Secure Remote Access Series for SMB

Comprehensive and easy-to-use clientless secure remote access

Today's small- to mid-sized businesses (SMBs) depend on a mobile workforce. The "Consumerization of IT" is driving "Bring Your Own Device" (BYOD) initiatives to deploy smartphones, tablets and—most commonly—Windows-based laptops and netbooks. These IT-managed and non-IT-managed devices require easily deployed secure remote access and endpoint control. Moreover, IT must support and control remote PCs, and handle spikes in remote access for disaster preparedness.

The Dell™ SonicWALL™ Secure Remote Access (SRA) Series for SMB is one of the most comprehensive secure remote access solutions on the market today. The SRA Series for SMB provides clientless, network-level access for Windows®, Mac OS®, Linux®, Apple iOS and Google® Android™, plus optional Web Application Firewall (WAF) Service and multi-platform remote support. The solution lets authorized mobile workers and contractors connect over SSL VPN using a standard web browser. The SRA Series offers granular unified policy, two-factor authentication, load balancing and high availability. Dell SonicWALL End Point Control™ (EPC™) delivers enterprise-class device

identification and enforces granular security posture requirements on Windows, Mac OS and Linux devices. Easily and flexibly deployed into virtually any network with no pre-installed clients, the SRA Series eliminates the costs associated with deploying and maintaining traditional IPSec VPNs.

Dell SonicWALL Secure Virtual Assist* permits Windows-based technicians to support Windows, Mac OS or Linux devices remotely. Dell SonicWALL Secure Virtual Meeting** allows for secure and cost-effective collaboration.

SonicWALL Mobile Connect™, a single unified client app for Apple iOS and Google Android, provides smartphone and tablet users superior network-level access to corporate and academic resources over encrypted SSL VPN connections. It is downloadable from either the App Store℠ or Google Play.

- Seamless integration behind virtually any firewall
- Mobile device support
- NetExtender technology
- Granular unified policy
- Two-factor authentication
- High availability
- Web Application Firewall Service
- End Point Control (EPC)
- Easy, cost-effective deployment
- Remote support
- Secure Virtual Meeting
- Clean VPN
- Spike licenses
- Load balancing

*Additional license required; available as a software add-on module
**Available in conjunction with Secure Virtual Assist for SRA 4600 and SRA Virtual Appliances only

Features and benefits

Seamless integration behind virtually any firewall enables easy deployment.

Mobile device support delivers ActiveSync-based, as well as clientless remote access for Apple iOS, and Google Android devices. SonicWALL Mobile Connect, a single unified client app for iOS and Android, provides smartphone and tablet users superior network-level access to corporate and academic resources over encrypted SSL VPN connections.

NetExtender technology enables network-level access to resources, services and applications from a variety of platforms including Windows, Google Android, Mac OS and Linux.

Granular unified policy displays bookmarks and policies in one centralized page, easing administration. Multiple and custom LDAP policies can restrict unauthorized access to specific applications or resources.

Two-factor authentication provides tokenless, enhanced protection against key loggers by generating a unique one-time password that is sent to a remote user's mobile device or email address.

High availability allows administrators to deploy an active-backup pair of SRA 4600 appliances to enhance uptime while reliably providing security for remote access users.

Web Application Firewall Service* blocks cross-site scripting, injection attacks and cookie tampering (in compliance with OWASP Top 10 and PCI DSS), prevents credit card and Social Security Number theft, and allows automatic Application Profiling for multiple WAF-enabled portals.

End Point Control (EPC) for the SRA Series allows for the unique identification of Windows, Mac OS and Linux devices to tie them to the authorized user as well as the ability to assess the security posture of the device by looking for security components such as anti-virus and anti-spyware software.

Easy, cost-effective deployment into virtually any network with no pre-installed clients, the SRA for SMB Series eliminates the cost and complexity of deploying and maintaining traditional IPSec VPNs.

Remote support using Dell SonicWALL Secure Virtual Assist* enables technicians to provide secure on-demand assistance to customers on Windows, Mac OS or Linux devices. Secure Virtual Access* provides secure remote control of unattended Windows machines.

Secure Virtual Meeting** instantly brings meeting participants together in a secure and cost-effective fashion.

