



NetSol
Segurança na Internet

DESDE
2000



AGENDA

1

Sobre a NetSol

2

Sobre a SonicWall

3

Next Generation Firewall

4

Diferenciais da solução

Sobre a NetSol

FUNDAÇÃO/FOCO

Fundada no ano 2000.

Foco em terceirização da mão de obra específica de segurança de rede.

ORIGEM

BHNET foi um BBS/ISP inovador que ocupou posição de destaque em Minas Gerais na década de 90, sendo vendido em 1999 para a Telefonica de Espanha.



Números NetSol

NetSol. Segurança na Internet.



O que podemos fazer por sua empresa



ANTIMALWARE

Soluções de antivírus e antispam.



CERTIFICADO SSL

Suporte com especialistas certificados.



CLOUD SECURITY

Proteção para suas aplicações em nuvem.



CONSULTORIA

Para ambientes Microsoft e Linux.



EMAIL SEGURO

Correio eletrônico com colaboração.



FIREWALL NGFW

Serviço gerenciado MSSP e venda de equipamentos.



LINK INTERNET

Internet dedicada de alta velocidade.



MONITORAMENTO

Monitoramento de ativos de rede com alertas.



PENTEST

Teste de penetração black box e grey box.



REDE WIFI

Suporte, configuração e equipamentos wireless.



SERVICE DESK

Atendimento com especialistas certificados.



DATACENTER

Servidores dedicados e aplicações em nuvem.

Nossos Parceiros

arcserve®

aruba
a Hewlett Packard
Enterprise company

avast

CISCO



FORCEPOINT
a HPE company

eset NOD32

FORTINET

KASPERSKY
lab

Microsoft

MikroTik

RUCKUS
an ARRIS company

SOPHOS

SONICWALL

TREND
MICRO

ZABBIX



zimbra®
A SYNACOR PRODUCT

UniFi®
UBIQUITI

ubuntu®

Alguns Clientes NetSol



Sobre a SonicWall

FUNDAÇÃO/FOCO

Fundada no ano 1991 com foco no desenvolvimento em tecnologias de segurança da informação.

ORIGEM/TIME FRAME

Empresa Americana do Vale do Silício atualmente localizada em Santa Clara/CA.

2010 – Thoma Bravo

2012 – Dell Computadores

2016 - Francisco Partners and Elliott Management



Números SonicWall

SonicWall. Líder em inovação. Parceiro de segurança confiável.



Anos de experiência



Colaboradores no mundo



Profissionais certificados no Brasil



Patentes registradas



Crescimento no Brasil em 2017



Appliances vendidos no Mundo



Appliances instalados no Brasil



Líder mundial em NGFW para o mercado SMB



50+
Industry
research
organizations
in which
intelligence is
shared

1.0M+
Sensors

24x7x365
Monitoring

< 24 Hr.
Response to
zero-day
vulnerabilities

100K+
Malware
samples
collected daily

100K+
Malicious
events
analyzed daily

Portfólio de Segurança SonicWall

Network Security



Next Generation Firewall

Secure Wireless



Wireless Solution

Wan Acceleration



Wan Acceleration

Management, Reporting



Global Management System,
Analyzer

Anti-Spam



Email Security

Remote Access



SSL-VPN

Portfólio de Segurança SonicWall



SONICWALL® | CAPTURE CLOUD PLATFORM

FW • IPS • ATP • DPI TLS • ANTI-MALWARE • CASB • ANTI-PHISHING • URL FILTERING • WAF

THREAT PREVENTION

MANAGEMENT

REPORTING / ANALYTICS



Network Security Platforms



WiFi



Mobile Endpoints



Email



Cloud



IoT

SONICCORE

Certificados da Indústria



FIPS 140-2



Common Criteria EAL NDPP,
EAL4+ Q3: TFFW,
IPS Protection Profiles



UCAPL
JITC Certified



CsfC (1H'FY17)



ICSA Firewall



USGv6 Testing
(IPv6)



NSS Recommended



Approved Products List
Integrated Tracking System



IPv6 Phase 1



ICSA Enterprise Firewall
(IPv6, High Availability, VoIP)



IPv6 Phase 2



Suite B
Cryptographic Algorithms



Premiações de mercado pelas tecnologia



Linhas de Next Generation Firewall SonicWall

Virtual Series

Privada, híbrida e ambientes de nuvem pública



NSv200



NSv300



NSv400



NSv800



NSv1600

SuperMassive Series

Grandes corporações, acima de 10.000 colaboradores



NSSP12k



9800



9600



9400



9200

NSA Series

Empresas médias, até 10.000 colaboradores



NSA 6600



NSA 5650



NSA 4650



NSA 3650



NSA2650

TZ Series

Pequenas Empresas, até 500 colaboradores



Wireless Models



TZ600



TZ500



TZ400



TZ300
TZ 350

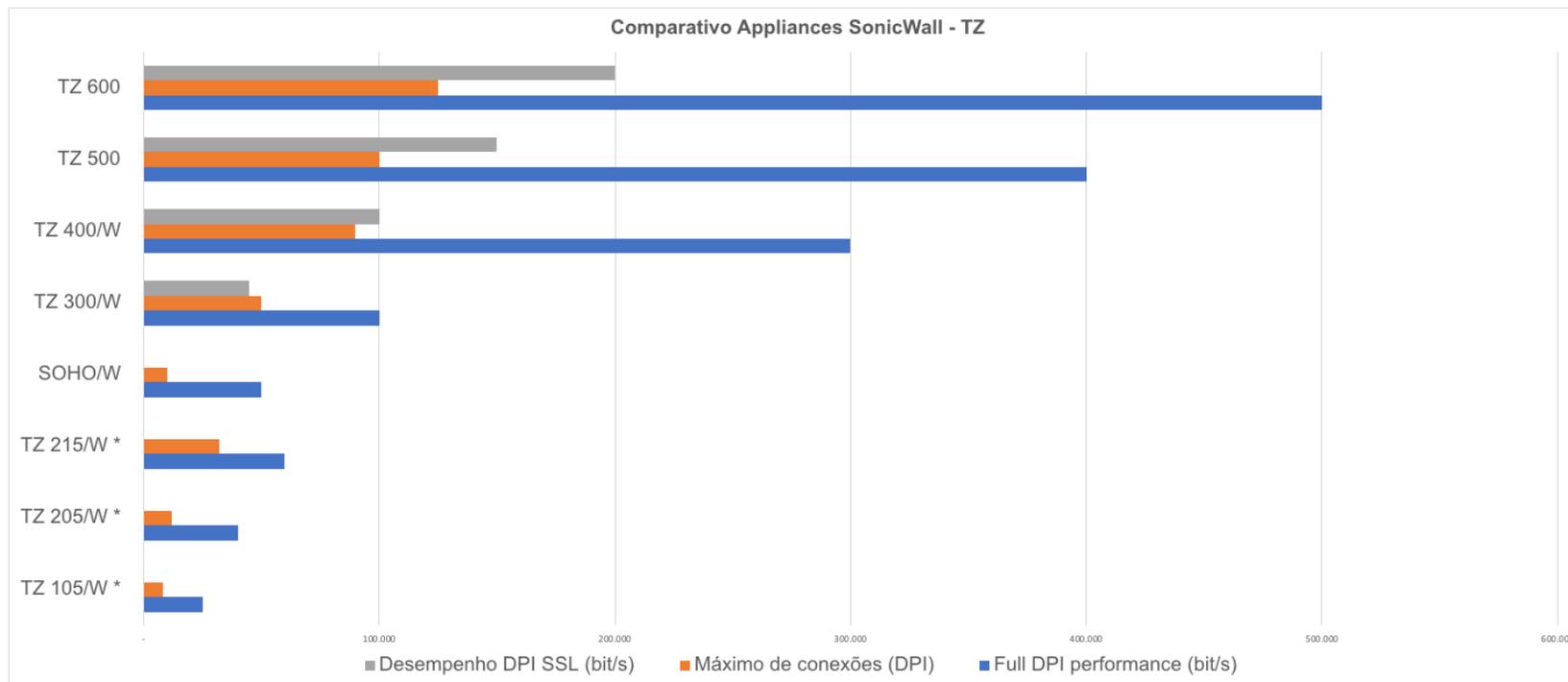


SOHO
SOHO 250

Comparativo dos Appliances TZ

Comparativo dos Equipamentos SonicWall - TZ							
Appliance	Full DPI performance (bit/s)	Máximo de conexões (DPI)	Desempenho DPI SSL (bit/s)	VPN Site to Site	VPN Client to Site (SSL)	Interfaces	
TZ 105/W *	25.000	8.000	-	5	10	5x10/100 Ethernet, 1xUSB, 1xConsole	
TZ 205/W *	40.000	12.000	-	10	15	5xGbE, 1xUSB, 1xConsole	
TZ 215/W *	60.000	32.000	-	20	25	5xGbE, 1xUSB, 1xConsole	
SOHO/W	50.000	10.000	-	10	10	5xGbE, 1xUSB, 1xConsole	
TZ 300/W	100.000	50.000	45.000	10	50	5xGbE, 1xUSB, 1xConsole	
TZ 400/W	300.000	90.000	100.000	20	100	7xGbE, 1xUSB, 1xConsole	
TZ 500	400.000	100.000	150.000	25	150	8xGbE, 2xUSB, 1xConsole	
TZ 600	500.000	125.000	200.000	50	200	10xGbE, 2xUSB, 1xConsole	

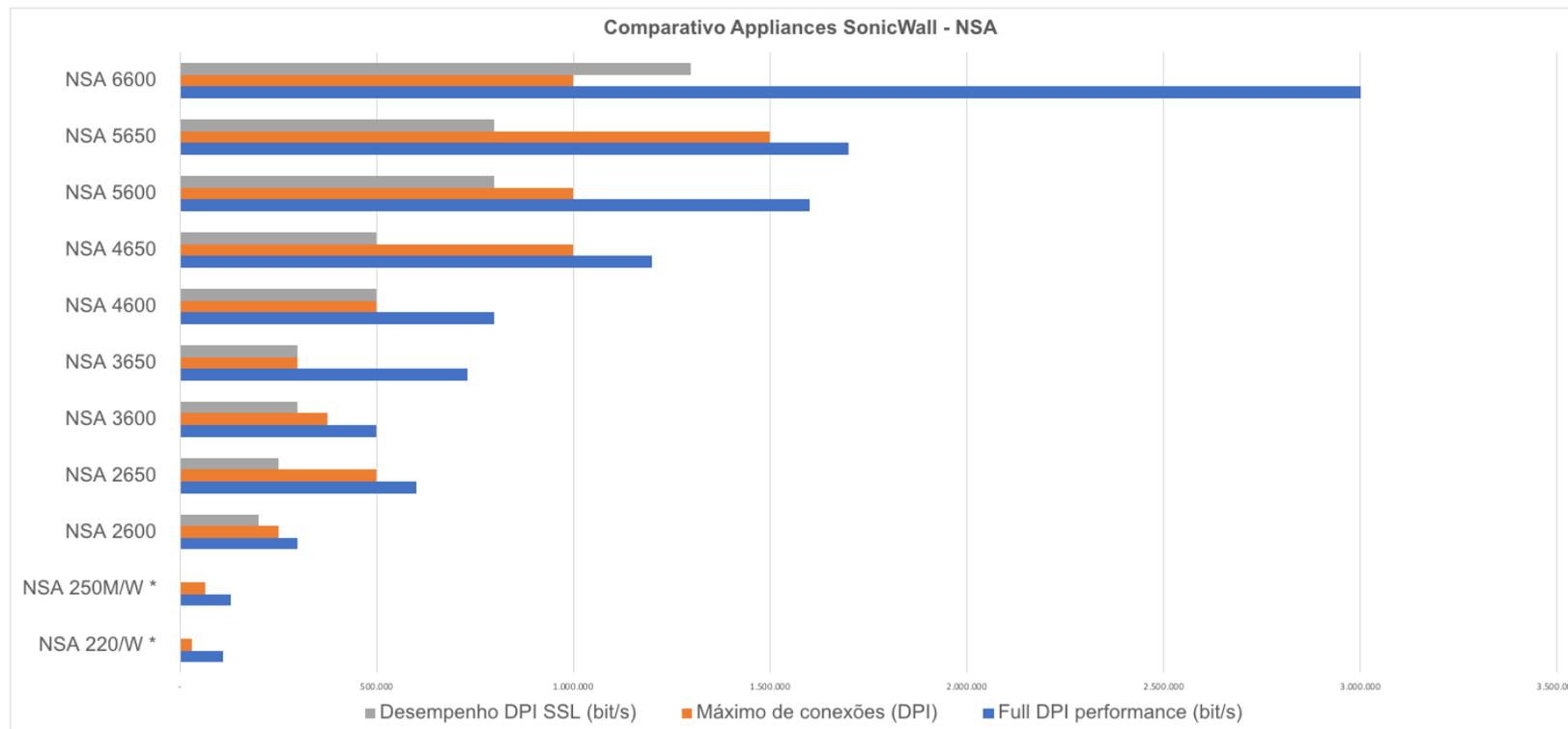
* Appliance geração 5 - incapaz de rodar a versão mais recente do SonicOS



