# SonicWall Mobile Connect

Simple, identity-based and policy-enforced secure access to company resources, applications and data for iOS, MacOS, Android, Chrome OS, Kindle Fire and Windows 10 devices.

Give your employees safe, easy access to the data and resources they need to be productive from any device, running iOS, OS X, Android™, Chrome OS, Kindle Fire and Windows. At the same time, ensure that the corporate network is protected from mobile security threats.

The SonicWall Mobile Connect™ application works in combination with SonicWall Secure Mobile Access (SMA) or next-generation firewall appliances. Mobile workers simply install and launch the Mobile Connect application on their mobile device to establish a secure connection to an SMA or next-generation firewall appliance. The encrypted SSL VPN connection will protect traffic from being intercepted and keep in-flight data secure. Context-aware authentication ensures only authorized trusted users and devices are granted access.

Behind the scenes, IT can easily provision and manage access policies via SonicWall appliances through a single management interface, including restricting VPN access to a set of trusted mobile apps allowed by the administrator. Plus, the SonicWall solution integrates easily with most back-end authentication systems, including most popular identity providers and multi-factor services authentication, so you can efficiently extend your preferred authentication practices to your mobile remote and work-from-home (WFH) workers.

## BENEFITS

- Ease of use
- Centralized policy management
- Verification of both user and device
- Easy access to appropriate resources
- Malware protection
- Mobile device registration and authorization management
- Per-application VPN
- One-click secure intranet file browsing and on-device data protection
- Auto-launch VPN
- Easy integration
- Application intelligence and control

**Find the right SonicWall solution for your business:**

sonicwall.com/products

DATASHEET

**Provide fast, secure mobile access through an intuitive, easy-to-use app that is simple to install and launch on both smartphones and tablets.**

## Specifications compatibility

| SonicWall SMA and Next-Generation Firewall |
|---|
| TZ, NSA, E-Class NSA or Super Massive 9000 Series appliances running Sonic OS 5.9 or higher |
| SMA 100 Series/SRA appliances running 8.5 or higher |
| SMA 1000 Series/E-Class SRA appliances running 11.4 or higher |

| SonicWall Mobile Connect |
|---|
| Devices running iOS version 7.0 or higher |
| Devices running OS X 10.9 or higher |
| Devices running Android 4.1 or higher |
| Kindle Fire devices based on Android 4.1 or higher |
| Devices running ChromeOS 45 or higher |
| Devices running Windows 10 |

### Partner Enabled Services

Need help to plan, deploy or optimize your SonicWall solution? SonicWall Advanced Services Partners are trained to provide you with world class professional services. Learn more at www.sonicwall.com/PES.

## Features and benefits

### Ease of use

iOS, OS X, Windows 10, Android, Chrome OS and Kindle users can easily download and install the Mobile Connect app via the App Store™, Google Play, Chrome Web Store, Amazon App Store, or Windows Store.

### Centralized policy management

IT can provision and manage user and device accessing via SonicWall appliances — including control of data, resources and applications hosted on-prem or in the cloud — through a single management interface. Unlike other VPN solutions, the SonicWall solution allows you to quickly set role-based policy for mobile and laptop devices and users with a single rule across all objects; as a result, policy management can take only minutes instead of hours.

### Verification of both user and device

A Mobile Connect user is granted access to the corporate network only after establishing user and device identity, location and trust. End Point Control can determine whether an iOS device has been jailbroken or an Android device has been rooted, as well as whether a certificate is present or the OS version is current, and then reject or quarantine the connection as appropriate.

### Easy access to appropriate resources

Mobile devices can connect to all allowed network resources, including web-based, client/server, server-based, host-based and back-connect applications. Once a user and device are verified, Mobile Connect offers pre-configured bookmarks for one-click access to corporate applications and resources for which the user and device has privileges.

### Malware protection

When deployed with a SonicWall next-generation firewall, Mobile Connect establishes an extra layer of protection that decrypts and scans all SSL VPN traffic for malware before it enters the network. All files uploaded by trusted user to corporate networks are inspected by our cloud based multi-engine Capture ATP service to protect from advanced threats such as ransomware and zero-day threats.

