High-performance. Enterprise Scale. Global Mobility.

Up to Twice as Fast

Mobility 11 accelerates throughput and greatly enhances scalability. Enterprises can support more mobile workers on the latest 4G and Wi-Fi networks using fewer resources, greatly reducing the cost to administer and manage mobile worker connectivity. Customers can reduce the number of servers they need to support their deployment, or improve per-connection throughput with existing resources.

Unlike other VPNs, Mobility does not require expensive, proprietary hardware or forklift upgrades every few years. Adding capacity and increasing throughput with Mobility is as easy as spinning up another virtual machine or deploying common off-the-shelf server hardware. With Mobility's pool architecture, managing 10 servers is as easy as managing 1.

Multi-language Deployments

Mobility 11 adds support for global, multi-language deployments with clients for Japanese, French, German, Italian, Spanish and English. The Mobility server now supports native Japanese in addition to English. Organizations around the world can deploy a Mobility client in a language their workers understand, and those workers can now connect and interact in their native language.

Apple OS X

With the addition of OS X support, Mobility now supports all major mobile and desktop platforms in use today. Using Mobility, mobile workers throughout an organization using Apple's sleek line of MacBook laptops stay connected as reliably as iPhone and iPad users.

Other Key Features

Expanded Android management options

For Android devices managed by EMM/MDM systems, Mobility offers native integration with Android for Work and Samsung KNOX. Administrators can enforce security and mobile policies using their existing MDM systems.

Policy Action to run NetMotion Diagnostics

When network problems occur, Mobility automatically launches the advanced troubleshooting available in NetMotion Diagnostics. The new policy action is supported on Android, iOS, and Windows and can be triggered by over 20 different policy conditions.

RADIUS group mapping

We have extended Active Directory to Mobility group mapping to support deployments that use RADIUS authentication.

Universal Licensing

We simplified client license management with universal license keys that allow any combination of Android, iOS, and Windows clients to connect. You can change the mix of client platforms in your deployment with complete flexibility as the need arises.

Automatic warehouse backups

Mobility v.11 automatically creates a daily backup of the Mobility Warehouse. The backup can be used on upgrades or for disaster recover if you do not run a standby warehouse.

Mobility 11 Details

Performance Improvements

At 2 Gbps, a Mobility 11 server is up to twice as fast as previous releases when run on dedicated hardware while still fully supporting deployment in virtual environments. Each server supports a maximum of ten thousand authenticated users, over six times more than version 10.

The increases in throughput and capacity offer NetMotion Mobility system administrators the following advantages:

• Lower operating costs using off-the-shelf server hardware or virtualization instead of costly, proprietary hardware appliances.

• Servers and pools support significantly greater peak traffic loads than previous versions of Mobility.

• Customers can simplify their deployment by reducing the number of servers needed to support it, or increase the number of servers to improve performance.

Multi-language Deployments

Simple client management

Packaged as a single executable, the Mobility client automatically detects the language preference on the device during installation and configures itself to run in one of the six supported languages (English, Japanese, French, Italian, German, and Spanish) covering over 130 countries and spoken by over 2.6 billion people. The multilingual clients can connect to any version 10 or greater Mobility server. If the client detects a language preference other than the supported six, it will default to English.

Fully localized Japanese server

In addition to localized Mobility clients, the Mobility v.11 server is available fully localized in Japanese.

The Mobility Japanese server is compatible with all version 9, 10, and 11 Mobility clients, regardless of their language setting.

Apple OS X

The new Mobility client for Apple OS X brings our legendary reliability and performance to Apple MacBook users with a native Mac application.

Administrators can support Mac users with the same ease and reliability they've come to rely on for their iOS, Android and Windows users, all from a single console.

