Secure Remote Access Series

Enable mobile and remote worker productivity while protecting from threats

The proliferation of mobile devices in the workplace has increased the demand for secure access to mission-critical applications, data and resources. Granting that access offers important productivity benefits to the organization, but introduces significant risks as well.

For example, an unauthorized person might access company resources using a lost or stolen device; an employee's mobile device might act as a conduit to infect the network with malware; or corporate data might be intercepted over third-party wireless networks. Also, loss of business data stored on devices can occur if rogue personal apps or unauthorized users gain access to that data.

Securing these devices is becoming increasingly difficult, as organizations may no longer influence device selection or control device management. Organizations must implement solutions that safeguard access to ensure only authorized users and devices that meet security policy are granted network access and that company data in-flight and at rest on the device are secure. Unfortunately, this often involves complex multi-box solutions from multiple vendors and adds significantly to the total cost of ownership behind providing mobile access. Organizations are looking for easy-to-use, cost-effective and secure mobile access solutions that address the needs of their increasingly mobile workforces.

The Dell™ SonicWALL™ Secure Remote Access (SRA) Series provides mobile and remote workers using smartphones, tablets or laptops —whether managed or unmanaged BYOD —with fast, easy, policy-enforced access to mission-critical applications, data and resources without compromising security.

For mobile devices, the solution includes the intuitive SonicWALL Mobile Connect™ application that provides iOS, Android, Kindle Fire, Windows, and Mac OSX devices secure access to allowed network resources, including shared folders, client-server applications, intranet sites and email.

Users and IT administrators can download the SonicWALL Mobile Connect application via the Apple App Store, Google Play and the Kindle store. New with Windows 8.1, Windows tablets and laptops ship pre-installed with the Mobile Connect application. For PCs and laptops, including Windows®, Mac OS and Linux® computers, the solution supports clientless, secure browser access and thin-client VPN access.

To protect from rogue access and malware, the SRA Series appliance connects only authorized users and trusted devices to permitted resources. When integrated with a Dell SonicWALL next-generation firewall as a Clean VPN™, the combined solution delivers centralized access control, malware protection, application control and content filtering. The multi-layered protection of Dell SonicWALL Clean VPN™ decrypts and decontaminates all authorized SSL VPN traffic before it enters the network environment.

Benefits:

- Cross-platform support for increased mobile worker productivity
- Single access gateway to all network resources; mobile app, clientless or web-delivered clients work to lower IT overhead and TCO
- Common user experience across all operating systems facilitates ease of use from any endpoint
- Mobile Connect app for iOS, Android, Windows 8.1 and Mac OSX offers mobile device ease of use
- Context aware authentication ensures only authorized users and trusted mobile devices are granted access
- One-click Secure Intranet File Browse and On-Device Data Protection
- Adaptive addressing and routing deploys appropriate access methods and security levels
- Setup wizard makes deployment easy
- Efficient object-based policy management of all users, groups, resources and devices
- Web application firewall enables PCI compliance

Features

Cross-platform support—SRA can be deployed across a wide range of environments and devices, including smartphones, tablets, laptops, desktops and kiosks for both managed and unmanaged devices. Dell SonicWALL SRA makes your users more productive by providing easy access to email, files, applications and more from popular devices including iOS and Android smartphones and tablets; Windows 8.1 tablets and laptops; and Mac OS®, Windows and Linux computers.

Single access gateway; mobile app, clientless or web-delivered clients—SRA lowers IT costs by enabling network managers to easily deploy and manage a single secure access gateway that extends remote access via SSL VPN for both internal and external users to all network resources —including web-based, client/server, host-based and back-connect applications like VoIP. SRAs are either clientless with browser access to the customizable SRA Workplace portable or use mobile apps or lightweight web-delivered clients, reducing management overhead and support calls. Administrators have even greater control over portal access, content and design with the Dell SonicWALL WorkPlace Portal.

Common user experience across all operating systems—SRA technology provides transparent access to network resources from any network environment or device. An SRA provides a single gateway for smartphone, tablet, laptop and desktop access and a common user experience across all operating systems — including Windows, Mac OS, iOS, Android, Kindle and Linux — from managed or unmanaged devices.

SonicWALL Mobile Connect app—SonicWALL Mobile Connect™ app for iOS, Mac OSX, Android, Kindle and Windows 8.1 mobile devices provides users with easy, network-level access to corporate and academic resources over encrypted SSL VPN connections. Mobile Connect is easily downloadable from the Apple App Store℠ ,Google Play or Kindle stores and embedded with Windows 8.1 devices.