### Mobile device registration and authorization policy management

With Mobile Connect and seamless integration with SMA solutions, if a mobile device has not previously registered with the SMA appliance, the user is presented with a device

authorization policy for acceptance. The user must accept the terms of the policy to register the device and passed all device trust and integrity checks before given permissible access to allowed corporate resources and data. The terms of the policy are customizable by the administrator.

### Per-application VPN

Mobile Connect in combination with SMA, enables administrators to establish and enforce policies to designate which apps on a mobile device can be granted VPN access to the network. This ensures that only authorized mobile business apps utilize VPN access. Mobile Connect is the only solution that requires no modification of mobile apps for per app VPN access. Any mobile app or secure container can be supported with no modifications, app wrapping or SDK development.

### One-click Secure Intranet File Browse and On-Device Data Protection

Protect company 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 for the Mobile Connect app to control whether files viewed can be opened in other apps, copied to the clipboard, printed or cached securely within the Mobile Connect app. For iOS 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.

### Auto-launch VPN

URL control allows apps that require a VPN connection for business (including Safari) to create a VPN profile and automatically initiate or disconnect Mobile Connect on launch (requires compatible server firmware). In addition, for iOS or OS X devices, to simplify use when a secure connection is required, VPN on Demand automatically initiates a secure SSL VPN session when a user requests internal data, applications, websites or hosts.

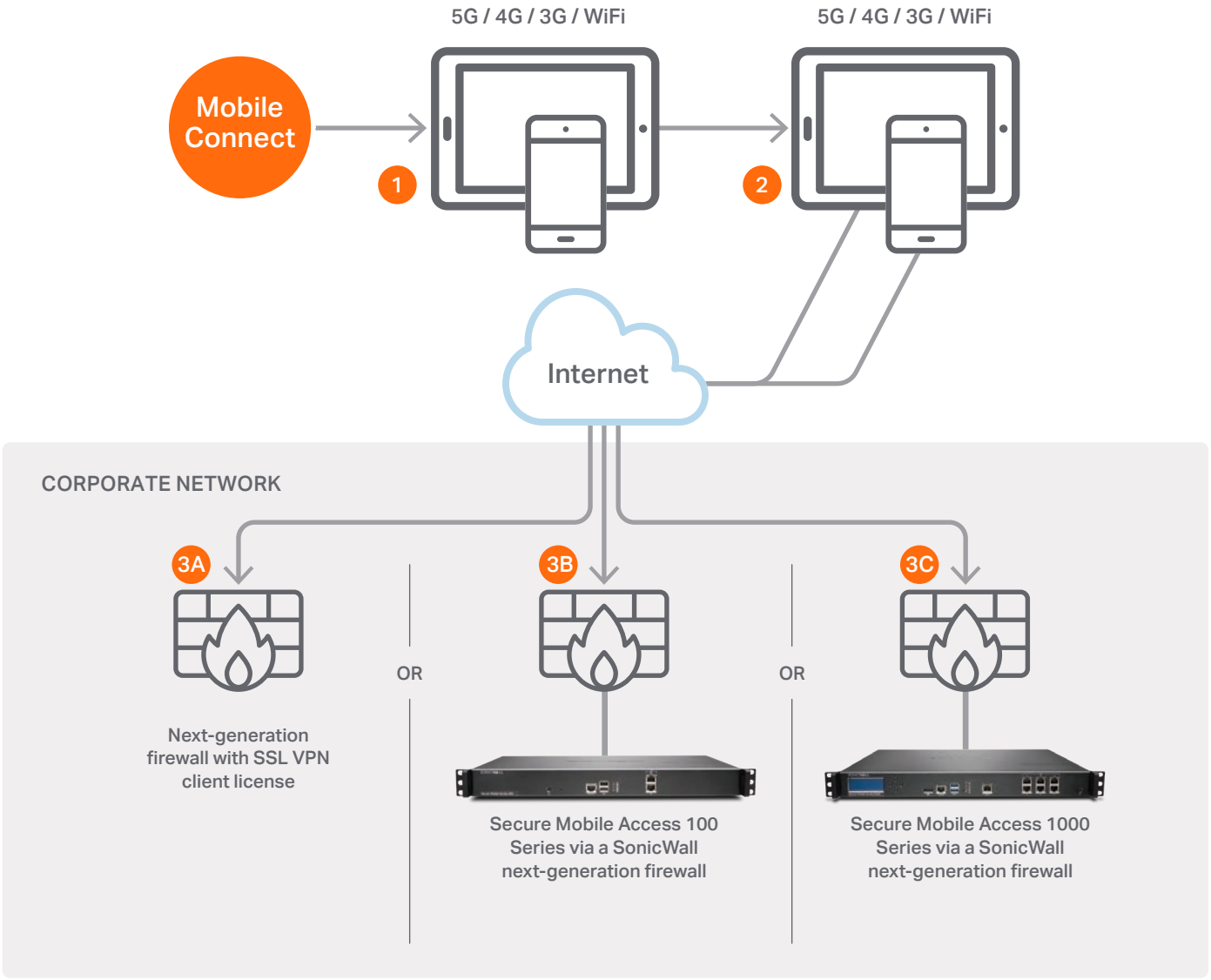
### Integration with existing authentication solutions