The Mac client supports the full range of Mobility's compression, link optimization, roaming, and persistence technologies, and supports the Policy and Analytics modules.
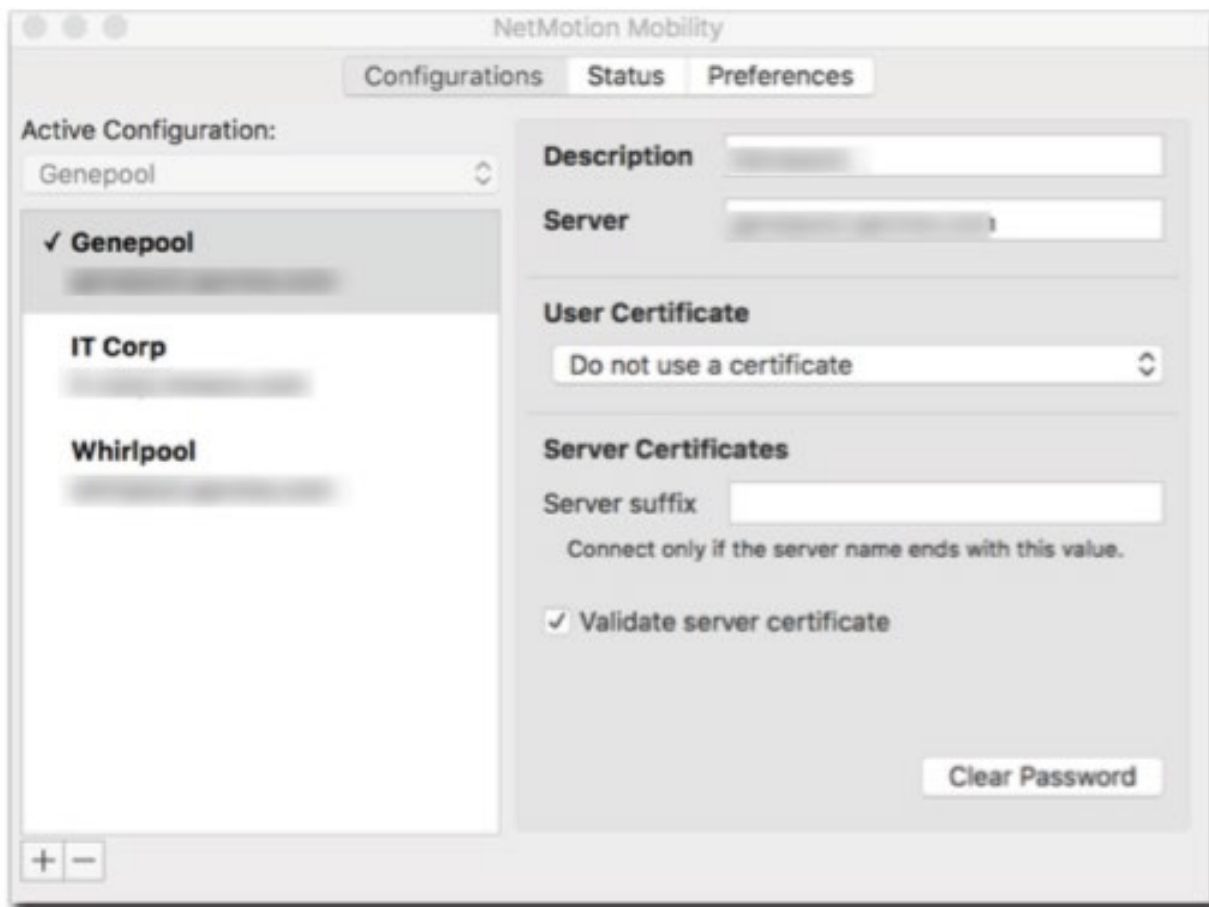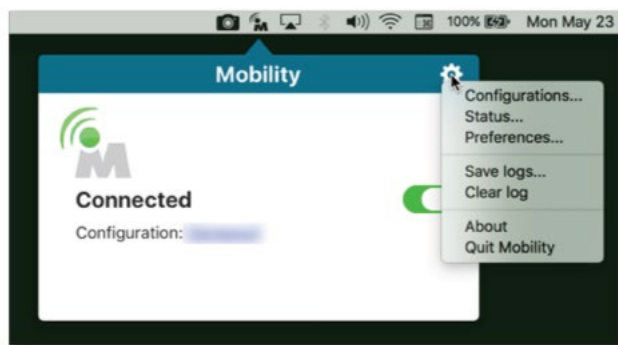
Expanded Android Management Options

Android for Work

Android for work is the emerging standard for integrating Android clients into an enterprise mobile deployment. With Android for Work and Mobility v.11, administrators can build and push per-application VPN configuration profiles to Android users via their MDM systems. When configured using Android for Work, Mobility v.11 can prevent users from deleting or replacing VPN profiles, avoiding support calls before they happen.

Samsung KNOX

A secure, trusted, hardware-based platform that includes secure boot capabilities, Samsung Knox is the preferred Android platform for many finance, government, and military organizations. Mobility v11 now supports KNOX with per-app VPN controls and support for KNOX's containerization architecture.