Clean VPN™ secures the integrity of VPN access, decrypts and removes threats from traffic tunneled over SSL VPN before they enter the network through a combined deployment of a Dell SonicWALL SRA Series appliance with a Dell SonicWALL Next-Generation Firewall.

Spike licenses* can increase licensed remote user count instantly for seamless continuity during disruptions or emergencies.

Load balancing can be deployed to partition requests across multiple web servers.
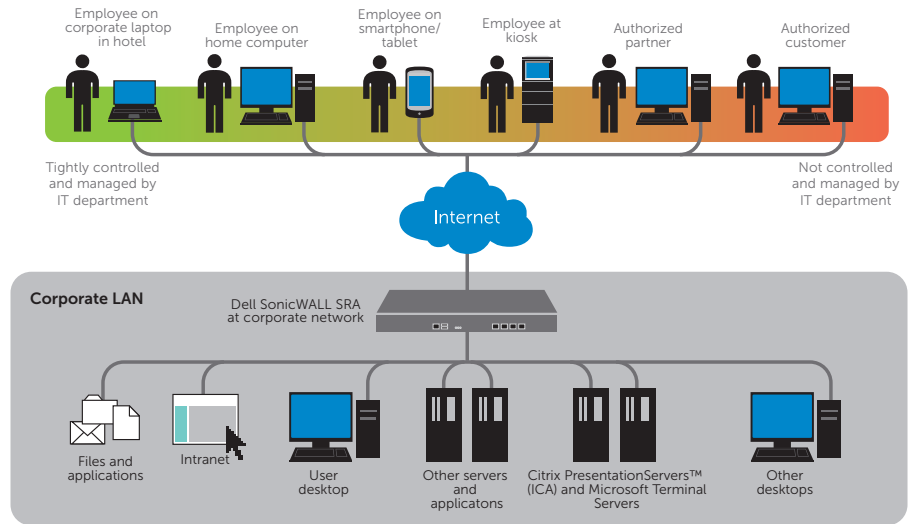
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DELL Software

Dell SonicWALL SRA Series for SMB – anytime, anywhere access to resources

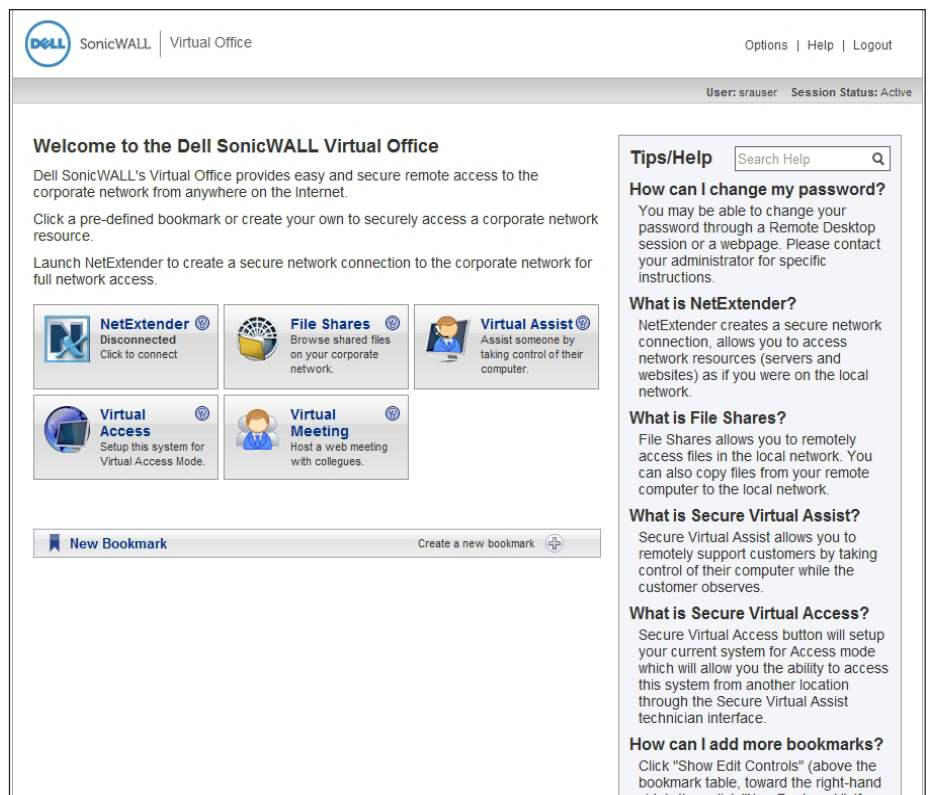### Granular access to authorized users

The SRA Series for SMB extends secure remote access beyond managed employees to unmanaged remote employees, partners, and customers without compromising security, by employing fine-grained access controls.