The SonicWall solution supports easy integration with most back-end authentication systems, such as LDAP, Active Directory and Radius, so you can efficiently extend your preferred authentication practices to your mobile workers. For optimal security, you can apply your choice of identity-based authentication using Ping Identity, okta or onelogin in conjunction with SAML single sign-on (SSO) service with enforced two-factor authentication (2FA) technologies.

### Application intelligence and control

When deployed with a next-generation firewall, IT can easily define and enforce how application and bandwidth assets are used.

## Software Access




1. **Download and install SonicWall Mobile Connect onto mobile device.**
2. **Create a connection profile to connect to your corporate network.**
3A. **Connect to a SonicWall next-generation firewall.**
   Benefits: Provides DPI scanning for malware as well as application intelligence and control.
3B. **Connect to a SonicWall Secure Mobile Access 100 Series appliance via a SonicWall next-generation firewall.**
   Benefits: Provides zero-trust, least privilege access policies, DPI scanning for malware plus end point control to quarantine or reject connections from unregistered, vulnerable, unprotected, and jailbroken or rooted mobile devices.
3C. **Connect to a SonicWall Secure Mobile Access 1000 Series appliance via a SonicWall next-generation firewall.**
   Benefits: Provides zero-trust, least privilege access policies, DPI scanning for malware, end point control to quarantine or reject connections from unregistered, vulnerable, unprotected, jailbroken or rooted mobile devices. Also, enables administrators to restrict VPN access to an allowed set of trusted mobile apps, and manage enforced BYOD security policy terms.

