

NetMotion Mobility® XE

Award-winning, best-in-class mobile VPN

Mobility XE is the mobile VPN built specifically for highly-mobile workers who need reliable wireless access to mission-critical data and applications. Whether driving to multiple sales or service locations in a single day, or walking between rooms, floors, and buildings on a campus, Mobility XE secures data while providing uninterrupted remote access to all the applications and data resources essential to your mobile work force.

Security

Mobility XE's VPN encryption uses the industry's highest security standards. User authentication integrates seamlessly with your enterprise. The client software on each mobile device automatically keeps users authenticated and application data secure without disruption as they roam between networks and coverage areas.

Roaming

Mobility XE allows seamless roaming in and across any combination of IP networks. Users move freely between docked connections, corporate Wi-Fi networks, third-party hotspots and wireless wide-area networks (like 1xEVDO or EDGE) from multiple carriers, automatically using the fastest available connection.

Reliability

No other mobile VPN matches Mobility XE's ability to keep application sessions alive. In coverage gaps, applications simply pause, then resume sending data when a connection returns. With Mobility XE,

handheld users don't need to keep logging in each time they suspend and resume their devices. Data transfers pick up where they left off, even days later after a suspended device is resumed.

Performance

Mobility XE improves throughput, application responsiveness and productivity when users are on bandwidth-constrained wireless networks. It reduces protocol overhead and chattiness and compresses data and web images, dramatically improving throughput.

Compatibility

Any application that works over Ethernet runs reliably over wireless, simply by installing Mobility XE. There's no need to modify applications, do expensive development, or upgrade to special wireless-enabled versions. Mobility XE provides the compatibility of IPSec without the setup hassle of SSL. It works on any IP network and with any Windows-powered device.

Cost-efficiency

Because Mobility XE is a product, not a consulting project, installation and setup usually take only an hour or two – not days. The Mobility server installs on standard, off-the-shelf hardware behind the corporate firewall or within the DMZ. The client software installs on any Windows device, can be centrally configured, and is transparent to the end user. After installation, you don't need a team for management and support – you can add new networks, devices, and applications without touching the Mobility system.

Scalability

Mobility XE handles the transition from a pilot deployment with a few mobile workers to a production installation supporting thousands with ease. A single server can handle up to 1,500 concurrently connected devices. Servers can be pooled to provide load balancing, failover and redundancy for thousands of workers, creating a highly-scalable, reliable system with no single point of failure.

Management

Mobility XE's set-and-forget design requires little management for routine operations. Its robust administrative console allows all aspects of the system to be centrally configured, observed and managed. The browser-based interface gives a complete system-wide view, from overall metrics down to the details of a single mobile worker, including applications in use and the amount of data transferred – regardless of the device or network. And the

central controls make it easy to quarantine devices that are misused, lost or stolen. Activity logs preserve a historical view of each user.

Policy

As workers move through networks and coverage, their access and security needs change. The optional Policy Management module provides the ability to customize and enforce changing security and access needs while keeping workers productive. Policy Management also features

Quality of Service (QoS) capabilities that allow you to prioritize network traffic for any IP-based application, including those sensitive to latency and jitter such as Voice-over-IP (VoIP), video or real-time conferencing applications. Data from business-critical applications or from specific groups of users can take precedence, providing the fastest possible transmission.

Client platforms

- ▶ Windows XP Professional (SP1 & SP2)
- ▶ Windows 2000
- ▶ Windows Mobile 5.0, PPC & Smart phone
- ▶ Windows Mobile 2003 & 2003 SE
- ▶ Windows CE 4.2, 4.21, 5.0

Server platforms

- ▶ Windows Server 2003 (SP1)
- ▶ Windows 2000 Server (SP3 or SP4)
- ▶ Processor: Pentium III minimum. Dual-processor, 2 GHz or faster recommended.
- ▶ RAM: Minimum 512 MB. 2GB recommended
- ▶ Disk space: 500 MB minimum.

Authentication

- ▶ Microsoft Active Directory
- ▶ Microsoft NTLM
- ▶ RADIUS (PEAP, LEAP, EAP-GTC)
- ▶ RSA SecurID

Key Exchange

- ▶ Elliptic Curve Diffie-Hellman (ECDH)

Encryption

FIPS 140-2 validated cryptographic libraries supporting:

- ▶ AES (128-bit, 192-bit, 256-bit)

Mobility

- ▶ Subnet roaming
- ▶ Supernet roaming
- ▶ InterNetwork Roaming™
- ▶ Fastest interface selection
- ▶ Application Session Persistence

Acceleration

- ▶ Data compression (lossless)
- ▶ Web image acceleration (lossy)

NAT support

- ▶ All

Wireless WAN

Any IP-based WWAN, including:

- ▶ 1xEVDO
- ▶ 1xRTT

- ▶ 802.16 (WiMax)

- ▶ CDPD

- ▶ EDGE

- ▶ GPRS

- ▶ UMTS

Wireless LAN

Any IP-based WLAN, including:

- ▶ 802.11 b/g (including hotspots)

- ▶ 802.11 a

- ▶ Bluetooth

- ▶ IrDA

Wired LAN/WAN

Any IP-based network, including:

- ▶ Cable modem

- ▶ Dial-up (circuit-switched)

- ▶ DSL

- ▶ Ethernet

- ▶ ISDN