Employee on corporate laptop in hotel · Employee on home computer · Employee on smartphone/tablet · Employee at kiosk · Authorized partner · Authorized customer

Tightly controlled and managed by IT department — Not controlled and managed by IT department

Internet

Corporate LAN — Dell SonicWALL SRA at corporate network

Files and applications · Intranet · User desktop · Other servers and applicatons · Citrix PresentationServers™ (ICA) and Microsoft Terminal Servers · Other desktops

Broad access to resources

The SRA Series for SMB can be used to provide Windows, Mac OS, iOS, Linux, and Android users with access to a broad range of resources

- Mobile Connect, a single unified client app for iOS and Android, provides smartphone and tablet users superior network-level access to corporate and academic resources over encrypted SSL VPN connections
- NetExtender enables network-level access to resources, services and applications such as Microsoft® Outlook, as well as automatic Client DNS registration
- The Virtual Office portal enables web-based access to intranet (HTTP, HTTPS), file (FTP, CIFS), desktop (Citrix®, Terminal Server, VNC), and terminal (Telnet, SSH) resources
- If an application supports URL rewriting, it can be accessed by bookmarks; otherwise, by Application Offloading

SonicWALL | Virtual Office
Options | Help | Logout
User: srauser   Session Status: Active

Welcome to the Dell SonicWALL Virtual Office

Dell SonicWALL's Virtual Office provides easy and secure remote access to the corporate network from anywhere on the Internet.

Click a pre-defined bookmark or create your own to securely access a corporate network resource.

Launch NetExtender to create a secure network connection to the corporate network for full network access.

NetExtender — Disconnected — Click to connect

File Shares — Browse shared files on your corporate network.

Virtual Assist — Assist someone by taking control of their computer.

Virtual Access — Setup this system for Virtual Access Mode.

Virtual Meeting — Host a web meeting with colleges.

New Bookmark — Create a new bookmark

Tips/Help Search Help

How can I change my password?
You may be able to change your password through a Remote Desktop session or a webpage. Please contact your administrator for specific instructions.

What is NetExtender?
NetExtender creates a secure network connection, allows you to access network resources (servers and websites) as if you were on the local network.

What is File Shares?
File Shares allows you to remotely access files in the local network. You can also copy files from your remote computer to the local network.

What is Secure Virtual Assist?
Secure Virtual Assist allows you to remotely support customers by taking control of their computer while the customer observes.

What is Secure Virtual Access?
Secure Virtual Access button will setup your current system for Access mode which will allow you the ability to access this system from another location through the Secure Virtual Assist technician interface.

How can I add more bookmarks?
Click "Show Edit Controls" (above the bookmark table, toward the right-hand side), then click "New Bookmark". If

Simple to manage

SRA Series solutions feature Unified Policy and an intuitive web-based management interface that offers context-sensitive help to enhance usability. In addition, multiple products can be centrally managed using the Dell SonicWALL Global Management System (GMS 4.0+). Resource access via the products can be effortlessly monitored using the Dell SonicWALL Analyzer reporting tool.

