

NetMotion Wireless

Wireless solutions that help mobile workers stay connected.

Companies need to ensure that mobile users can access mission-critical information in the field as easily as they can in the office. A virtual private network (VPN) is a popular choice for helping to ensure wireless connectivity. However, when a break in coverage occurs, a legacy VPN may sometimes log mobile workers out of the system, making their applications crash or disconnect. In a best-case scenario, the worker has to log in to each application again and restart all of them. In a worst-case scenario, their computer freezes, which may require a complete reboot or IT support.

NetMotion Mobility XE™ provides mobile workers with persistent access to essential business data resources and applications, helping them be productive and efficient. Mobility XE helps make even the most customized applications easily accessible, so users have a seamless experience regardless of their location.

The advantages of NetMotion Mobility XE.

Mobility XE was developed to provide mobile workers with persistent access to key business data and applications on a wireless network, comparable to the access provided by traditional local area networks (LANs). In addition, Mobility XE offers tighter security protocols than those generally available through a standard VPN. Mobility XE's InterNetwork Roaming enables mobile devices to connect automatically to the Verizon Wireless network.

Mobility XE uses industry-standard security protocols that secure mobile devices without negatively impacting connection speeds. A variety of stringent and easily managed security protocols help ensure critical data is protected. And with single-console, Web-based management, IT personnel can easily deploy Mobility XE to manage and support a multitude of mobile devices and users.

Mobility XE features and benefits:

- + **Highest-level security.** NetMotion® VPN encryption complies with the industry's highest standards. Users are automatically authenticated and application data is secure without disruption as users roam between networks and coverage areas.
- + **Seamless roaming.** InterNetwork Roaming allows users to move freely between docked connections, company Wi-Fi networks, third-party hotspots, and wide area networks (WANs), automatically accessing the fastest available connection—all with no additional log-on requirements.
- + **Easy deployment.** Installation and setup takes only a couple of hours on standard, off-the-shelf hardware. The client software installs on any Windows®-based device, can be centrally configured, and is transparent to the end user.
- + **Enhanced performance.** Mobility XE helps improve throughput, application responsiveness, and productivity. The software uses link optimizations to reduce the number of retransmitted packets, excess control information, and other network "chatter," and dramatically compresses data and Web images.

THE NETWORK MATTERS.

That's why NetMotion Wireless has chosen to make its services available on America's largest and most reliable 3G network: Verizon Wireless.

NETMOTION WIRELESS CASE STUDY:

Improving connectivity for a large energy services holding company.

The challenge:

- + A large energy services holding company, serving six states and over 2.2 million customers, wanted to ensure wireless connectivity without having to upgrade its equipment. The company's applications were not designed for workers who needed to roam freely between office and job site.
 - Workers' notebooks and applications crashed when devices moved from a wired to wireless network.
 - Workers needed simplified access to their applications without complex device logins or network configurations.



www.netmotionwireless.com

- + **Extreme compatibility.** Mobility XE helps ensure that any Ethernet application runs reliably over a wireless connection so there's no need to modify applications, do expensive development, or upgrade to special wireless versions.
- + **Consistent availability and reliability.** Applications simply pause sending data and then resume when coverage returns, without requiring users to log in again. Data transfers also pick up where they left off.
- + **Simple management.** A "set-and-forget" design requires little management for routine operations. The administrative console allows all aspects of the system to be centrally configured, observed, and managed.
- + **Extreme scalability.** A single server can handle up to 1,500 concurrently connected devices. Servers can also be pooled to provide load balancing and failover support.
- + **Network access control.** Administrators have full control of remote devices and can deliver simple warnings or full remediation to ensure that policies are enforced.

NetMotion Mobility XE works with any Windows-based device.

| Technical specifications | |
|----------------------------|---|
| Supported devices | + Any Windows-based device |
| Supported platforms | + Windows Vista* + Windows XP + Windows 7 + Windows Mobile* 5 smart phone + Windows Mobile 5, 6.0, 6.1 |
| Architecture | + Client: Windows 7, Windows XP, Windows Vista, or Windows Mobile clients + Server software: installs on Windows Server* |
| Security | + Administrator-configurable, standards-based authentication including support for: <ul style="list-style-type: none"> • RADIUS • NT LAN Manager (NTLM) • Active Director • Protected Extensible Authentication Protocol (PEAP) (both EAP-MSCHAPv2 and EAP-GTC) • Lightweight Extensible Authentication Protocol (LEAP) + Certified RSA SecureID* two-factor authentication protocols + Uses Federal Information Processing Standards (FIPS) Publication 140-2 validated Advanced Encryption Standard (AES) encryption—the industry's highest security standard + Set and configured at the server + X.509v3 certificate-based user and device authentication + Smart cards, EAP-TLS |
| Encryption | + Default is 128-bit AES (192- and 256-bit AES available) with elliptic curve Diffie-Hellman key exchange and corresponding key sizes matched to the AES encryption per National Institute of Standards and Technology (NIST) recommendations + Set globally by group of devices, group of users, or by individual user or device |

The solution:

- + The company decided on a Mobility XE mobile VPN solution running over the Verizon Wireless network.

The results:

- + With Mobility XE loaded on each of the notebooks, as users went from office LANs to the Verizon Wireless network, their connections were maintained and their devices were more stable.
- + Workers could access all of their applications without needing complex logins or network configurations.
- + Mobility XE's speed optimizations helped increase data throughput across cellular networks.
- + Support calls related to connectivity issues dropped significantly.



Why choose Verizon Wireless?

Secure, high-speed wireless network.

Businesses want their employees to have more mobility; secure, high-speed access; and an extension of applications across the enterprise, all of which can strain typical IT resources. Verizon Wireless understands these demands and has constantly improved its network to offer increased mobility, access, and applications. To that end, we use CDMA technology, which provides reliable, consistent connectivity all along the Verizon Wireless broadband network.

Customized wireless solutions for different types of businesses.

Our account executives have in-depth experience across a wide range of industries and understand how wireless solutions can enhance the processes and performance of their customers' businesses.

In addition to our prepackaged solutions, Verizon Wireless has the ability and expertise to design unique voice and data solutions to meet specific business needs. Our account teams work directly with customers to design a wireless solution to a business' exact specifications.

Business-oriented service and support.

To aid in accounting and reconciliation functions, Verizon Wireless offers customizable business procurement and billing plan options that are scalable and flexible. Customers can see at a glance how their systems are deployed and what they cost, enabling improved wireless services management.

When you choose Verizon Wireless as your wireless service provider, you'll receive a host of benefits designed to help your business succeed:

- + Dedicated customer service and responsive technical support.
- + Flexible plans with discounts that increase as your business grows.
- + Easy online account management with My Business Account.

Visit verizonwireless.com/mybusinessaccount.

For more information about our products, services, and pricing, please contact your Verizon Wireless business specialist or visit us at verizonwireless.com.

CHOOSE THE **BEST** NETWORK.

The service is one part of the equation for helping your business. A widely available, stable wireless network is the other. That's why it makes sense to choose America's largest and most reliable 3G network: Verizon Wireless.

Of course, it also helps that you get:

- + Simple online account management.
- + Secure data transmission.
- + World-class technical support.
- + Highly responsive customer support.
- + Discounts that increase as your business grows.