Comparativo dos Appliances NSA

Comparativo dos Equipamentos SonicWall - NSA						
Appliance	Full DPI performance (bit/s)	Máximo de conexões (DPI)	Desempenho DPI SSL (bit/s)	VPN Site to Site	VPN Client to Site (SSL)	Interfaces
NSA 220/W *	110.000	32.000	-	25	15	7x1 GbE, 2xUSB, 1xConsole
NSA 250M/W *	130.000	64.000	-	50	15	5x1 GbE, 2xUSB, 1xConsole
NSA 2600	300.000	250.000	200.000	250	250	8x1 GbE, 1xMGMT, 1xConsole
NSA 2650	600.000	500.000	250.000	1.000	350	4x2.5 GbE SFP, 4x2.5 GbE, 12x1 GbE, 1xMGMT, 1xConsole
NSA 3600	500.000	375.000	300.000	1.000	350	2x10 GbE SFP+, 4x1 GbE SFP, 12x1 GbE, 1xMGMT, 1xConsole
NSA 3650	730.000	300.000	300.000	3.000	500	2x10 GbE SFP+, 8x2.5 GbE SFP, 4x2.5 GbE, 12x1 GbE, 1xMGMT, 1xConsole
NSA 4600	800.000	500.000	500.000	3.000	500	2x10 GbE SFP+, 4x1 GbE SFP, 12x1 GbE, 1xMGMT, 1xConsole
NSA 4650	1.200.000	1.000.000	500.000	4.000	1.000	2x10 GbE SFP+, 4x2.5 GbE SFP, 4x2.5 GbE, 16x1 GbE, 1xMGMT, 1xConsole
NSA 5600	1.600.000	1.000.000	800.000	4.000	1.000	2x10 GbE SFP+, 4x1 GbE SFP, 12x1 GbE, 1xMGMT, 1xConsole
NSA 5650	1.700.000	1.500.000	800.000	6.000	1.500	2x10 GbE SFP+, 2x10 GbE, 4x2.5 GbE SFP, 4x2.5 GbE, 16x1 GbE, 1xMGMT, 1xConsole
NSA 6600	3.000.000	1.000.000	1.300.000	6.000	1.500	4x10 GbE SFP+, 8x1 GbE SFP, 8x1 GbE, 1xMGMT, 1xConsole

* Appliance geração 5 - incapaz de rodar a versão mais recente do SonicOS



Reconhecimento NSS Labs, Microsoft e CVE Details



SonicWall é um dos NGFWs de maior e melhor valor



A SonicWALL está há 6 anos consecutivos no Secure Value Map do NSS Labs

Fonte: <https://www.nsslabs.com/>



Microsoft Security Advisory	Check Point	Cisco	Fortinet	Juniper	Kaspersky	McAfee	Microsoft	Palo Alto	SONICWALL	Sophos	Sourcefire	Stonesoft	Symantec	Trend Micro
MSA 2639658	✓	✗	✓	✓	✓	✓	✓	✗	✓	✗	✓	✗	✗	✗
MSA 2719615	✓	✓	✓	✓	✗	✓	✗	✗	✓	✓	✓	✓	✓	✓
MSA 2794220	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✓	✓	✓
MSA 2847140	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✓	✓	✓
MSA 2887505	✓	✗	✗	✗	✗	✗	✗	✗	✓	✗	✓	✓	✓	✓
MSA 2896666	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
MSA 2914486	✓	✓	✓	✓	✗	✗	✗	✗	✓	✗	✓	✓	✓	✓
MSA 2914088	✓	✓	✓	✓	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
MSA 2963983	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓



A SonicWall sempre lança as atualizações em menos de 48 horas

Fonte: <https://technet.microsoft.com/en-us/security/dn467918.aspx/>

CVE Details

Table with columns: CVE ID, CVE ID, # of Exploits, Vulnerability Types, Publish Date, Update Date, Score, General Access Level, Access, Complexity, Authentication, Conf., Integ., Avail.

1 CVE-2011-2822 88 Exec Code Sql 2013-02-12 2013-02-13 7.5 None Remote Low Not required Partial Partial Partial

2 CVE-2010-2883 113 Exec Code Overflow 2010-11-03 2010-11-04 9.0 None Remote Medium Not required Complete Complete Complete

3 CVE-2009-2811 264 XSS 2009-12-04 2010-12-21 4.3 None Remote Medium Not required Partial Partial Partial

4 CVE-2008-4918 28 XSS 2008-11-04 2009-04-30 4.3 None Remote Medium Not required None Partial None

5 CVE-2008-2182 29 XSS 2008-05-12 2008-09-05 4.3 None Remote Medium Not required None Partial None

6 CVE-2007-4213 124 Exec Code 2007-12-07 2008-09-05 7.5 None Remote Medium Not required Complete Complete Complete

7 CVE-2007-5615 22 Dir. Tru. 2007-11-05 2008-09-05 10.0 None Remote Low Not required Complete Complete Complete

8 CVE-2007-5614 115 Exec Code Overflow 2007-11-05 2008-09-05 7.5 None Remote Medium Not required Complete Complete Complete

9 CVE-2007-5603 113 Exec Code Overflow 2007-11-05 2008-09-05 7.5 None Remote Medium Not required Complete Complete Complete

10 CVE-2005-1056 XSS 2005-09-02 2008-09-05 4.3 None Remote Medium Not required None Partial None

11 CVE-2003-1490 20 DoS Overflow 2003-12-31 2008-09-05 7.8 None Remote Low Not required None None Complete

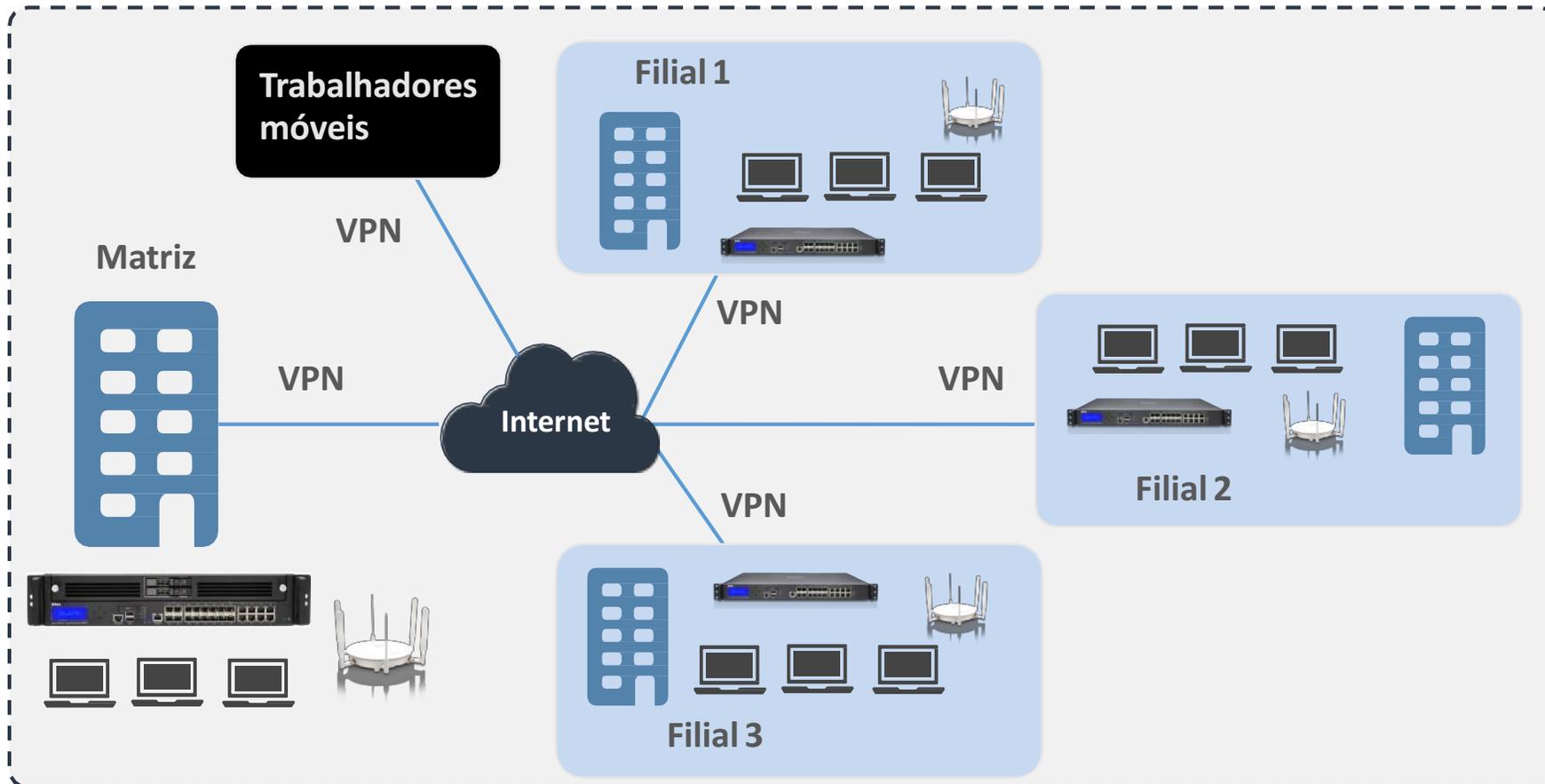


A SonicWall está sem vulnerabilidades de Firewall há mais de 10 anos

Fonte: https://www.cvedetails.com/vulnerability-list/vendor_id-628/Sonicwall.html



Exemplo de cenário



Cenário típico

Sede central da organização

Escritórios múltiplos

A rede conecta sites pela Internet

Segurança de e-mail

Acesso móvel seguro

Cada site precisa

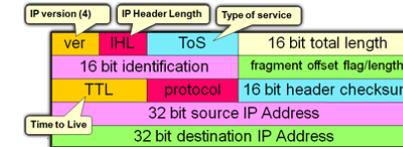
Firewall com serviços

de segurança

Sem fio seguro

Gestão central

Firewall versus Next Generation Firewall



Analisa o cabeçalho dos pacotes IP.