DELL Software

Dell SonicWALL secure remote access solutions

Secure remote PC control, support and collaboration

In organizations with distributed or branch locations, an administrator, technician, or authorized employee may require full control of a specific PC that may not be located on the same LAN network. Licensed with Dell SonicWALL Secure Virtual Access, Secure Virtual Assist enhances productivity by enabling remote support for Windows, Mac OS and Linux devices as well as secure remote control of unattended Windows-based computers. In addition, organizations now have a means to conduct cost-effective virtual meetings. Unlike other virtual meeting solutions, Dell SonicWALL Secure Virtual Meeting leverages advanced SSL technology along with user authentication to comprehensively protect sensitive and proprietary communications.
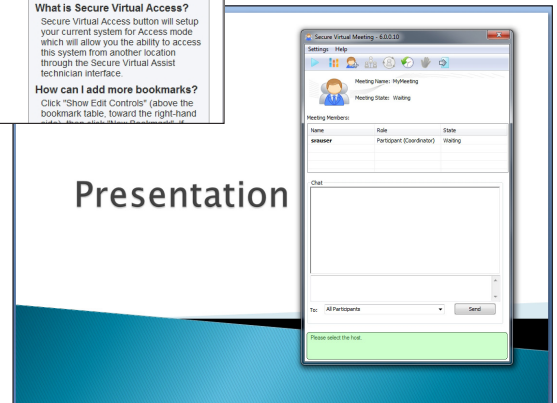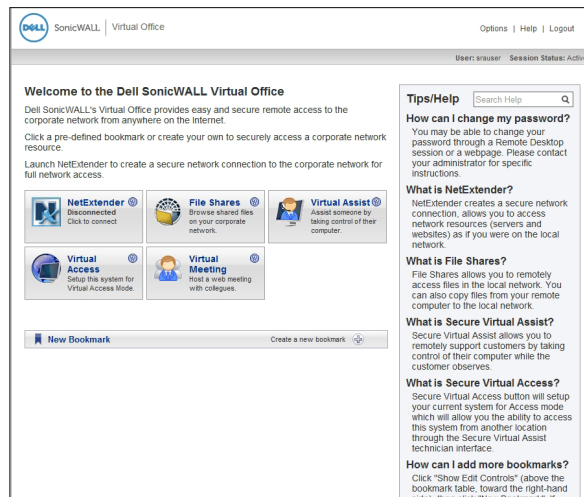
Enhanced solution with Clean VPN

Dell SonicWALL SRA Series for SMB appliances integrate seamlessly into almost any network topology and can be easily deployed alongside virtually any third-party firewall. Deployment with a Dell SonicWALL Next-Generation Firewall running Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service along with Application Intelligence, Control and Visualization further enhances protection benefits. Deploying NetExtender in conjunction with Enforced Client Anti-Virus and Anti-Spyware on managed PCs enforces endpoint security. Secure Virtual Assist also offers seamless integration by leveraging the appliance's local and external authentication facilities. Furthermore, Web Application Firewall Service applies reverse proxy analysis of Layer 7 traffic against known signatures, denies access upon detecting web application vulnerabilities such as SQL Injection attacks, and redirects users to an explanatory error page.

DELL Software

Dell SonicWALL secure remote access solutions

Secure remote access solution
With the mobile workforce increasing and greater threats of unexpected disruptions, remote access has become a business necessity. An SRA appliance deployed in one-arm mode alongside a Dell SonicWALL Next-Generation Firewall (or virtually any other third-party firewall) enables remote users to access corporate network resources securely from anywhere outside the LAN.
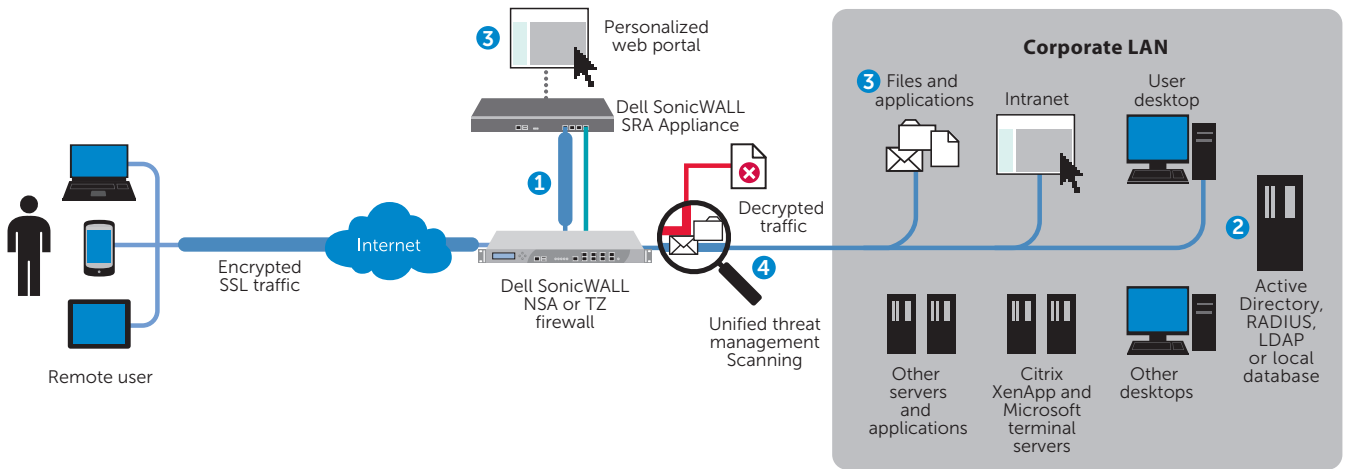
❶ Incoming HTTPS traffic is seamlessly forwarded by the Dell SonicWALL NSA or TZ Series firewall to the Dell SonicWALL SRA appliance, which decrypts and authenticates network traffic.

