	SonicOS 5.8.1.1         SonicO           600 Mbps         750 Mbps         775 Mbps           115 Mbps         140 Mbps         160 Mbps           195 Mbps         250 Mbps         275 Mbps           110 Mbps         130 Mbps         150 Mbps           180 Mbps         210 Mbps         235 Mbps           85,000         110,000         225,000           32,000         64,000         125,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         4,000           2,200         3,000         Mps           201         200 Mbps         300 Mbps           25         5.0         75           2 (25)         2 (25)         1 (	SonicOS 5.8.1.1         SonicOS Enhanced 5.6 (or 1           600 Mbps         750 Mbps         775 Mbps         1.5 Gbps           115 Mbps         140 Mbps         160 Mbps         350 Mbps           195 Mbps         250 Mbps         275 Mbps         750 Mbps           110 Mbps         130 Mbps         150 Mbps         240 Mbps           180 Mbps         210 Mbps         235 Mbps         580 Mbps           85,000         110,000         225,000         325,000           32,000         64,000         125,000         175,000           2,200         3,000         4,000         7,000           2,200         3,000         4,000         7,000           Unrestricted           22 classes of DoS, DDoS and scanning attacks           16         24         32         48           To Mbp         625 Mbps           25         50         75         800           2 (25)         2 (25)         10 (250)         50 (1,000)           2 (15)         2 (15)         2 (15)         2 (10)           DES, AES (128, 192, 256-bit), MD5, SHA-1/DH Groups 1, 2, 5           Key Korp, RIP           Verisign, Thawte

#### Certifications



<sup>1</sup> Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. <sup>2</sup> UTIM/Gateway AV/Anti-Spyware/IPS throughput measured using industry standard Spirent WebAvalanche HTTP performance test and Ixia test tools. Testing done with multiple flows through multiple port pairs.

VPNC, ICSA Firewall 4.1

EAL4+, FIPS 140-2 Level 2, VPNC, ICSA Firewall 4.1, IPv6 Phase 1, IPv6 Phase 2

<sup>3</sup> Actual maximum connection counts are lower when UTM services are enabled.

Only with the NSA 240 Stateful HA and Expansion Upgrade.

<sup>5</sup> VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. Supported on the NSA 3500 and higher.