

NetMotion Mobility XE

New capabilities and better management for enterprises with mobile workers

SCALABILITY to support thousands makes it easy to add capacity to meet enterprise demand. And it's still plug-and-play.

FAILOVER and **LOAD-BALANCING** to support mission-critical enterprise deployments.

ROBUST SYSTEM BACKBONE powered by Sun Microsystems' industry-leading LDAP technology.

REMOTE MANAGEMENT using new web console for intuitive, full-function remote management and improved control of even the largest global deployments.

Server Pools

Multiple Mobility XE servers can now be configured and managed as a single, logical pool allowing large enterprises to add capacity without disrupting current users. All servers communicate with one another and work together to service the combined load of thousands of Mobility clients.

Failover

If one server fails, clients connected to it are automatically re-assigned among remaining servers in the pool.

Web-Based Mobility Console

For easier configuration and management, Mobility's Status



Monitor, Configuration Manager, and Activity Log are now incorporated into this single, intuitive web-based interface where all administrative functions can be performed from a browser, regardless of where the administrator is located. The Mobility console includes

six main sections: Server Status, Client Status, Server Settings, Client Settings, Licensing, and Policy Management.

Load Balancing

New client connections are automatically distributed across the Mobility servers in the pool based on capacity, memory and network usage, and CPU utilization. If servers in the same pool have different capacity and power, load balancing automatically distributes user load accordingly. If one server fails, the others automatically distribute new connections among themselves.



MOBILITY—Proven in hundreds of mission-critical implementations

Mobility Warehouse

Mobility XE stores system information, user, and device settings in a Mobility Warehouse powered by industry-leading LDAP technology from Sun Microsystems.

The Mobility Warehouse can be collocated on one of the Mobility servers in the pool or installed on a separate server. It can also be installed on multiple machines in a master/replica configuration. If the primary Mobility Warehouse fails or becomes unavailable, Mobility servers automatically switch to a backup warehouse.

Server "Throttling"

When use of system resources reaches a predefined threshold, a Mobility XE server automatically prevents additional clients from establishing connections. This ensures that enough resources continue to be available to service the active load. If load balancing is turned on, new client connections are directed to other servers. This prevents an unplanned spike in usage and helps combat denial-of-service attacks.

Administrator and Operator Groups

Administrators have access to all administrative functions in the Mobility Console, while Operators can view system and configuration information, but cannot modify setup or configuration. System administrators can share system information with support personnel without opening up configuration access.

Server Status Page

The Mobility Console home page provides a graphical and statistical summary of each server's health and current activity. Using this page, a system administrator can see overall system usage on a per-server and pool-wide basis, and can view the devices connected to the system pool. This page also displays the Activity Log for each server, logging authentication and roaming as well as the amount of data transmitted and received by a device from each location to which it roams. The log can be configured to automatically "rotate," archiving a log file

and opening a new one at a set interval. The Event Log is now in each server's section on the Server Status page and also available as a separate application on each server to help diagnose problems that might affect the Mobility Console. All server statistics are consolidated here on a single web page. We've also made it easy for an administrator to take a server offline, preventing any new clients from establishing connections to it when performing operating system or hardware maintenance.

Still More in Mobility XE

We've also added a new client status page, a customizable and filterable connections list, flexible global client and server settings, domain and user group support, pool-wide licensing, an improved server installation program and more.

Supported Platforms

Client platforms

Windows XP Professional
Windows 2000
Windows 98
Windows Mobile 2003
for Pocket PC
Pocket PC 2002
Pocket PC
Windows CE 3.0

Server platforms

Windows Server 2000
Windows Server 2003

Encryption

AES (128-bit)
Twofish (128-bit)
3DES (112-bit)
DES (56-bit)

Key Exchange

Diffie-Hellman
ECC

Mobility

Subnet roaming
InterNetwork Roaming
Compatible with Mobile IP

Authentication

Kerberos
Microsoft Active Directory
Microsoft NTLM
PKI
RADIUS
Compatible with Cisco LEAP
SecurID

VPN

PPTP
L2TP
IPSec
Cisco
Nortel

Wireless WAN

CDPD
GPRS
GSM
EDGE
UMTS
1xRTT
1xEVDO

Wireless LAN

802.11a
802.11b (Wi-Fi)
802.11g
WLAN hotspots

Wireless PAN

Bluetooth
IrDA

Wired LAN/WAN

Ethernet
Dial-up (circuit-switched)
ISDN
DSL
Cable modem

NAT support

All