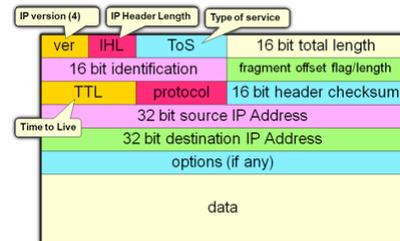


Linux



Microsoft Forefront

MikroTik



Analisa os pacotes IP por completo.

SONICWALL



Diagrama Next Generation Firewall

Identificação

- Por aplicação - não por porta ou protocolo
- Por usuário/grupo - não por IP
- Por conteúdo - não por nome de arquivo



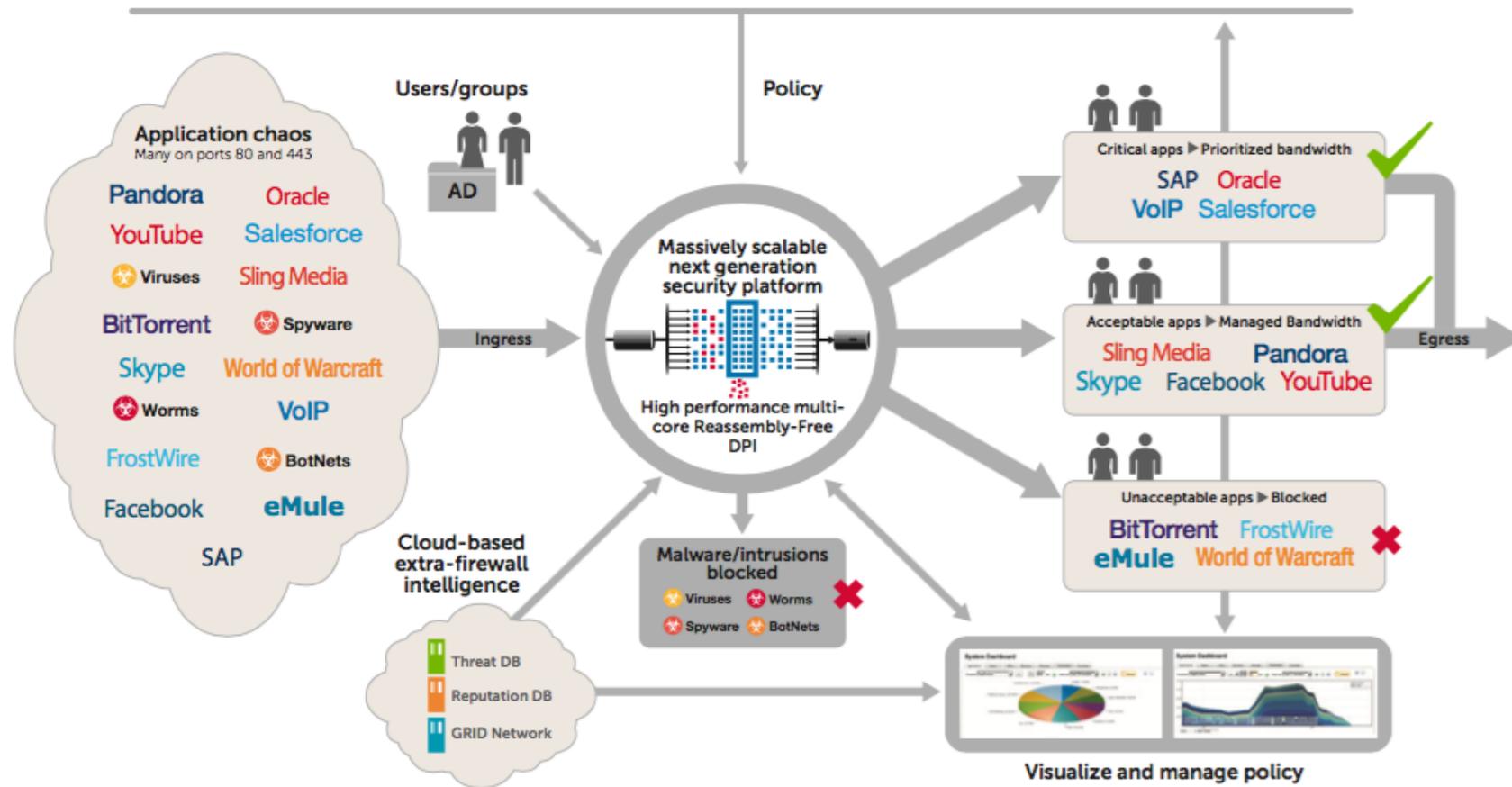
Categorização

- Por aplicação
- Por categoria de aplicação
- Por destino
- Por conteúdo
- Por usuário/grupo

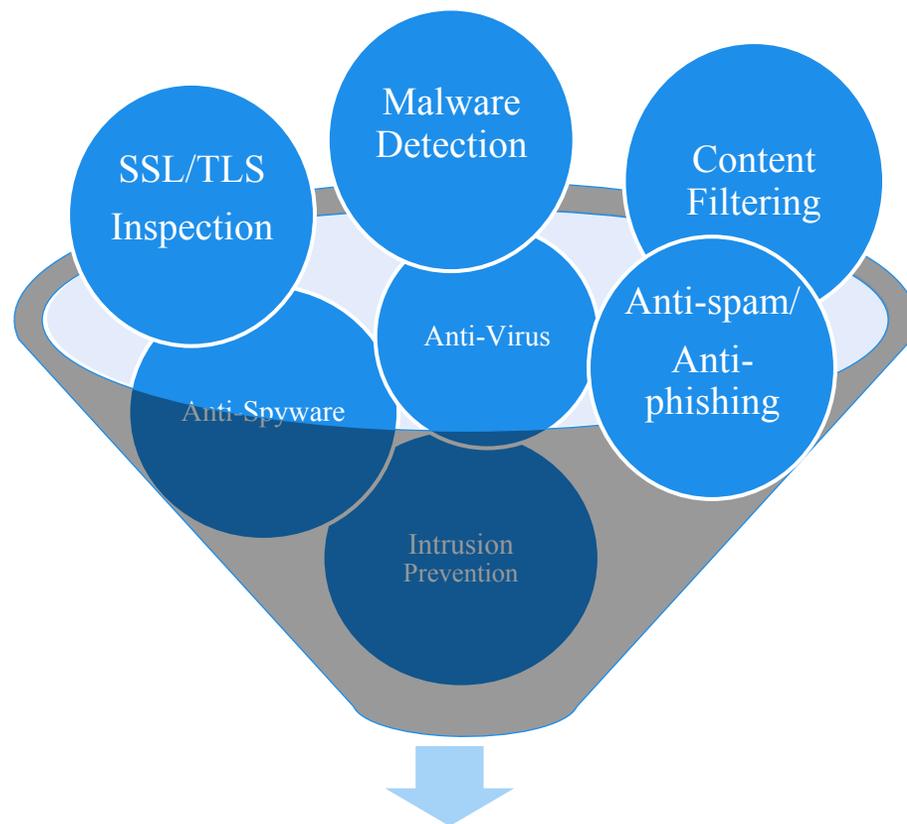


Controle

- Prioriza aplicações por política
- Gerencia aplicações por política
- Bloqueia aplicações por política
- Detecta e bloqueia malware
- Detecta e previne tentativas de intrusão



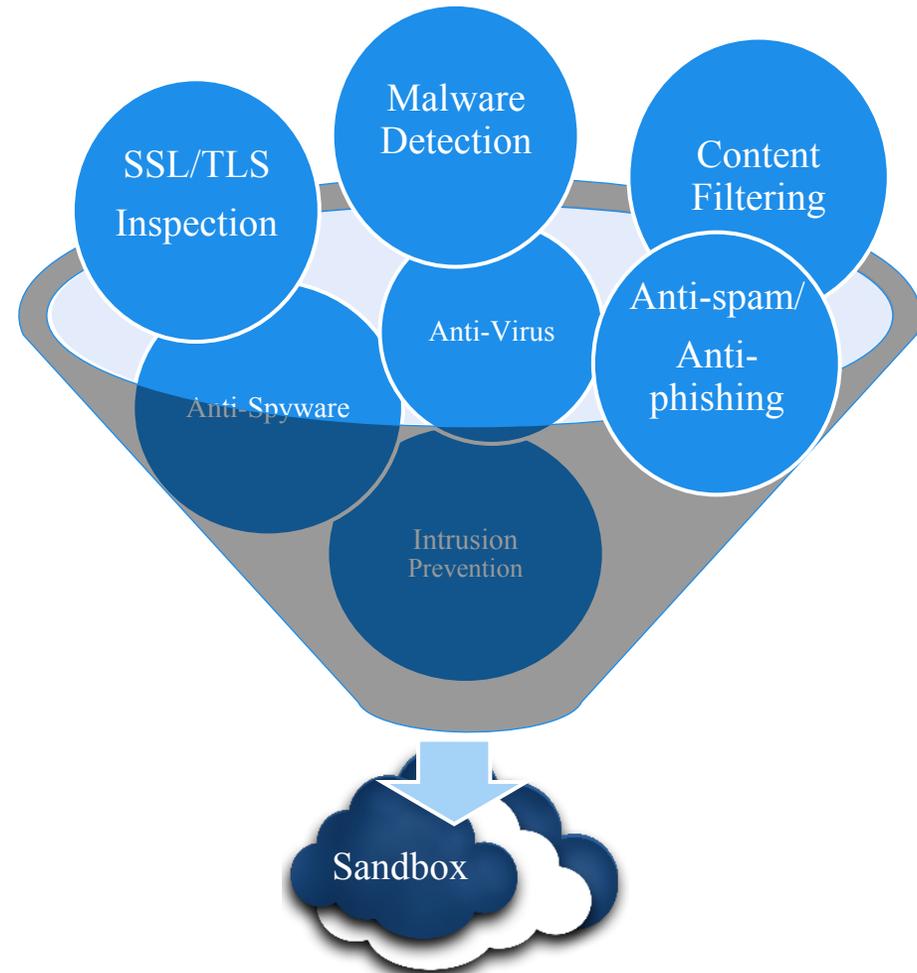
Proteção contra ameaças – Licença CGSS



Segurança da rede
interna e internet

Proteção contra ameaças conhecidas

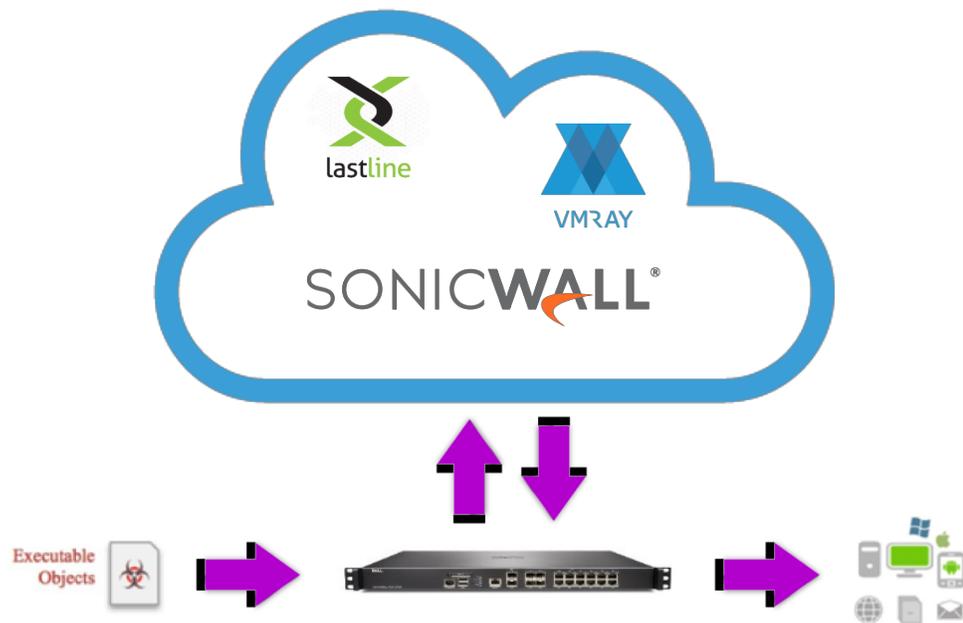
Proteção contra ameaças avançadas – Licença AGSS