**❷** Users are authenticated using the onboard database or through third-party authentication methods such as LDAP, Active Directory, Radius, Dell Quest Defender and other two-factor authentication solutions.

❸ A personalized web portal provides access to only those resources that the user is authorized to view based on company policies.

❹ To create a Clean VPN environment, traffic is passed through to the NSA or TZ Series firewall (running Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, and Application Intelligence and Control), where it is fully inspected for viruses, worms, Trojans, spyware and other sophisticated threats.


Endpoint control
Dell SonicWALL End Point Control (EPC) for the SRA Series delivers enterprise-class device identification and enforces granular security posture requirements on Windows, Mac OS and Linux endpoint devices. EPC for the SRA Series allows for the unique identification of the endpoints as well as the ability to assess the security posture of the device by looking for security components such as anti-virus and anti-spyware software. This helps to establish device trust and reduce the chances of malware entering the network through non-IT-managed devices.

DELL Software
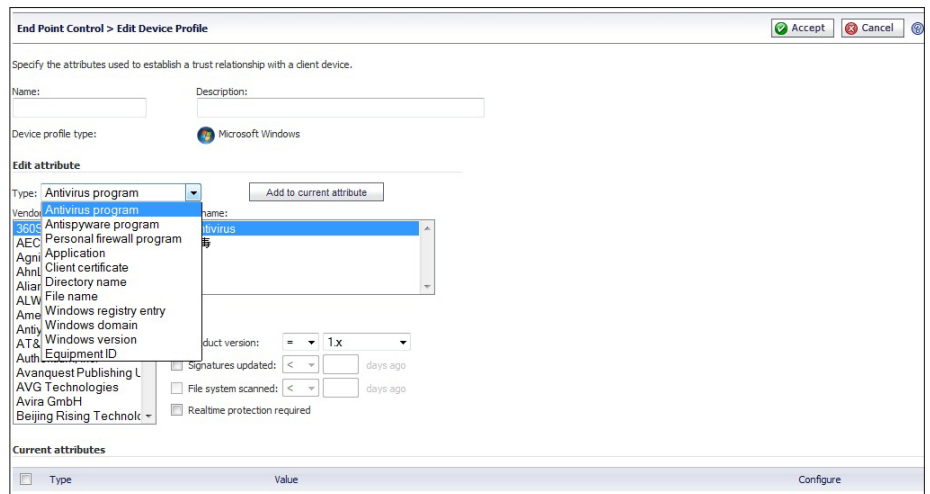
Dell SonicWALL secure remote access solutions

