



# Product Brief

## AT&T Mobile Security service

The use of wireless mobile devices to access an organization's private network has become standard business practice across all industries. As the number of individuals using mobile devices to access network applications continue to grow, so does the security risk. At the same time, the Internet has left data resources vulnerable to a variety of potential outside threats and attacks. As a result, it has become critical to protect your information assets with a comprehensive, holistic security strategy that helps provide highly secure access while supporting your organization's infrastructure. Mobile attacks are increasing rapidly in number and sophistication, and hackers continue to be financially motivated to steal data, identities, and intercept corporate communications. These occurrences should be among the top concerns for an organization that relies on mobile devices and tablets to conduct business.

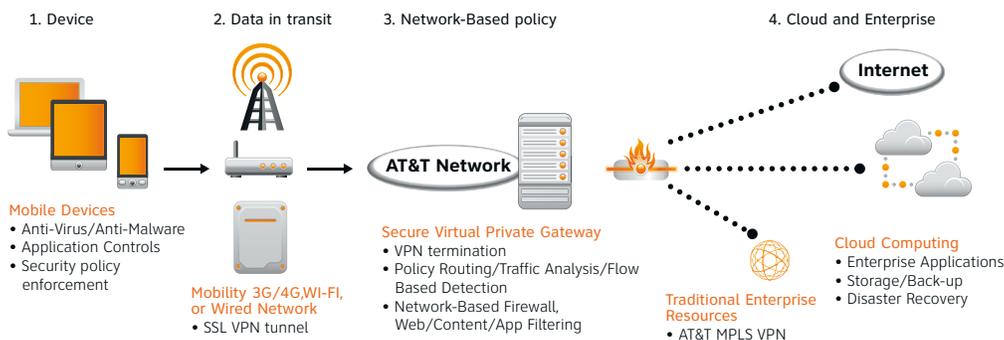
AT&T has been focusing on network security for most of our history. We have been at the forefront of many developments that have become today's network security best practices including a security governance/policy model, risk management methodologies, defense-in-depth security design, firewalls, threat management and analysis, and security event correlation. So, it's only fitting that to address the challenges of mobile security, AT&T is using our expertise in network security to help protect an organization's assets through wireless access.

Mobile security solutions typically scan for security risks only at the device-level. However, in order to maximize your organization's wireless security and help defend against unauthorized applications, e-mails, and disruptions in business activities, AT&T Mobile Security service integrates device-level security features with network-based security

### Potential Benefits

- Helps maintain compliance with government and industry regulations
- Less disruption to service and business activities by helping to protect revenue
- Better protection for your mobile assets and network from increased threats
- Centralized enforcement of corporate security policy across wireless and wireline assets
- Multiple layers of security – at the device and in the network
- Integration with AT&T Remote Access services, AT&T VPN services, and AT&T Secure Network Gateway for more granular network security options

### Helping to secure 4 key segments



### Features

- Administration Console
- Anti-Virus/Anti-Malware device scanning
- Prohibited Application Alert
- Secure Socket Layer (SSL)
- Network Address Translation (NAT) Firewall that hides the private IP addresses of the mobile device
- BotNet Identification
- BotNet Black List/White List
- Policy Routing
- Enhanced options for AT&T Secure Network Gateway

To learn more about AT&T Mobile Security Services, visit [www.att.com/mobile-security](http://www.att.com/mobile-security) or [have us contact you.](#)

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controls and encrypted transport to provide a comprehensive, holistic approach to mobile security. And, it's available even if you aren't an AT&T wireless customer.

Device security includes the use of application controls and anti-virus/anti-malware scans. Network security provides access to an organization's Virtual Private Network or VPN, the Internet, or cloud-based services as well as additional traffic filtering and scanning.

Figure 1 on previous page depicts AT&T Mobile Security service and the points in which the security policy and controls are applied.

### AT&T Mobile Security is an Integral Part of your Security Solutions

AT&T Mobile Security service better provides protection for mobile devices as well as the AT&T VPN that the devices are accessing and enables you to synchronize your security policies between the two. AT&T Mobile Security service is an application that is installed on the end-user's mobile device that helps enable device-level security features and provides a highly secure connection to the AT&T virtual private gateway. The network security features and policies applicable to your organization are enabled in the AT&T virtual private gateway.

AT&T Mobile Security service also provides a web-based administrative console that gives organizations the ability to manage and

control security policies across wireline and wireless assets. This service also allows you to connect to the AT&T Secure Network Gateway platform as well as other AT&T services, including remote access and AT&T VPN.

Because viruses and malware may cause unwanted billing issues and breaches of valuable user data that render mobile devices unusable, AT&T offers an array of device security capabilities and solutions to assist you in heading off security threats to your mobile users.

These include:

- Anti-virus scan on devices and memory cards helping to protect mobile devices against viruses and malware while alerting the user when harmful content is detected
- Anti-virus and Anti-malware heuristic detection providing behavioral-based spyware detection
- Prohibited/Malicious Application Alert feature that scans a device at specified time intervals (e.g. daily, weekly), set by you and notifies users if any harmful applications are detected on their devices

Network Security features and functions are comprised of:

- Secure Socket Layer (SSL) protocol to access your network through a private and encrypted tunnel

- Network Address Translation (NAT) Firewall that hides the private IP addresses of the mobile device
- BotNet Identification that informs the user if their device has been infected as a Bot
- BotNet White List/Black List that prevents users from going to BotNet sites
- Root/Jailbreak detection which provides the availability to detect if a device has been rooted or "jailbroken" and prohibit the device from establishing a connection to the network
- Policy Routing which is the ability to control user access to the internet, cloud or your private network
- Enhanced options available by connecting to AT&T Secure Network Gateway, Network-Based Firewall, URL Filtering, Intrusion Prevention Service

AT&T has harnessed the power of our network, our strength in network security, and access to world-class processes, tools and people to develop security services that answer the need for a defense-in-depth architecture. You can count on AT&T as a reliable provider with global reach for a comprehensive range of security services that can provide integrated solutions to help support your complex networking environments.

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