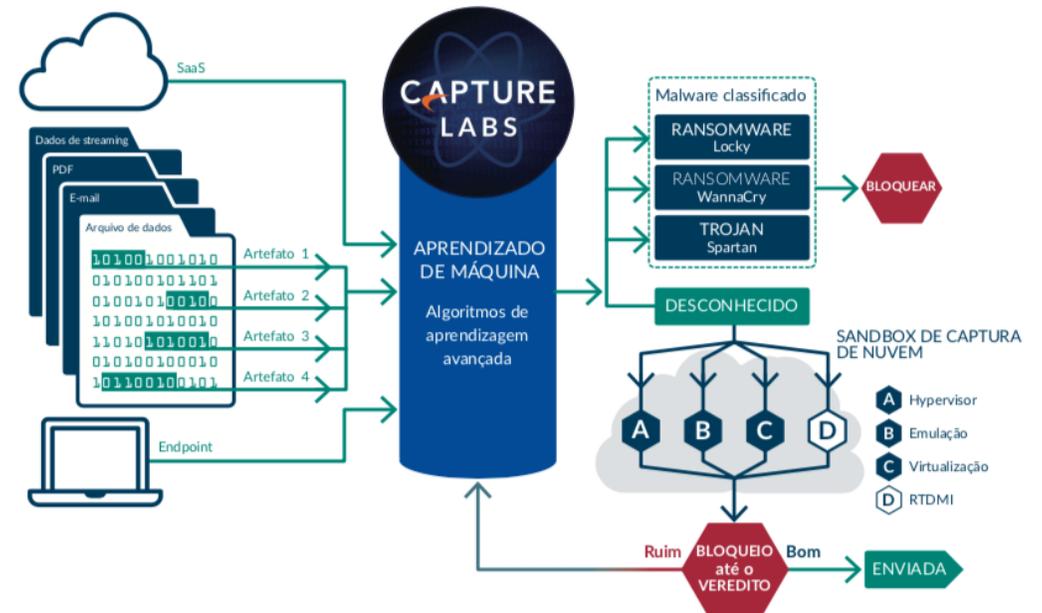
Segurança da rede
interna e internet

Proteção contra ameaças conhecidas e desconhecidas

SonicWall Capture ATP – Funcionamento



Múltiplas camadas para análise e detecção de ameaças avançadas: sandbox virtualizado, emulação completa do sistema operacional e análise a nível de hypervisor.



Vários tipos de arquivo e análise de ambiente do sistema operacional, sem limitação de tamanho de arquivo: PE, MS Office, PDF, archives, JAR, APK. Bloqueia até o veredito do gateway.

SonicWall Capture ATP – Tela

SONICWALL NS_a 2650

MONITOR

INVESTIGATE

MANAGE

QUICK CONFIGURATION

Alert | Help | Logout

Firewall Name: Sonicwall Clamper

Mode: Configuration ▶

Dashboard

Event Summaries

Threat Protection

Capture ATP

Spam Statistics

Appliance Health

Overview

Live Monitor

Multi-Core Monitor

Bandwidth Monitor

Protocol Monitor

RF Monitor

Current Status

System Status

User Sessions

SSL-VPN Sessions

Active Users

Active Guest Users

User Monitor

High Availability Status

Anti-Spam Status

Access Point Stations

3G/4G/Modem Status

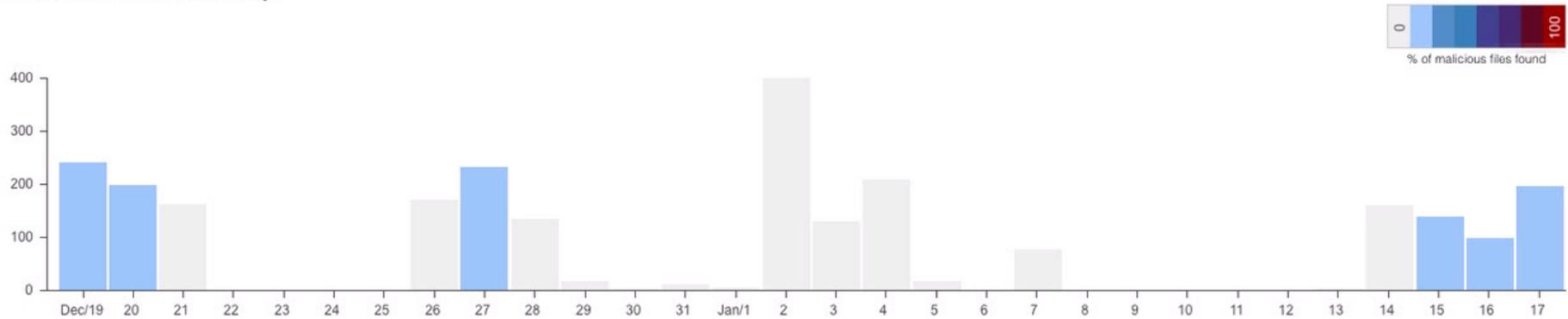
VoIP Call Status

Virtual Assist Status

WAN Acceleration Status

Capture ATP / Status

Files scanned in the last 30 days



Viewing 13 files of 2,598 total scanned

Status is malicious ✕ [Add Filter...](#)

Status	Date	Filename	Submitted by	Src	Dest
MALICIOUS	Jan 17 - 0:59am	(unknown)	18B169980B00	185.35.67.57:42522	192.168.5.201:25
MALICIOUS	Jan 16 - 12:04pm	NewKingrootV4.50_C120_B220_office_release_2015_08_03_nokm_247306.apk	18B169980B00	203.205.138.187:80	172.16.100.196:33862
MALICIOUS	Jan 16 - 12:01pm	NewSuperSU-2.79.10.zip	18B169980B00	45.79.105.122:80	172.16.100.196:38228
MALICIOUS	Jan 16 - 9:51am	Shipping Documents.zip	18B169980B00	213.152.160.138:50087	192.168.5.201:25
MALICIOUS	Jan 16 - 9:11am	(unknown)	18B169980B00	200.147.34.187:26881	192.168.5.201:25
MALICIOUS	Jan 16 - 8:31am	PO#098819.docx	18B169980B00	63.134.199.172:1103	192.168.5.201:25
MALICIOUS	Jan 16 - 4:42am	INQUIRY.arj	18B169980B00	103.20.215.161:49774	192.168.5.201:25
MALICIOUS	Jan 15 - 9:09pm	MT_103-13758439.xlsx	18B169980B00	109.238.3.209:47030	192.168.5.201:25

Status: Ready

SonicWall Capture – Tela

SONICWALL™ | Capture ATP Report

Jan 16, 12:04pm

172.16.100.196 downloaded a malicious file. The endpoint may need to be cleaned.



2910kb
Zip archive data

NewKingrootV4.50_C120_B220_office_release_2015_08_03_nokm_247306.apk

Analysis Summary

The virus scanners identified this file as known malware. It was judged malicious.



virus scanners
detected malware

14 scanners detected.

ahnlab_detected
command_detected
gdata_detected
sophos_online_detected



vendor reputation
inconclusive

antivir_detected
command_online_detected
ikarus_detected
global_verdict_detected



domain reputation
inconclusive

bitdefender_detected
esetnod32_detected
quickheal_detected



embedded code
found

clamav_detected
fortinet_detected
sophos_detected

File Identifiers

MD5: acf3a5b34ae1898ecb85720c7f8e1fd9
SHA1: ce2e58fd50358ce9f8e885a2986416d6794dc7c1
SHA256: 46802356795ed4aafcb3f6869fff7ee27ef267808337305b3bcfd07d0bfff568e

Host Name: mia0vm-s1sbxcapture01
Serial Number 18B169980B00
Capture ATP Version 2.3.9
Report Generated on Wed, 16 Jan 2019 14:04:27 GMT

Solução Proposta

SOLUÇÃO SONICWALL

- 1.1 **NGFW**
(obrigatório)
- 1.2 **NGFW HA**
(opcional)
- 1.2 **Licença CGSS ou AGSS**
(1, 2 ou 3 anos)
- 1.3 **GMS/Analyzer**
(recomendado)

ITEMS OPCIONAIS

- 2.1 **Access Points**
(opcional)
- 2.2 **Switches**
(opcional)

TREINAMENTO GERENCIAL

- 3.1 **Na implantação**
(sem custo)
- 3.2 **Depois da Instalação**
(sem custo)

SUORTE MONITORAMENTO

- 4.1 **8x5**
(mais plantão)
- 4.2 **24x7**



Licenças de Enforced Client Antivírus (opcional)

Objetivo da solução

IMPORTÂNCIA DO PROJETO

VISÃO

Aumentar a disponibilidade e segurança da empresa



ESTRATÉGICO

OBJETIVO

Governar todas as identidades
Inspeccionar todos os pacotes



GERENCIAL

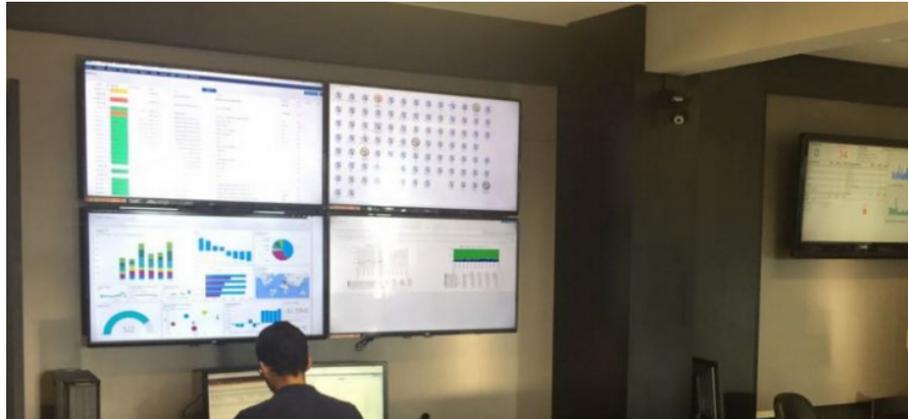
Otimizar recursos
Aumentar segurança
Gerar relatórios



SOLUÇÃO PROPOSTA

SonicWall + Service Desk NetSol

Diferenciais da NetSol



MONITORAMENTO NO NOC NETSOL

SONICWALL®

TECHNICAL MASTER

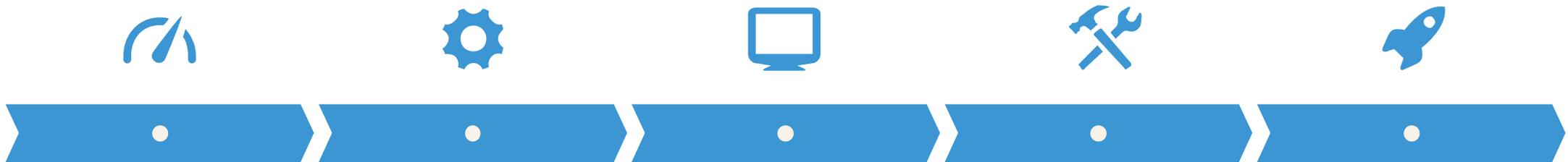
**EMPRESA
CERTIFICADA
ISO 20.000**

**MAIOR PARCEIRO
SONICWALL EM MG**

**EQUIPE CERTIFICADA
COM TÉCNICOS CSSP**

**PARTE DO PROGRAMA
PTS QUE FORNECE
SUPORTE LEVEL 3
SONICWALL**

Cronograma de trabalho após aceite da proposta



01

Capacitação da equipe da empresa cliente para gerenciar a nova solução

02

Configuração do equipamento na rede do cliente em paralelo com a solução existente

03

Migração das regras existentes na solução existente para a nova solução

04

Agendamento da virada para a nova solução e execução de um checklist

05

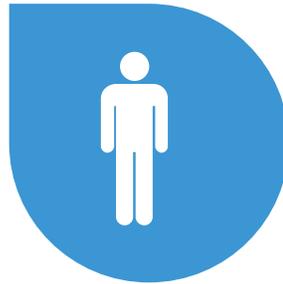
PDCA



Fatores para o sucesso do projeto

Engajamento da Direção

O engajamento da direção da empresa é fundamental para o sucesso do projeto.