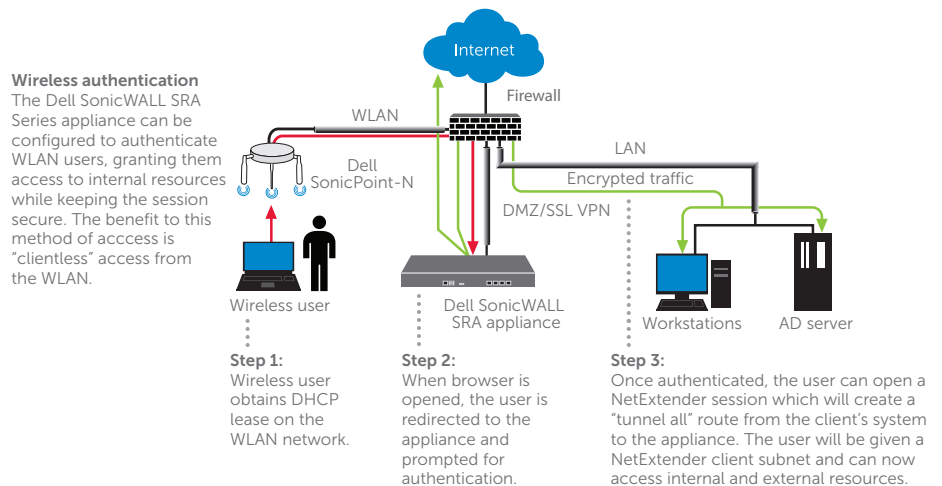### Web Application Firewall and PCI compliance

The Dell SonicWALL Web Application Firewall Service offers businesses a complete, affordable, well integrated compliance solution for web-based applications that is easy to manage and deploy. It supports OWASP Top Ten and PCI DSS compliance, providing protection against injection and cross-site scripting attacks (XSS), credit card and Social Security number theft, cookie tampering and cross-site request forgery (CSRF). Dynamic signature updates and custom rules protect against known and unknown vulnerabilities. Web Application Firewall can detect sophisticated web-based attacks and protect web applications (including SSL VPN portals), deny access upon detecting web application malware, and redirect users to an
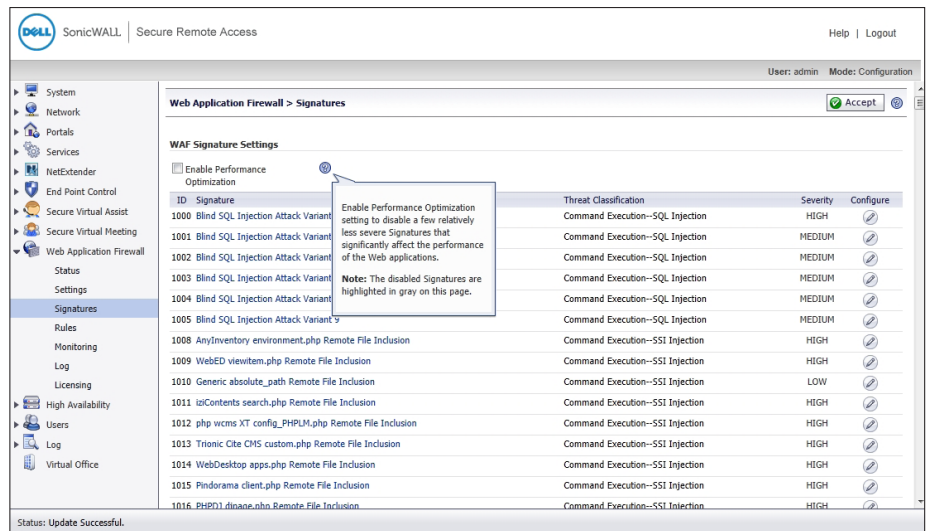
explanatory error page. It provides an easy-to-deploy offering with advanced statistics and reporting options for meeting compliance mandates. Application profiling enables virtual patching of vulnerabilities.

Clean Wireless remote access solution

More corporations, universities, hospitals and governmental organizations are implementing wireless networks and using SSL VPN as a secure and centralized access control solution. Dell SonicWALL SSL VPNs integrate seamlessly with Dell SonicWALL wireless access solutions. When deployed alongside a Dell SonicWALL Next-Generation Firewall (running Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, and Application Intelligence and Control) and Dell SonicWALL SonicPoints, a Dell SonicWALL SSL VPN solution ensures that users get access from anywhere on campus, and that the wireless connections are encrypted via the SSL protocol. As an added bonus, remote workers away from campus can connect into the corporate network via an SSL VPN connection. IT maintains centralized, granular access control over who can access what resources using a single gateway.

Wireless authentication
The Dell SonicWALL SRA Series appliance can be configured to authenticate WLAN users, granting them access to internal resources while keeping the session secure. The benefit to this method of access is "clientless" access from the WLAN.

Step 1:
Wireless user obtains DHCP lease on the WLAN network.

Step 2:
When browser is opened, the user is redirected to the appliance and prompted for authentication.