| Features | iOS | OS X/ Mac | Android | Kindle Fire | Windows 10 | Chrome OS |
|---|---|---|---|---|---|---|
| Layer-3 VPN connectivity (SSL VPN) | Yes | Yes | Yes | Yes | Yes | Yes |
| App distribution | App Store | Mac App Store | Google Play | Amazon App Store | Windows Store | Chrome Web Store |
| Connect on demand | Yes[3] | Yes[3] | — | — | MDM/ PowerShell | Yes |
| Configurable trusted networks | Yes[1] | Yes[1] | — | — | Yes | — |
| Network awareness | Yes[1] | Yes[1] | Yes[1] | Yes[1] | — | — |
| Credential caching | Yes | Yes | Yes | Yes | Yes | Yes |
| Touch ID/Fingerprint support | Yes[2] | — | Yes[2] | — | — | — |
| Face ID support | Yes | — | — | — | — | — |
| URL control | Yes | Yes | Yes | Yes | — | — |
| Basic authentication (Username\Password) | Yes | Yes | Yes | Yes | Yes | Yes |
| Two-Factor Authentication (Dell Defender\TOTP\RADIUS) | Yes | Yes | Yes | Yes | Yes | Yes |
| Client certificate authentication | Yes[3] | Yes[3] | Yes[3] | Yes[3] | Yes | — |
| Password change | Yes | Yes | Yes | Yes | Yes | Yes |
| Always On VPN | Yes | Yes | Yes | Yes | Yes | Yes |
| SAML 2.0 SSO Support | Yes | Yes | Yes | Yes | Yes | Yes |
| IdP integration | Ping Identity, okta, onelogin | Ping Identity, okta, onelogin | Ping Identity, okta, onelogin | Ping Identity, okta, onelogin | Ping Identity, okta, onelogin | Ping Identity, okta, onelogin |
| TLS 1.3 connection | Yes | Yes | Yes | Yes | Yes | Yes |
| Time-based OTP | Yes | Yes | Yes | Yes | Yes | Yes |
| SMS Gateway | Yes | Yes | Yes | Yes | Yes | Yes |
| Windows domain SSO for VPN | — | — | — | — | Yes | — |
| Split-tunnel\Tunnel-all routing | Yes | Yes | Yes | Yes | Yes | Yes |
| IPv6 support | Yes[4] | Yes[4] | Yes[4] | Yes[4] | Yes[4] | — |
| Compression of data over VPN | Yes[3] | Yes[3] | Yes[3] | Yes[3] | Yes[1] | Yes[3] |
| ESP Mode (UDP transport) | Yes[1] | Yes[1] | Yes[1] | Yes[1] | — | — |
| Network conflict resolution | Yes[1] | Yes[1] | Yes[1] | Yes[1] | Yes[1] | Yes[1] |
| End Point Control | Jailbreak, Certificate, OS version, DeviceID[3] | DeviceID, OS version, Client certificate, Anti-Virus software[1] | Root, Certificate, OS version, DeviceID, Anti-Virus software[3] | Root, Certificate, OS version, DeviceID, Anti-Virus software | DeviceID, OS version[1] | DeviceID, Chrome OS version[1] |
| File Reader/ Bookmarks | Yes[2] | — | Yes[2] | Yes[2] | — | — |
| RDP bookmarks | 2X RDP, Microsoft Remote Desktop for RDP | — | 2X RDP, Remote RDP Lite/ Enterprise, Microsoft Remote Desktop for RDP | 2X RDP, Microsoft Remote Desktop for RDP | — | — |
| Citrix receiver bookmarks | Yes[2] | — | Yes[2] | Yes[2] | — | — |
| VNC bookmarks | Remoter VNC | — | android-vnc-viewer | — | — | — |
| Web bookmarks | Safari, Chrome | — | Any browser—configured in Android system settings | Silk Browser | — | — |
| Terminal bookmarks | iSSH, Server Auditor for SSH | — | ConnectBot, JuideSSH | JuideSSH | — | — |
| Native HTML5 Bookmarks | RDP, VNC, SSH, Telnet[2] | — | RDP, VNC, SSH, Telnet[2] | — | — | — |
| MDM management of VPN connection profiles | Yes | — | — | — | Yes | Google Mgmt Console |

[1] This feature is supported on the E-Class SRA/SMA 1000 series appliances only. Please refer to the product release notes for the specific software version required to support this feature.

[2] This feature is supported on the SRA/SMA 100 series appliances only.

[3] This feature is supported on the SRA/SMA 100 series and E-Class SRA/SMA 1000 series appliances only. Please refer to the product release notes for the specific software version required to support this feature.

[4] This feature is supported on the SRA/SMA 100 series, E-Class SRA/SMA 1000 series and Next-Generation Firewall appliances. Please refer to the product release notes for the software specific version required to support this feature.



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## Learn more about SonicWall Mobile Connect

www.sonicwall.com

## About SonicWall

SonicWall delivers Boundless Cybersecurity for the hyper-distributed era and a work reality where everyone is remote, mobile and unsecure. By knowing the unknown, providing real-time visibility and enabling breakthrough economics, SonicWall closes the cybersecurity business gap for enterprises, governments and SMBs worldwide. For more information, visit www.sonicwall.com.

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Datasheet-SonicWallMobileConnect-JK-US-6074