Capacitação

É necessária a capacitação dos gestores da solução e dos usuários finais.



Infraestrutura

Em alguns casos é necessário fazer investimentos em infraestrutura de switches, links para permitir o funcionamento da solução.

Continuidade

É necessário haver a criação de um comitê de segurança da informação para gerir a solução.

Console SonicWall



The image shows a login console for a SonicWall Network Security Appliance. It features a white login form centered on a dark blue background. The form includes the SonicWall logo and the text 'Network Security Appliance'. Below this, there are two input fields: one for 'Username' and one for 'Password'. A 'LOG IN' button is positioned at the bottom right of the form.

SONICWALL™
Network Security Appliance

Username

Password

LOG IN

SonicWall - Administration for [tab] <https://netsol.sw.netsol.com.br:10000/main.html> Pesquisar

SONICWALL Network Security Appliance Alert | Wizards | Help | Logout

Mode: Configuration ▶

Dashboard / **Real-Time Monitor** To configure, go to AppFlow > Flow Reporting. [Using Local Collector] 23:34:52 May 30

Refresh every: sec. View Range: Data Source:

Applications

IPV4 and IPV6 | All Apps | Auto Y-Scaling

Legends

Image-2995	Archive-3057	Archive-3086	MPEG-594	IMAP-5174	HTTP Protocol-6597	General HTTPS MGMT	AVG-789	HTTP Protocol-6596	WebEx-5742	cURL-1618	YouTube-11644
Airbnb-7812	General DNS	McAfee SiteAdvisor-1906	Microsoft Internet Explorer-10270	Amazon CloudFront-10538	eBay-5808	WhatsApp Messenger-12596	Spotify-678	Service ShoreTel RTP	Debian APT-807	Google Mail (Gmail)-3440	SSL-7927
Others	Optimizely-7873	DNS Protocol-4395	Omniture-6886	Document-7252	Twitter-3983	Image-8682	Uber-7806	Document-9388	4Shared-5633	DNS Protocol-4399	Microsoft Office 365-10571
Sophos-9862	IMAP-9882	Encrypted Key Exchange-5	Amazon.com-8460	Microsoft Office 365-10563	General HTTPS	Service jabber	ISAKMP-2462	General SNMP Trap	General SIP control	ICMP-5193	General HTTP MGMT
HTTP Protocol-5148	ICMP-5195	Service Echo	HTTP User-Agent-10297	Service Tivo TCP Data	Image-4254	DNS Protocol-6818	General HTTP	DNS Protocol-5183	General ICMP	DNS Protocol-6820	General IKE
Freagate-2532	General NETBIOS	General UDP	General SNMP	STUN-875	Skype-7651	General TCP	Google-9379	Google-6015	Service IKE (Traversal)	Service porta 8443	Service imaps
Service NTP											

Ingress Bandwidth

Current: 5.5Mbps | Min: 932.5Kbps | Max: 11.7Mbps

IPV4 and IPV6 | All Interfaces Rate | Auto Y-Scaling

Egress Bandwidth

Current: 6.5Mbps | Min: 1.7Mbps | Max: 12.7Mbps

IPV4 and IPV6 | All Interfaces Rate | Auto Y-Scaling

Status: Ready

SonicWall - Administration for ...
 https://netsol.sw.netsol.com.br:10000/main.html

SONICWALL Network Security Appliance Alert | Wizards | Help | Logout

Mode: Configuration ▶

Dashboard

- Multi-Core Monitor
- Real-Time Monitor
- AppFlow Dash
- AppFlow Monitor**
- AppFlow Reports
- Threat Reports
- User Monitor
- BWM Monitor
- Connection Monitor
- Packet Monitor
- Log Monitor

- System
- Network
- 3G/4G/Modem
- SonicPoint
- Firewall
- Firewall Settings
- DPI-SSL
- DPI-SSH
- Capture ATP
- VoIP
- Anti-Spam
- VPN
- SSL VPN
- Users
- High Availability
- Security Services
- WAN Acceleration
- AppFlow
- Log

Dashboard / AppFlow Monitor

+ Filter View

Filter:

Load Filter: -- Select/Input Filter

Data Source: Local

Applications
Users
URLs
Initiators
Responders
Threats
VoIP
VPN
Devices
Contents

Filter View Interval: Last 5 minutes Group: Application IP Version: IPv4 and IPv6 Status

Application	Percentage
Service ShoreTel RTP	35.96%
General DNS	22.314%
DNS Protocol	18.125%
General HTTPS	11.269%
SSL	9.173%
ICMP	1.554%
SMTP	0.77%
General SMTP	0.532%
General SIP control	0.206%
Encrypted Key Exchange	0.096%

up time: 0 Days 00:05:25 Report Flows Mode: All last update: 23:42:02 May 30

✔ AppFlow to Local Collector is Enabled. To configure, go to AppFlow > Flow Reporting.

Status: Ready



- Dashboard
 - Multi-Core Monitor
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 - AppFlow Monitor**
 - AppFlow Reports
 - Threat Reports
 - User Monitor
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 - Log Monitor
- System
- Network
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- VPN
- SSL VPN
- Users
- High Availability
- Security Services
- WAN Acceleration
- AppFlow
- Log

Dashboard / **AppFlow Monitor**

+ Filter View Users Load Filter: Data Source: Local

- Applications**
- Users
- URLs
- Initiators
- Responders
- Threats
- VoIP
- VPN
- Devices
- Contents

Create Rule Filter View Interval: Last 6 hours Group: Application IP Version: IPv4 and IPv6 Status

#	Application	Sessions	Total Packets	Total Bytes	Ave Rate (KBps)	Threats	
<input type="checkbox"/>	1	SSL	24	3.00K	2.79M	0.178	0
<input type="checkbox"/>	2	HTTP Protocol	42	899	449.07K	1.294	0
<input type="checkbox"/>	3	Encrypted Key Exchange	77	466	201.81K	0.936	0
<input type="checkbox"/>	4	Image	11	236	102.15K	0.594	0
<input type="checkbox"/>	5	Google	4	332	57.95K	0.102	0
<input type="checkbox"/>	6	Microsoft Windows Updates	1	12	4.20K	0.090	0
<input type="checkbox"/>	7	General HTTPS	7	46	2.80K	0.114	0
<input type="checkbox"/>	8	General UDP	4	8	1.89K	0.434	0
<input type="checkbox"/>	9	ICMP	5	15	1.26K	0.123	0
<input type="checkbox"/>	10	Skype	1	7	1.23K	0.188	0
<input type="checkbox"/>	11	Service RPC Services	1	17	1.14K	0.439	0
<input type="checkbox"/>	12	Service RPC Services (IANA)	1	13	1000	0.287	0
<input checked="" type="checkbox"/>	13	WhatsApp Messenger	1	11	856	0.063	0
<input type="checkbox"/>	14	DNS Protocol	2	4	500	0.367	0
<input type="checkbox"/>	15	Service NTP	3	6	456	0.297	0

up time: 10 Days 19:14:39 Report Flows Mode: All last update: 13:07:48 Nov 06

AppFlow to Local Collector is Enabled. To configure, go to AppFlow > Flow Reporting.



- Dashboard
 - Multi-Core Monitor
 - Real-Time Monitor
 - AppFlow Dash
 - AppFlow Monitor**
 - AppFlow Reports
 - Threat Reports
 - User Monitor
 - BWM Monitor
 - Connection Monitor
 - Packet Monitor
 - Log Monitor
- System
- Network
- 3G/4G/Modem
- SonicPoint
- Firewall
- Firewall Settings
- DPI-SSL
- VoIP
- Anti-Spam
- VPN
- SSL VPN
- Users
- High Availability
- Security Services
- WAN Acceleration
- AppFlow
- Log

Dashboard / AppFlow Monitor

Filter View Users

Filters:

Applications Users URL

Create Rule Filter View Interval: 1h

#	Application
<input type="checkbox"/>	1 SSL
<input type="checkbox"/>	2 HTTP Protocol
<input type="checkbox"/>	3 Encrypted Key Exchan
<input type="checkbox"/>	4 Image
<input type="checkbox"/>	5 Google
<input type="checkbox"/>	6 Microsoft Windows Up
<input type="checkbox"/>	7 General HTTPS
<input type="checkbox"/>	8 General UDP
<input type="checkbox"/>	9 ICMP
<input type="checkbox"/>	10 Skype
<input type="checkbox"/>	11 Service RPC Services
<input type="checkbox"/>	12 Service RPC Services (
<input checked="" type="checkbox"/>	13 WhatsApp Messenger
<input type="checkbox"/>	14 DNS Protocol
<input type="checkbox"/>	15 Service NTP

up time: 10 Days 19:17:59 Report Flows

Create Rule

This creates a match object of items from the list below. You can block, bandwidth manage or monitor this match object.

WhatsApp Messenger

Please select an action:

- Block
- Bandwidth Manage** [Configure](#)
 - BWM Global-High
 - BWM Global-Medium
 - BWM Global-Low**
- Packet Monitor

Cancel Create Rule

Load Filter: []

Data Source: Local

Devices Contents

Status

Total Bytes	Ave Rate (KBps)	Threats
2.79M	0.178	0
449.07K	1.294	0
201.81K	0.936	0
102.15K	0.594	0
57.95K	0.102	0
4.20K	0.090	0
2.80K	0.114	0
1.89K	0.434	0
1.26K	0.123	0
1.23K	0.188	0
1.14K	0.439	0
1000	0.287	0
856	0.063	0
500	0.367	0
456	0.297	0

last update: 13:07:48 Nov 06

AppFlow to Local Collector is Enabled. To configure, go to AppFlow > Flow Reporting.



- ▶ Dashboard
- ▶ System
- ▶ Network
- ▶ 3G/4G/Modem
- ▶ SonicPoint
- ▶ Firewall
- ▼ Firewall Settings
 - Advanced
 - BWM**
 - Flood Protection
 - Multicast
 - QoS Mapping
 - SSL Control
 - ▶ DPI-SSL
 - ▶ VoIP
 - ▶ Anti-Spam
 - ▶ VPN
 - ▶ SSL VPN
 - ▶ Users
 - ▶ High Availability
 - ▶ Security Services
 - ▶ WAN Acceleration
 - ▶ Appflow
 - ▶ Log

Firewall Settings / **BWM**

Bandwidth Management Type: Advanced Global None

Interface BWM Settings ⓘ

Priority	Enable	Guaranteed	Maximum \Burst
0 Realtime	<input type="checkbox"/>	0 %	100 %
1 Highest	<input type="checkbox"/>	0 %	100 %
2 High	<input checked="" type="checkbox"/>	30 %	100 %
3 Medium High	<input type="checkbox"/>	0 %	100 %
4 Medium	<input checked="" type="checkbox"/>	50 %	100 %
5 Medium Low	<input type="checkbox"/>	0 %	100 %
6 Low	<input checked="" type="checkbox"/>	20 %	100 %
7 Lowest	<input type="checkbox"/>	0 %	100 %

Totals: 100

Note: This priority table is used only when global bandwidth management is selected. (When using legacy BWM, values can be set independently in Firewall Access Rules and Action Objects.)In global BWM mode, all traffic (by default) is marked as "medium" priority unless configured via firewall rule/app firewall rule.