Step 3:
Once authenticated, the user can open a NetExtender session which will create a "tunnel all" route from the client's system to the appliance. The user will be given a NetExtender client subnet and can now access internal and external resources.

Software

Specifications

Performance

SRA 1600	Recommended for organizations with 50 or fewer employees
Concurrent user license:	Starts with 5 concurrent users. Additional user licenses available in 5 and 10 user increments.
Secure Virtual Assist technicians:	30-day trial-included/10-concurrent technicians maximum
User capacity*:	5-included/50-licensable/25-recommended
SRA 4600	Recommended for organizations with 250 or fewer employees
Concurrent user license:	Starts with 25 users. Additional user licences are available in 10, 25 and 100 user increments.
Secure Virtual Assist technicians:	30-day trial-included/25-concurrent technicians maximum
User capacity*:	25-included/500-licensable/100-recommended
Maximum allowable Meeting participants:	75
SRA Virtual Appliance	Recommended for organizations of any size
Concurrent user license:	User licenses available in 5, 10, and 25 user increments
Secure Virtual Assist technicians:	30-day trial-included/25-concurrent technicians maximum
User capacity*:	5-included/50-licensable
Maximum allowable Meeting participants:	75

Key Features

Applications supported	
Proxy	Citrix (ICA), HTTP, HTTPS, FTP, SSH, Telnet, RDP, VNC, Windows® file sharing (Windows SMB/CIFS), OWA 2003/2007/2010
NetExtender	Any TCP/IP based application: ICMP, VoIP, IMAP, POP, SMTP, etc.
Encryption	ARC4 (128), MD5, SHA-1, SHA-256, SHA-384, SSLv3, TLSv1, TLS 1.1, TLS 1.2, 3DES (168, 256), AES (256), RSA, DHE
Authentication	Dell Quest Defender, other two-factor authentication solutions, One-time Passwords, Internal user database, RADIUS, LDAP, Microsoft Active Directory
RDP support	Yes. Terminal Server farm (JAVA client only) and Remote Application support (Active-X only included)
Multiple domain support	Yes
Multiple portal support	Yes
Fine grain access control	At the user, user group and network resource level
Session security	Inactivity timeouts prevent unauthorized use of inactive sessions
Certificates	
Server	Self-signed with editable common name and and imported from third parties
Client	Optional client certificates supported
Cache cleaner	Configurable. Upon logout all cached downloads, cookies and URLs downloaded through the SSL tunnel are erased from the remote computer
Client PC operating systems supported	
Proxy	All operating systems
NetExtender	Windows 2003, 2008, XP/Vista (32-bit and 64-bit), 7 (32-bit and 64-bit), 8 (32-bit and 64-bit), Mac OS 10.4+, Linux Fedora Core 3+ / Ubuntu 7+ / OpenSUSE, Linux 64-bit
Mobile Connect	iOS 4.2 and higher, Android 4.0 and higher
Web browsers supported	Internet Explorer, Mozilla, Chrome, Opera, Safari
Personalized portal	The remote user sees only those resources that the administrator has granted access to based on company policy
Management	Web GUI (HTTP, HTTPS), Send syslog and heartbeat messages to GMS (4.0 and higher) SNMP Support
Usage monitoring	Graphical monitoring of memory, CPU, users and bandwidth usage
Unified policy	Yes. Also supports policies which have multipleAD groups
Logging	Detailed logging in an easy-to-read format, Syslog supported email alerts
Single-arm mode	Yes
Dell SonicWALL Secure Virtual Assist or Secure Virtual Access (licensed together)	Connection to remote PC, chat, FTP, session recording and diagnostic tools

Secure Virtual Meeting**	Instantly brings meeting participants together securely and cost-effectively
IPv6 support	Basic
Load balancing	HTTP/HTTPS load balancing with failover. Mechanisms include weighted requests, weighted traffic, least requests
High Availability	SRA 4600 only
Application offloading	Yes
Web Application Firewall	Yes
End Point Control (EPC)	Yes
Geolocation-based policies	Yes
Botnet filtering	Yes