Context awareness—Access to the corporate network is granted only after the user has been authenticated and mobile device integrity has been verified.

Protects data at rest on mobile devices—Authenticated users can securely browse and view allowed intranet file shares and files from within the Mobile Connect app. Administrators can establish and enforce mobile application management policy.

Adaptive addressing and routing—Adaptive addressing and routing dynamically adapts to networks, eliminating addressing and routing conflicts common with other solutions.

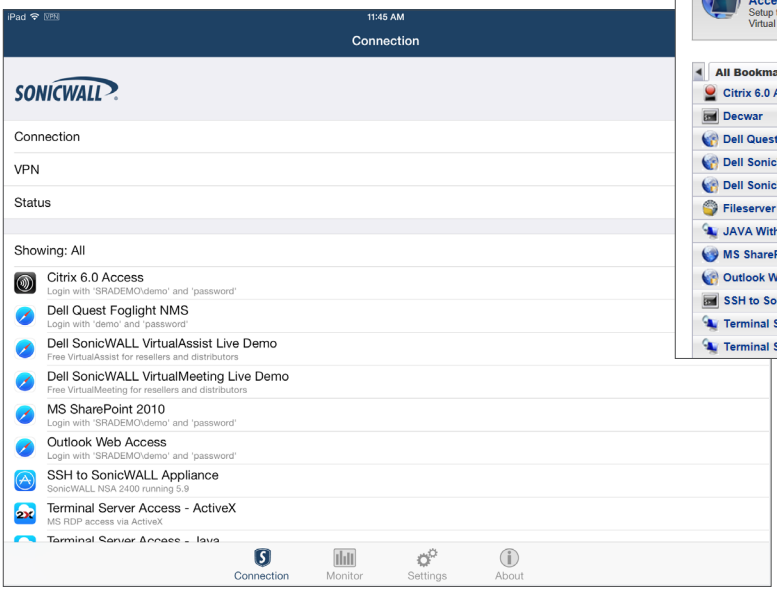
Dell SonicWALL setup wizard—All SRAs are easy to set up and deploy in just minutes. The set-up wizard provides an easy, intuitive "out-of-the-box" experience with rapid installation and deployment.

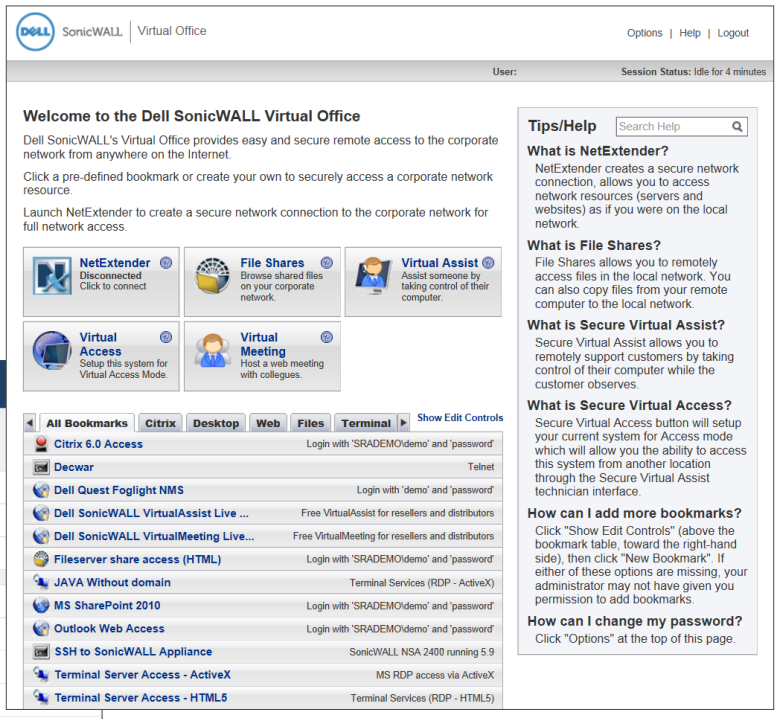
Unified Policy—Dell SonicWALL SRA Unified Policy offers easy, object-based policy management of all users, groups, resources and devices while enforcing granular control based on both user authentication and endpoint interrogation.