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 - Log Monitor
- System
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- Firewall
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- WAN Acceleration
- AppFlow
- Log

Dashboard / **AppFlow Reports**

Filter String:

Data Source: Local

 Applications Users IP Viruses Intrusions Spyware **Location** Botnets URL Rating
View: Since Restart SINCE: 10/26/2015 17:53:38.000 UPTIME: 10 Days 20:58:00 Status

#	Country Name	Sessions	Bytes Received	Bytes Sent	Dropped	
1	Brazil	151.53M 90%	290.52G 83%	251.10G 90%	0	
2	United States	10.36M 6%	51.70G 14%	24.84G 8%	0	
3	Chile	2.90M 1%	255.91M <1%	460.66M <1%	0	
4	Germany	347.43K <1%	512.54M <1%	195.84M <1%	0	
5	Netherlands	319.82K <1%	242.52M <1%	47.56M <1%	0	
6	Europe	286.27K <1%	56.39M <1%	24.47M <1%	0	
7	Ireland	202.15K <1%	545.72M <1%	157.24M <1%	0	
8	Singapore	150.89K <1%	44.46M <1%	29.92M <1%	0	
9	United Kingdom	94.64K <1%	683.54M <1%	33.56M <1%	0	
10	Argentina	90.47K <1%	291.57M <1%	44.10M <1%	0	
11	Canada	88.49K <1%	401.12M <1%	27.01M <1%	0	
12	Italy	85.26K <1%	148.80M <1%	14.41M <1%	0	
13	Belgium	78.66K <1%	11.91M <1%	7.83M <1%	0	
14	China	72.24K <1%	56.36M <1%	16.08M <1%	0	
15	Slovakia	68.21K <1%	9.40M <1%	6.03M <1%	0	
16	France	62.39K <1%	340.76M <1%	31.41M <1%	0	
17	Poland	61.72K <1%	10.49M <1%	7.18M <1%	0	
18	Japan	52.80K <1%	10.77M <1%	6.05M <1%	0	
19	Australia	52.46K <1%	14.18M <1%	5.95M <1%	0	
Total:		253 item(s)	167.50M	347.32G	277.19G	0

up time: 10 Days 20:58:30

last update: 14:51:35 Nov 06

✔ Aggregate AppFlow reporting is enabled. ✔ Geo-IP/Botnet Reporting is enabled. To configure, go to AppFlow > Flow Reporting.



- Dashboard
 - Multi-Core Monitor
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- SonicPoint
- Firewall
- Firewall Settings
- DPI-SSL
- VoIP
- Anti-Spam
- VPN
- SSL VPN
- Users
- High Availability
- Security Services
- WAN Acceleration
- AppFlow
- Log

System/

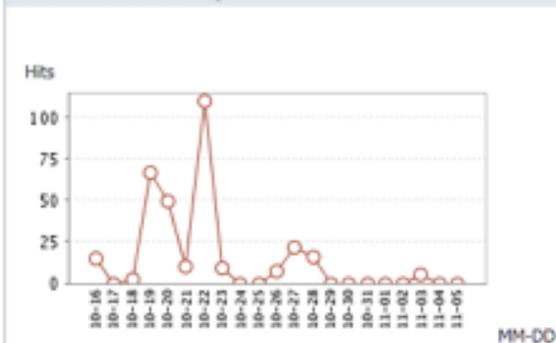
Security Dashboard

View: Global 18B1690B5BE4[Download PDF](#)

Viruses Blocked

Last 21 Days

Over Time: Last 21 Days



Top Viruses Blocked

Virus Name	Percentage of Viruses
Banload.D_2	42%
Adob.VBS	38%
Banker.AQ_2	14%
Suspicious#html	1%
MalAgent.H_3744	0.6%
MalAgent.H_1439	0.6%
Agent.AOW	0.6%
MalAgent.H_3717	0.3%
Generic.Shellcode.26	0.3%
Bladabindi.AKX	0.3%

Intrusions Prevented

Last 21 Days

Over Time: Last 21 Days



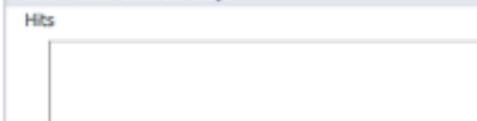
Top Intrusions Prevented

Intrusion Name	Percentage of Intrusions
LOIC Low Orbit Ion Cannon Expl...	72%
OpenSSL Heartbleed Information...	11%
GNU Bash Code Injection Vulner...	8%
DSL Modem Reboot	2%
Suspicious HTTP Header 2	2%
Web Application Remote Code Ex...	1%
SIPVicious Activity 1	1%
Apple QuickTime Out-Of-Bounds ...	0.5%

Spyware Blocked

Last 21 Days

Over Time: Last 21 Days



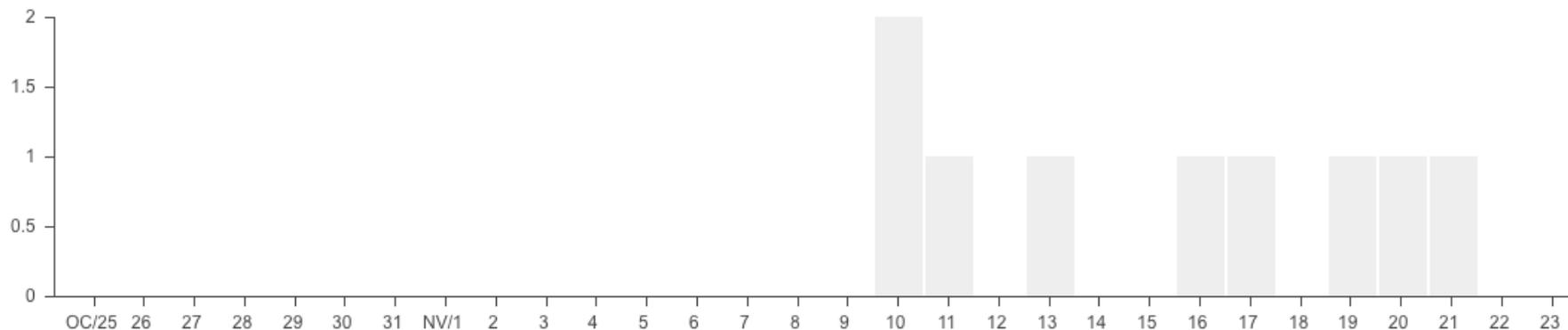
Top Spyware Blocked

- ▶ Dashboard
- ▶ System
- ▶ Network
- ▶ 3G/4G/Modem
- ▶ Wireless
- ▶ SonicPoint
- ▶ Firewall
- ▶ Firewall Settings
- ▶ DPI-SSL
- ▼ Capture ATP
 - Status**
 - Settings
 - ▶ VoIP
 - ▶ Anti-Spam
 - ▶ VPN
 - ▶ SSL VPN
 - ▶ Users
 - ▶ High Availability
 - ▶ Security Services
 - ▶ WAN Acceleration
 - ▶ AppFlow
 - ▶ Log

Capture ATP / Status

Upload a file

Files scanned in the last 30 days



Viewing 9 files scanned.

No filters applied. [Add Filter...](#)

Status	Date	Filename	Submitted by	Src	Dest
✓ clean	Nov 21 - 9:04am	abfe66cbcf082227b469b17367e126084633...	18B1692BF150	17.253.13.207:80	10.0.0.101:54470
✓ clean	Nov 20 - 4:12pm	message.zip	18B1692BF150	191.34.33.155:80	10.0.0.4:54090
✓ clean	Nov 19 - 10:48am	mzps.404168181668085450.ipa	18B1692BF150	177.205.9.191:80	10.0.0.8:50105
✓ clean	Nov 17 - 1:00pm	mzps.2830432709105401998.ipa	18B1692BF150	17.253.13.203:80	10.0.0.192:49498
✓ clean	Nov 16 - 9:47pm	mzps.6660676675187320303.ipa	18B1692BF150	177.205.9.185:80	10.0.0.8:57148

- ▶ Dashboard
- ▶ System
- ▶ Network
- ▶ 3G/4G/Modem
- ▶ SonicPoint
- ▶ Firewall
- ▶ Firewall Settings
- ▶ DPI-SSL
- ▶ VoIP
- ▶ Anti-Spam
- ▶ VPN
- ▶ SSL VPN
- ▶ Users
- ▶ High Availability
- ▼ Security Services
 - Summary
 - Content Filter**
 - Client AV Enforcement
 - Client CF Enforcement
 - Gateway Anti-Virus
 - Intrusion Prevention
 - Anti-Spyware
 - RBL Filter
 - Geo-IP Filter
 - Botnet Filter
- ▶ WAN Acceleration
- ▶ AppFlow
- ▶ Log

Security Services / **Content Filter**

Content Filter Type: DELL SonicWALL CFS

License Status

License Status:	Activated
Expiration Date:	07/08/2019

▼ **Global Settings**

Max URL Caches (entries): 15360

Enable Content Filtering Service

Enable HTTPS Content Filtering

Block if CFS Server Is Unavailable

Server Timeout: 5 second(s)

▼ **CFS Exclusion**

Exclude Administrator

Excluded Address: ips diretoria

▼ **CFS Policies**

Items 1 to 8 (of 8) ◀ ▶ ⏪ ⏩

Lookup Policies by Address:

#	Name	Source Zone	Destination Zone	Source Address	User/Group	Schedule	Profile	Action	Priority	Enable	Configure
<input type="checkbox"/>	1 cfs ip sala de reuniao	All	All	ip.sala.reuniao	All	Always On	perfil cfs reuniao	acao cfs reuniao	↑↓	<input checked="" type="checkbox"/>	<input type="button" value="Info"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	2 cfs servidores	All	All	ips servidores	All	Always On	perfil cfs tecnologia	acao cfs tecnologia	↑↓	<input checked="" type="checkbox"/>	<input type="button" value="Info"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	3 cfs administrativo	All	All	Any	administrativo	Always On	perfil cfs administrativo	acao cfs administrativo	↑↓	<input checked="" type="checkbox"/>	<input type="button" value="Info"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	4 cfs comercial	All	All	Any	comercial	Always On	perfil cfs comercial	acao cfs comercial	↑↓	<input checked="" type="checkbox"/>	<input type="button" value="Info"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>

Edit CFS Profile Object

https://10.10.10.1:10000/addCfsProfileObjDlg.html

SonicWALL | Network Security Appliance

Settings | Advanced | Consent

General Configuration

Name:

URI List Configuration

Allowed URI List:

Forbidden URI List:

URI List Searching Order:

Operation for Forbidden URI List:

Category Configuration

#. Category	Operation
47. Humor/Jokes	Allow
48. Multimedia	BWM
49. Freeware/Software Downloads	Allow
50. Pay to Surf Sites	Block
53. Kid Friendly	Allow
54. Advertisement	Allow
55. Web Hosting	Allow
56. Other	Allow
57. Internet Watch Foundation CAIC	Allow
58. Social Networking	Confirm

Operation:

Ready

Edit CFS Action Object

https://10.10.10.1:10000/addCfsActionObjDlg.html

SonicWALL | Network Security Appliance

CFS Action Object

Name:

Wipe Cookies

Enable Flow Reporting

Operation Configurations

Block Page:

```
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="
<meta name="id" cc
<title>Web Site Bl
<style type="text/
#shd { width:500px
right:3px;margin-l
#shd .second,
#shd .third,
#shd .box { positi
#shd .first { bac
#shd .second { bac
#shd .third { bac
#shd .box { backgr
#848284;height:350
```

Ready

SonicWALL | Network Security Appliance

 **This site has been blocked by the network administrator.**

Block policy: **\$\$BlockedPolicy\$\$**

Client IP address: **\$\$ClientIpAddr\$\$**

Block reason: **\$\$Category\$\$**

If you believe the below web site is rated incorrectly click [here](#).