Hardware

Hardened security appliance	
SRA 1600	Yes
SRA 4600	Yes
Interfaces	
SRA 1600	(2) gigabit Ethernet, (2) USB, (1) console
SRA 4600	(4) gigabit Ethernet, (2) USB, (1) console
Processors	
SRA 1600	x86 main processor
SRA 4600	x86 main processor
Memory (RAM)	
SRA 1600	1 GB
SRA 4600	2 GB
Flash memory	
SRA 1600	1 GB
SRA 4600	1 GB
Power supply/input	
SRA 1600	Internal, 100-240VAC, 50-60MHz
SRA 4600	Internal, 100-240VAC, 50-60MHz
Max power consumption	
SRA 1600	47 W
SRA 4600	50 W
Total heat dissipation	
SRA 1600	158.0 BTU
SRA 4600	171.0 BTU
Dimensions	
SRA 1600	17.00 x 10.13 x 1.75 in 43.18 x 25.73 x 4.45 cm
SRA 4600	17.00 x 10.13 x 1.75 in 43.18 x 25.73 x 4.45 cm
Appliance weight	
SRA 1600	9.50 lbs 4.30 kg
SRA 4600	9.50 lbs 4.30 kgs
WEEE weight	
SRA 1600	10.0 lbs 4.50 kg
SRA 4600	10.0 lbs 4.50 kgs
Major regulatory compliance	FCC Class A, ICES Class A, CE, C-Tick, VCCI Class A, KCC, ANATEL, BSMI, NOM, UL, cUL, TUV/GS, CB
Environment	32-105˚ F, 0-40˚ C Humidity 5-95% RH, non-condensing
MTBF	
SRA 1600	18.3 years
SRA 4600	17.8 years

SRA Virtual Appliance

SRA virtual appliance virtualized environment requirements (Minimum)

Hypervisor:	VMWare ESXi and ESX (version 4.0 and newer)
Appliance size (on disk):	2 GB
Allocated memory:	2 GB

* The recommended number of users supported is based on factors such as access mechanisms, applications accessed and application traffic being sent.

** Available in conjunction with Secure Virtual Assist for SRA 4600 and SRA Virtual Appliances only

SRA 1600, 5 user 01-SCC-6594

SRA 1600 additional users
(50 user maximum)
Add 5 Concurrent users 01-SSC-7138
Add 10 Concurrent users 01-SSC-7139

SRA 1600 support
Dell SonicWALL Dynamic Support 24x7
for up to 25 Users (1-year) 01-SSC-7141
Dell SonicWALL Dynamic Support 8x5
for up to 25 Users (1-year) 01-SSC-7144

SRA 4600, 25 user 01-SSC-6596

SRA 4600 additional users
(500 user maximum)
Add 10 Concurrent Users 01-SSC-7118
Add 25 Concurrent Users 01-SSC-7119
Add 100 Concurrent Users 01-SSC-7120

SRA 4600 Support
Dell SonicWALL Dynamic Support 24x7
for up to 100 Users (1-year) 01-SSC-7123
Dell SonicWALL Dynamic Support 8x5
for up to 100 users (1-year) 01-SSC-7126
Dell SonicWALL Dynamic Support 24x7
for 101 to 500 users (1-year) 01-SSC-7129
Dell SonicWALL Dynamic Support 8x5
for 101 to 500 users (1-year) 01-SSC-7132

SRA virtual appliance
Dell SonicWALL SRA Virtual Appliance,
5 User 01-SSC-8469

SRA virtual appliance
additional users
(50 user maximum)
Add 5 concurrent users 01-SSC-9182
Add 10 concurrent users 01-SSC-9183
Add 25 concurrent users 01-SSC-9184

SRA virtual appliance support
Dell SonicWALL Dynamic Support 8x5
for up to 25 users (1-year) 01-SSC-9188
Dell SonicWALL Dynamic Support 24x7
for up to 25 users (1-year) 01-SSC-9191
Dell SonicWALL Dynamic Support 8x5
for up to 50 users (1-year) 01-SSC-9194
Dell SonicWALL Dynamic Support 24x7
for up to 50 users (1-year) 01-SSC-9197

For more information on Dell SonicWALL Secure Remote Access solutions, visit **www.sonicwall.com**.

Security Monitoring Services from Dell SecureWorks are available for this appliance Series. For more information, visit **www.dell.com/secureworks**

Software