When used with KNOX, Mobility can secure all device network traffic by keeping users from *disconnecting* the VPN, preventing users from changing client configuration, and preventing users from creating an alternative VPN profile. The combination of Mobility and KNOX gives administrators the greatest level of security and control possible over Android clients in a Mobility deployment.

MDM Industry API

In response to customer demand, NetMotion has created a fully functional API for MDM partners to integrate directly with the Mobility client on Android. Vendors interested in access to this interface should contact support@netmotionwireless.com

Policy Action to Run NetMotion Diagnostics

When network problems are detected, our new Policy action automatically launches the advanced troubleshooting available in NetMotion Diagnostics. This new Policy action is supported on Android, iOS, and Windows and can be triggered by over 20 different policy conditions.

Diagnostics analyzes mobile connections and proactively alerts network administrators as problems arise. It provides end-to-end performance data extending from the device, across cellular and Wi-Fi networks, to corporate and cloud-based servers. It alleviates much of the back-and-forth troubleshooting between end-user and IT support when connectivity issues occur. NetMotion Diagnostics is available as an add-on module for Mobility.
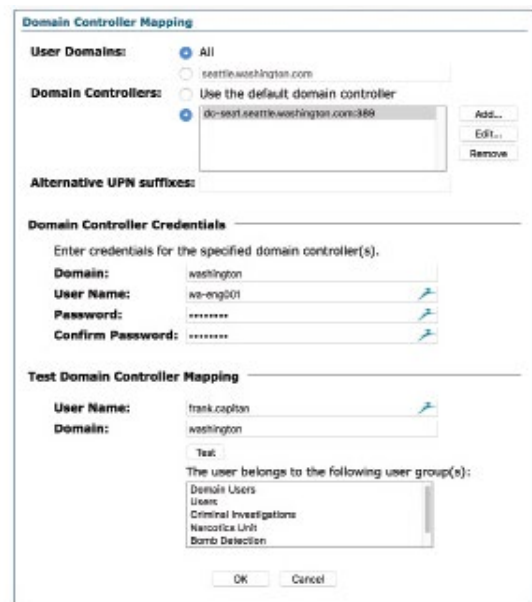
RADIUS Group Mapping

We have extended Active Directory to Mobility group mapping to support deployments that use RADIUS authentication. Mobility now automatically assigns policies and settings based on a user's group membership for accounts using RADIUS authentication.

With Mobility v.11, Administrators can now take advantage of this feature to do the following:

• Save time and simplify user management by assigning an Active Directory group instead of individual users to a Mobility group. Users in that AD group automatically receive the correct settings.

• Simplify the on-boarding process by assigning Active Directory groups to Mobility policy rules. New users are automatically assigned the appropriate Mobility policies.

• Combine users from multiple Active Directory Domains into a single mobile deployment.

Figure 1: Easily map Mobility groups to multiple Active Directory domains

Figure 2: User group membership determined by Active Directory

Universal licensing

Universal license keys allow any combination of Android, iOS, and Windows clients to connect to a Mobility server and provide complete flexibility to change the mix of client platforms in your deployment.

Customers upgrading from earlier Mobility versions will have their platform specific licenses converted to universal licenses at no additional charge.

During the upgrade process, the Mobility installer will convert all platform specific licenses to temporary universal licenses. Customers will have 30 days to finish the licensing conversion. After upgrading it is no longer necessary to track licenses by client platforms.

Automatic warehouse backups

Mobility v.11 automatically creates a daily backup of the Mobility Warehouse and stores it on the Warehouse server. The backup can be used on upgrades or for disaster recovery if you do not run a standby warehouse. The time and location for the backup file are configurable during Warehouse installation or with the Warehouse management tool.

Platform Requirements and Known Issues

Important:

Windows 7 Service Pack 1 is required to run the Mobility v11.00 client on Windows 7.

Mobility v.11 clients Max OS X can only connect to Mobility 11 servers. Mobility v.11 servers will accept connections from all currently supported Mobility clients.

Supported platforms and hardware requirements for Mobility v.11 are available here:

• http://www.netmotionwireless.com/supported-operating-systems.aspx

A list of known and resolved issues for Mobility 10 can be found here

• Known and Resolved Issues for Mobility 11-
  http://www.netmotionwireless.com/support/docs/mobilityxg/1100/docs/known_issues.htm