- Dashboard
- Multi-Core Monitor
- Real-Time Monitor
- AppFlow Dash
- AppFlow Monitor
- AppFlow Reports
- Threat Reports
- User Monitor
- BWM Monitor
- Connection Monitor
- Packet Monitor
- Log Monitor**
- System
- Network
- 3G/4G/Modem
- SonicPoint
- Firewall
- Firewall Settings
- DPI-SSL
- VoIP
- Anti-Spam
- VPN
- SSL VPN
- Users
- High Availability
- Security Services
- WAN Acceleration
- AppFlow
- Log

Dashboard / **Log Monitor**

+ Filter View

Filters:

Display: Last 5 minutes

 CSV
 Text
 Print
 Refresh
 Stop

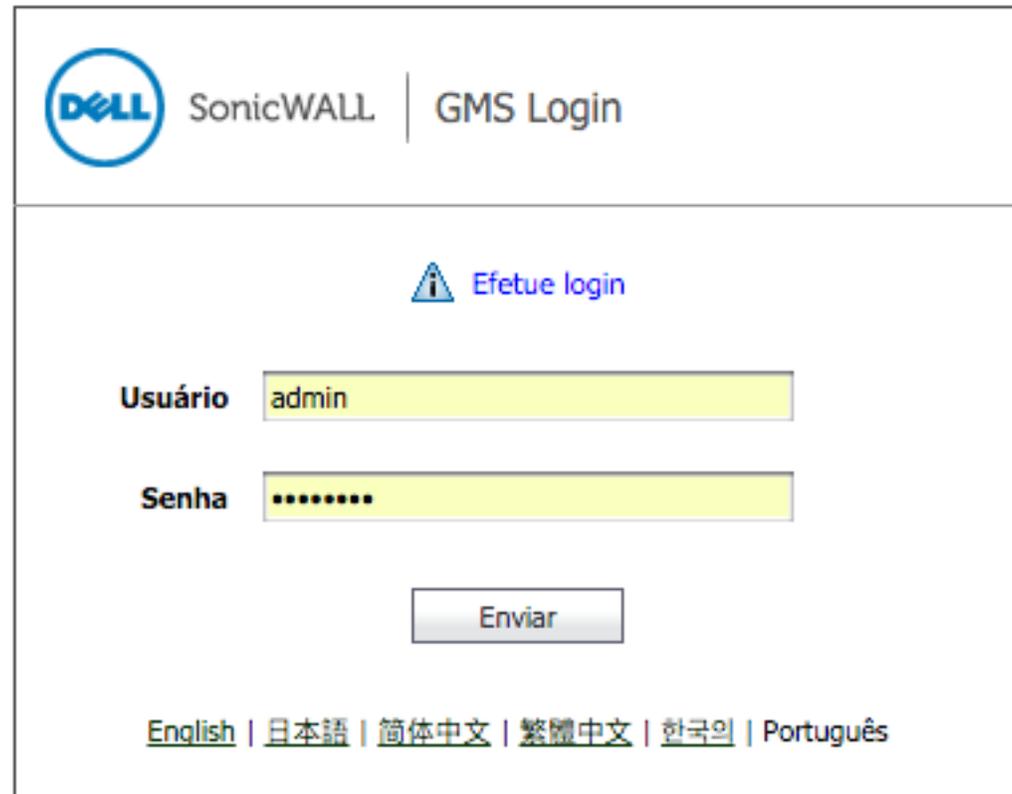
 Status

 60 sec

UTC Time	ID	Category	Priority	Message	Source	Destination	IP Protocol	Notes
16:55:36 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: FILETYPE-DETECTION Archive - PKZIP (P2P), SID: 7253, AppID: 994, CatID: 72	10.10.10.76, 35713, X0	201.16.162.129, 9998, X3	tcp	
16:55:35 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: IM Skype -- Application Activity 5 [Reqs 5 and 7], SID: 5760, AppID: 3, CatID: 11	104.88.140.30, 443, X3	10.10.10.28, 52212, X0	tcp	
16:55:35 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: PROTOCOLS SSL -- TLSv1.2, SID: 7927, AppID: 1279, CatID: 74	104.88.140.30, 443, X3	10.10.10.28, 52212, X0	tcp	
16:55:35 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: BACKUP-APPS Dropbox -- DNS Query, SID: 6089, AppID: 604, CatID: 56	10.10.10.8, 25644, X0	205.251.199.157, 53, X1	udp	
16:55:34 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: APP-UPDATE Vipuls Razor -- Filtering Agent Activity, SID: 2503, AppID: 853, CatID: 55	208.83.137.118, 2703, X4	10.10.10.106, 50108, X0	tcp	
16:55:31 Nov 06	608	Security Services	Alert	IPS Detection Alert: ICMP Echo Reply, SID: 316, Priority: Low	187.32.86.162, 8, X1	10.10.10.12, 9251, X0	icmp	
16:55:30 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: PROTOCOLS DNS Protocol -- Standard Query .net Network Domains, SID: 6820, AppID: 1283, CatID: 74	10.10.10.106, 29198, X0	195.22.26.207, 53, X4	udp	
16:55:27 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: PROTOCOLS DNS Protocol -- Standard Query .org Organization Domains, SID: 6819, AppID: 1283, CatID: 74	10.10.10.106, 32241, X0	157.22.13.82, 53, X4	udp	
16:55:26 Nov 06	1327	VPN	Inform	IKEv2 Send Dead Peer Detection Response	189.15.2.219, 4500	201.17.140.145, 4500	udp	VPN Pc jorge-n
16:55:26 Nov 06	1324	VPN	Inform	IKEv2 Received Dead Peer Detection Request	201.17.140.145, 4500	189.15.2.219, 4500	udp	VPN Pc jorge-n
16:55:26 Nov 06	1327	VPN	Inform	IKEv2 Send Dead Peer Detection Response	179.107.103.42, 4500	201.17.140.145, 4500	udp	VPN Pc jorge-netsol;
16:55:26 Nov 06	1324	VPN	Inform	IKEv2 Received Dead Peer Detection Request	201.17.140.145, 4500	179.107.103.42, 4500	udp	VPN Pc jorge-netsol;
16:55:26 Nov 06	1197	Network	Notice	Nat Mapping	177.69.223.251, 50428, X1	10.10.10.8, 53, X0	udp	Source 177.69
16:55:25 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: WEB-BROWSER Microsoft Internet Explorer -- HTTP User-Agent MSIE 11.0, SID: 10274, AppID: 1835, CatID: 88	10.10.10.28, 52210, X0	198.252.206.16, 80, X4	tcp	
16:55:25 Nov 06	1154	Firewall	Alert	Application Control Detection Alert: WEB-BROWSER HTTP User-Agent -- Microsoft Windows 7, SID: 10293, AppID: 1901, CatID: 88	10.10.10.28, 52210, X0	198.252.206.16, 80, X4	tcp	
				Application Control Detection Alert: PROTOCOLS DNS Protocol --				

last update: UTC 16:55:37 Nov 06

Console GMS/Analyzer



The screenshot shows the SonicWALL GMS Login console interface. At the top left is the Dell SonicWALL logo. To its right, the text "SonicWALL | GMS Login" is displayed. Below this, there is a warning icon (a triangle with an exclamation mark) followed by the text "Efetue login". The main form contains two input fields: "Usuário" with the value "admin" and "Senha" with a masked password of seven dots. Below the password field is a button labeled "Enviar". At the bottom of the form, there are links for language selection: "English", "日本語", "简体中文", "繁體中文", "한국의", and "Português".

Version 8.0



Policies **Reports**

▼ Data Usage

Timeline

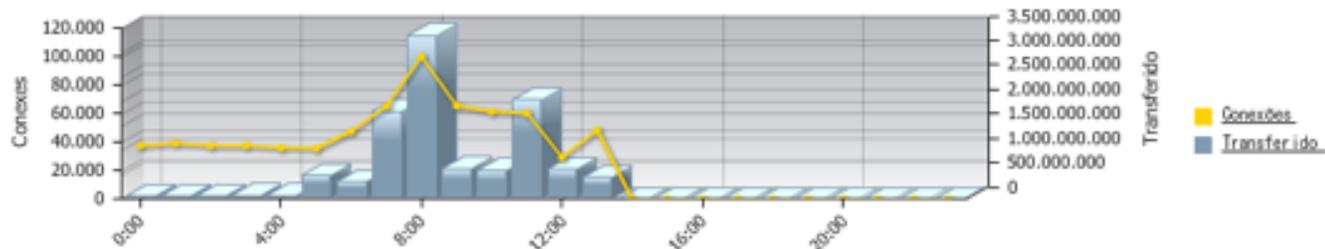
- Initiators
- Responders
- Services
- Details
- ▶ Applications
- ▶ User Activity
- ▶ Web Activity
- ▶ Web Filter
- ▶ VPN Usage
- ▶ Intrusions
- ▶ Botnet
- ▶ Geo-IP
- ▶ Gateway Viruses
- ▶ Spyware
- ▶ Attacks
- ▶ Authentication
- ▶ Up/Down Status
- ▶ Custom Reports
- ▶ Analyzers
- ▶ Flow Activity
- ▶ Configuration
- ▶ Events

Cronograma

◀ Nov 06, 2015 00:00 para Nov 06, 2015 23:59 ▶

+ [Refresh] [Close] [Print] - Carregar relatório p... ▼

Cronograma



Tempo	▲ Conexões	Transferido	Custo
1 06/11/2015 00:00	37.460	61,34 MB	USD 0,61
2 06/11/2015 01:00	39.156	64,99 MB	USD 0,65
3 06/11/2015 02:00	37.479	60,76 MB	USD 0,61
4 06/11/2015 03:00	37.377	65,69 MB	USD 0,66
5 06/11/2015 04:00	36.209	71,19 MB	USD 0,71
6 06/11/2015 05:00	35.536	464,66 MB	USD 4,65
7 06/11/2015 06:00	47.551	337,21 MB	USD 3,37
8 06/11/2015 07:00	65.208	1,67 GB	USD 17,07
9 06/11/2015 08:00	99.981	3,12 GB	USD 31,94
10 06/11/2015 09:00	65.414	596,31 MB	USD 5,96
11 06/11/2015 10:00	61.391	565,27 MB	USD 5,65
12 06/11/2015 11:00	60.191	1,9 GB	USD 19,41
13 06/11/2015 12:00	29.552	589,84 MB	USD 5,90
14 06/11/2015 13:00	48.143	420,92 MB	USD 4,21
Total	700.648	9,9 GB	USD 101,40

• Relatório gerado para fuso horário: Fuso horário de Brasília
 • Proprietário do relatório: System@LocalDomain



Policies **Reports**

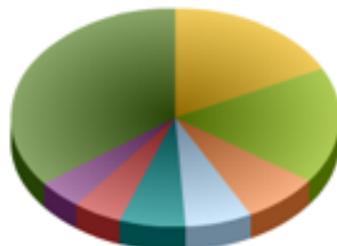
- ▼ Data Usage
 - Timeline
 - Initiators**
 - Responders
 - Services
 - Details
- ▶ Applications
- ▶ User Activity
- ▶ Web Activity
- ▶ Web Filter
- ▶ VPN Usage
- ▶ Intrusions
- ▶ Botnet
- ▶ Geo-IP
- ▶ Gateway Viruses
- ▶ Spyware
- ▶ Attacks
- ▶ Authentication
- ▶ Up/Down Status
- ▶ Custom Reports
- ▶ Analyzers
- ▶ Flow Activity
- ▶ Configuration
- ▶ Events

Iniciadores principais

Nov 06, 2015 00:00 para Nov 06, 2015 23:59

+ [Refresh] [Close] [Print] - Carregar relatório p...