Dell SonicWALL SRA Series for SMB – anytime, anywhere access

Simple, secure mobile access to resources

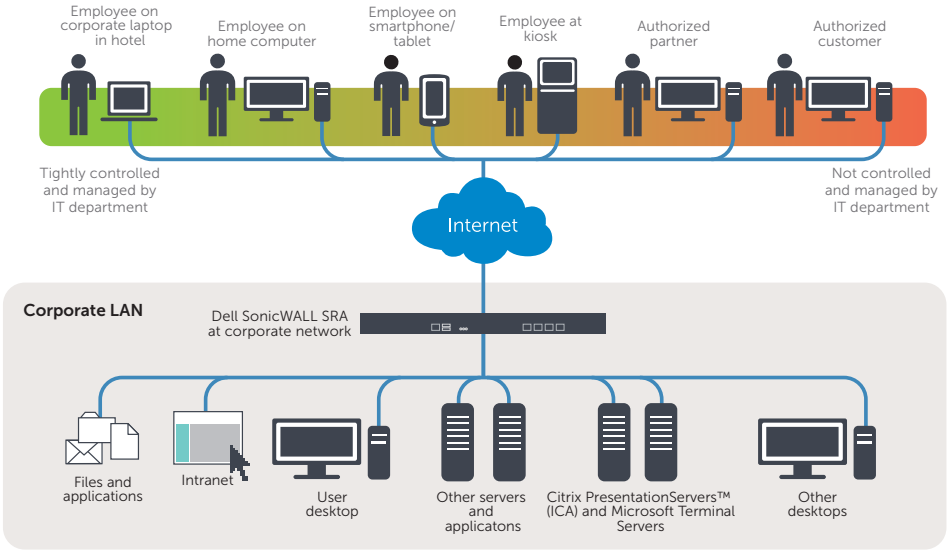
The SRA Series for SMB can be used to provide Windows, Mac OS, iOS, Linux, Android and Kindle users with access to a broad range of resources.





Granular access to authorized users

The SRA Series for SMB extends secure mobile and remote access beyond managed employees to unmanaged mobile and remote employees, partners, and customers by employing policy-enforced fine-grained access controls.

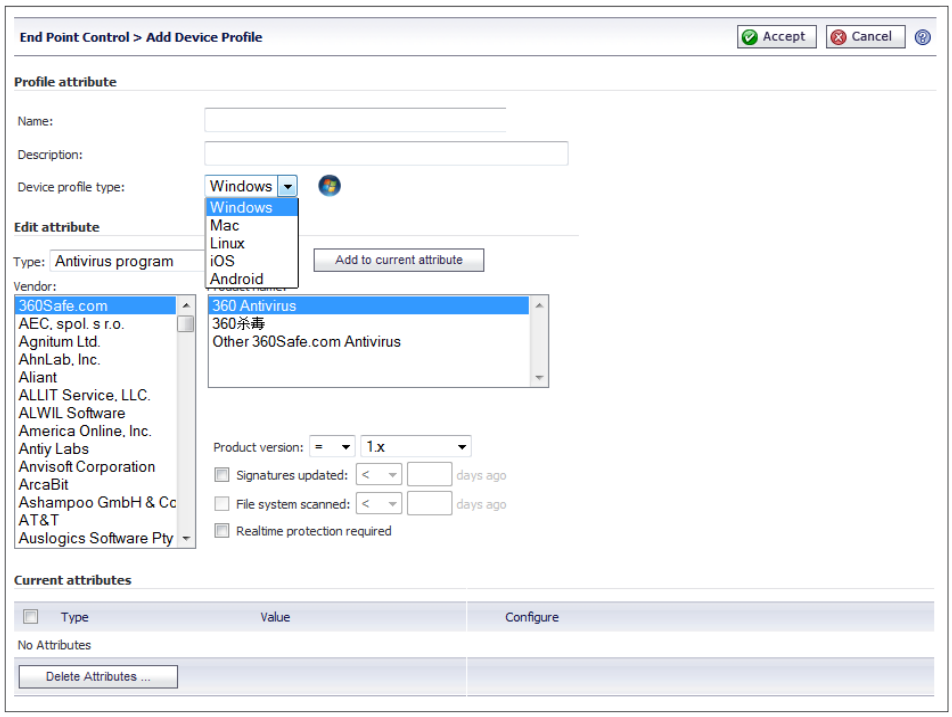


Context-aware authentication

Best-in-class, context-aware authentication grants access only to trusted devices and authorized users. Mobile devices are interrogated for essential security information such as jailbreak or root status, device ID, certificate status and OS versions prior to granting access. Laptops and PCs are also interrogated for the presence or absence of security software, client certificates, and device ID. Devices that do not meet policy requirements are not allowed network access and the user is notified of non-compliance.

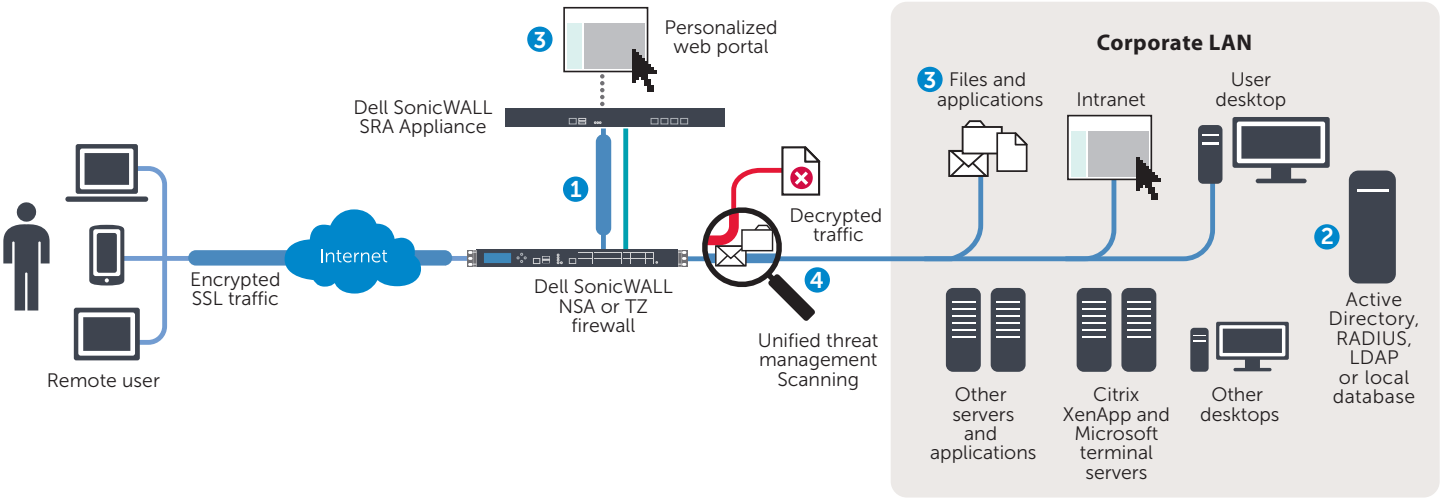
Protection of data at rest on mobile devices

Authenticated Mobile Connect users can securely browse and view allowed intranet file shares and files from within the Mobile Connect app. Administrators can establish and enforce mobile application management policy for the Mobile Connect app to control whether files viewed can be opened in other apps (iOS7 only), copied to the clipboard, printed or cached securely within the Mobile Connect app. For iOS7 devices, this allows administrators to isolate business data from personal data stored on the device and reduces the risk of data loss. In addition, if the user's credentials are revoked, content stored in the Mobile Connect app is locked and can no longer be accessed or viewed.



Clean VPN
When deployed with a Dell SonicWALL next-generation firewall, Mobile Connect establishes a Clean VPN™, an extra layer of protection that decrypts and scans all SSL VPN traffic for malware before it enters the network.

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.



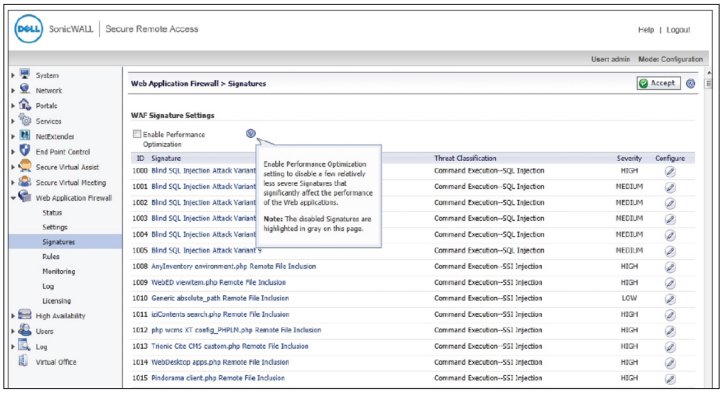
1 Incoming HTTPS traffic is seamlessly forwarded by the Dell SonicWALL NSA or TZ Series firewall to the Dell SonicWALL SRA appliance, which decrypts and authenticates network traffic.

2 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.

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

4 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.

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.



Specifications

Dell SonicWALL SRA for SMB Series

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), HTML5
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 device 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, OS X 10.9 and higher, Android 4.0 and higher, Kindle Fire running Android 4.0 and higher and Windows 8.1
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 multiple AD 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**

For more information

Dell SonicWALL
2001 Logic Drive
San Jose, CA 95124

www.sonicwall.com
T +1 408.745.9600
F +1 408.745.9300

DataSheet-SRASeries-US-TD611-20140207