Iniciadores



- 10.10.10.168 - 2c:f0:ee:dd:3e:e7 - pedro
- 10.10.10.162 - d4:f4:6f:1a:a8:d0 - guilherme
- 179.107.106.82 - 82-106-107-179.telbrax.net.br
- 10.10.10.19 - fc:fc:48:9d:cd:b5
- 10.10.10.67 - 00:13:3b:0c:27:79 - guilherme
- 10.10.10.10 - 00:0c:29:9a:57:66
- 10.10.10.159 - 00:18:8b:df:69:48 - luciano
- Others

	IP do iniciador	Host do iniciador	MAC do Iniciador	Usuário	Conexões	Transferido
1	10.10.10.168		2c:f0:ee:dd:3e:e7	pedro	378	1,47 GB
2	10.10.10.162		d4:f4:6f:1a:a8:d0	guilherme	3.618	1,45 GB
3	179.107.106.82	82-106-107-179.telbrax.net.br			583	648,53 MB
4	10.10.10.19		fc:fc:48:9d:cd:b5		1.054	566,42 MB
5	10.10.10.67		00:13:3b:0c:27:79	guilherme	35.608	557,29 MB
6	10.10.10.10		00:0c:29:9a:57:66		71	412,81 MB
7	10.10.10.159		00:18:8b:df:69:48	luciano	7.688	375,34 MB
8	187.8.38.218	187-8-38-218.customer.tdatabrasil			30	347,49 MB
9	179.234.10.210				1	339,13 MB
10	200.223.243.98				7	327,53 MB
11	10.10.10.47		00:0d:c5:d2:50:53		17.715	296,39 MB
12	10.10.10.76		00:1e:c9:1d:4f:c9	fabio	25.191	264,39 MB
13	10.10.10.32		00:1e:c9:1c:f6:35	marcelo	16.788	238,29 MB
14	10.10.10.38		00:1e:c9:1c:f5:7f	lucas	17.657	215,79 MB
15	10.10.10.20		74:e6:e2:cf:f9:e4		13.859	211,52 MB
16	10.10.10.24		00:18:8b:e4:2a:5e	NETSOL\griseida	1.991	205,36 MB
17	10.10.10.26		3c:07:54:10:68:23	douglas	4.883	196,9 MB
18	10.10.10.57		00:18:8b:25:e3:1d	pedro	3.758	132,82 MB
Total					164.427	8,38 GB

Policies **Reports**

- ▼ Data Usage
- Timeline
- Initiators**
- Responders
- Services
- Details
- ▶ Applications
- ▶ User Activity
- ▶ Web Activity
- ▶ **VPN Filter**
- ▶ VPN Usage
- ▶ Intrusions
- ▶ Botnet
- ▶ Geo-IP
- ▶ Gateway Viruses
- ▶ Spyware
- ▶ Attacks
- ▶ Authentication
- ▶ Up/Down Status
- ▶ Custom Reports
- ▶ Analyzers
- ▶ Flow Activity
- ▶ Configuration
- ▶ Events

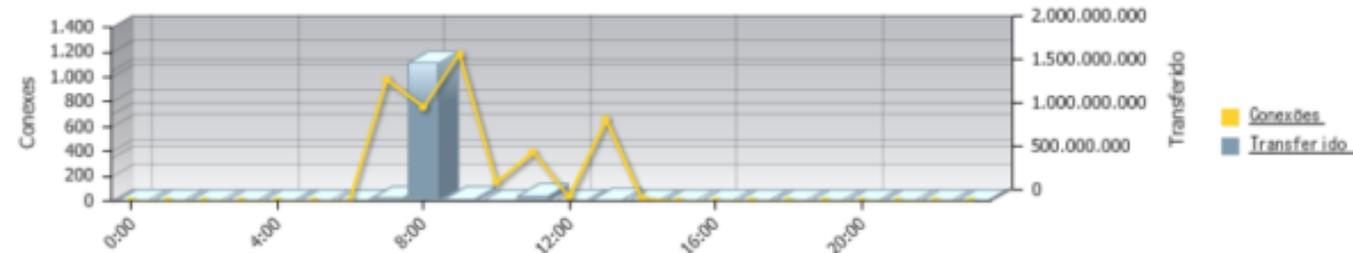
Detalhes do uso de dados

Nov 06, 2015 00:00 para Nov 06, 2015 23:59

+ Usuário IN pedro

- Carregar relatório p...

Cronograma



Iniciadores

	IP do iniciador	Host do iniciador	MAC do Iniciador	Usuário	Conexões	Transferido
1	10.10.10.168		2c:f0:ee:cd:d:3e:e7	pedro	378	1,47 GB
2	10.10.10.57		00:18:8b:25:e3:1d	pedro	3.782	132,87 MB
3	10.10.10.57			pedro	24	9,73 KB
4	10.10.10.168			pedro	4	1,38 KB
Total					4.188	1,6 GB

Serviços

	Serviço	Conexões	Transferido
1	tcp/http	964	1,55 GB
2	tcp/https	801	15,35 MB
3	tcp/5938	4	12,24 MB
4	tcp/10000	1.555	9,82 MB
5	tcp/7071	59	8,64 MB
Total		3.383	1,6 GB

Respondentes

IP do respondente	Host respondente	MAC do Respondente	Conexões	Transferido
...



Policies Reports

- ▶ Data Usage
- ▶ Applications
- ▶ User Activity
- ▼ Web Activity
 - Categories
 - Sites
 - Initiators
 - Timeline
 - Details
- ▶ Web Filter
- ▶ VPN Usage
- ▶ Intrusions
- ▶ Botnet
- ▶ Geo-IP
- ▶ Gateway Viruses
- ▶ Spyware
- ▶ Attacks
- ▶ Authentication
- ▶ Up/Down Status
- ▶ Custom Reports
- ▶ Analyzers
- ▶ Flow Activity
- ▶ Configuration
- ▶ Events

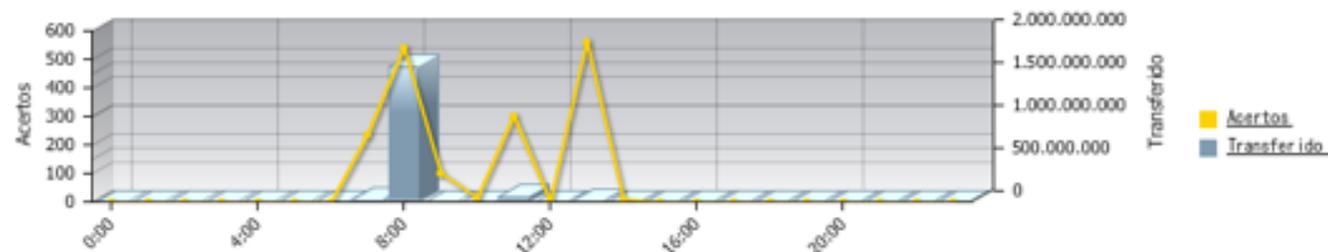
Detalhes da atividade da Web

◀ Nov 06, 2015 00:00 para Nov 06, 2015 23:59 ▶

+ Usuário IN pedro

- Carregar relatório p...

Cronograma



Categorias

Categoria	Tempo de naveg	Acertos	Transferido
1 Information Technology/Computers	00:13:55	557	1,56 GB
2 Business and Economy	00:11:40	467	7,98 MB
3 Not Rated	00:06:31	261	2,37 MB
4 Search Engines and Portals	00:03:39	146	1,3 MB
5 Web Hosting	00:00:13	9	325,83 KB
Total		1.440	1,57 GB

Sites

IP do site	Nome do site	Categoria	Tempo de naveg	Acertos	Transferido
1 72.246.216.42	applinkd.apple.com	Information Technology/Comp	00:00:01	1	1,1 GB
2 17.253.55.202	applinkd.apple.com	Information Technology/Comp	00:00:01	1	320,16 MB
3 91.189.91.23	archive.ubuntu.com	Information Technology/Comp	00:02:37	105	76,57 MB
4 17.253.55.202	iosapps.itunes.apple.com	Information Technology/Comp	00:00:01	1	45,5 MB
5 40.114.146.141	login.teamviewer.com	Information Technology/Comp	00:00:09	6	4,12 MB
Total				114	1,53 GB

Iniciadores



Policies Reports

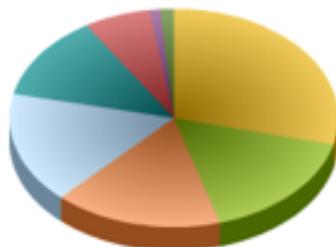
- ▶ Data Usage
- ▶ Applications
- ▶ User Activity
- ▶ Web Activity
- ▶ Web Filter
- ▶ VPN Usage
- ▼ Intrusions
 - Detected
 - Blocked
 - Targets
 - Initiators
 - Timeline
 - Details
 - Alerts
- ▶ Botnet
- ▶ Geo-IP
- ▶ Gateway Viruses
- ▶ Spyware
- ▶ Attacks
- ▶ Authentication
- ▶ Up/Down Status
- ▶ Custom Reports
- ▶ Analyzers
- ▶ Flow Activity
- ▶ Configuration
- ▶ Events

Principais intrusões detectadas

Out 31, 2015 00:00 para Nov 06, 2015 23:59

+ - Carregar relatório p... ▾

Intrusões



- Echo Reply - Low
- PING BSDtype - Low
- PING *NIX - Low
- PING - Low
- Destination Unreachable (Port Unreachable) - Low
- Time-To-Live Exceeded in Transit - Low
- SMTP EHLO ylmf-pc Domain - Low
- Others

Intrusão	Prioridade	Eventos
1 Echo Reply	Low	9.127
2 PING BSDtype	Low	5.237
3 PING *NIX	Low	5.230
4 PING	Low	5.225
5 Destination Unreachable (Port Unreachable)	Low	3.955
6 Time-To-Live Exceeded in Transit	Low	2.066
7 SMTP EHLO ylmf-pc Domain	Low	326
8 SMTP Relay Denied	Low	168
9 Suspicious SIP Traffic - I 02	Low	72
10 LOIC Low Orbit Ion Cannon Exploit 6	Medium	39
11 Obfuscated JavaScript Code 13	Low	31
12 OpenVPN Heartbleed Information Disclosure	Low	28
13 Obfuscated JavaScript Code 10	Low	22
14 Suspicious XML File - I 01	Low	19
15 DNS Query example.com	Low	15
16 Obfuscated JavaScript Code 16	Low	10
17 OpenSSL Heartbleed Information Disclosure 5	High	8
18 Obfuscated JavaScript Code 11	Low	8
Total		31.595

• Relatório gerado para fuso horário: Fuso horário de Brasília
 • Proprietário do relatório: System@LocalDomain

LiveDemo

- Home
- Media
- Next-Generation Firewall / UTM
- Management & Reporting
- Secure Remote Access
Secure Mobile Access
- Anti Spam & Email Security
- KACE Management Center
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AI Control & Visualization	SM 9400	NSA 6600	NSA 3600 NSA 2600	TZ 600	TZ 500 TZ 500W	TZ 400 TZ 400W	TZ 300 TZ 300W	SOHO W
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Site: <http://livedemo.sonicwall.com/>

Perguntas



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