Reduce Enterprise Mobility Costs, Increase Remote Access Security
Control Expenses, Maintain Security, Keep Mobile Workers Connected

Enterprise mobility costs are ballooning out of control and organizations are scrambling to maintain administrative authority and security over their mobile workforces. To cut excessive spending, enterprises must be able to efficiently manage all elements of mobility.

QuickLink® Mobility from Smith Micro replaces the multitude of connection management applications provided by vendors and operators, minimizing customer care and reducing mobile expenses companywide. The client-server solution provides organizations a carrier- and device-agnostic option to safely unify the management of mobile workers, mobile devices, and mobile expenses. QuickLink Mobility supports multiple carriers, providing tremendous flexibility and eliminating the need to manage and administer multiple individual point solutions.

Because of the single client, QuickLink Mobility improves network security over mobile workers by providing IT administrators with visibility and control over mobile devices and expenses. The solution is compatible with 400+ devices and supports WWAN, WiFi, Ethernet, and dial-up technologies—providing a seamless user experience. The platform also offers customizable connection and security policies to promote ease of use, reduce mobile expenses, and enforce corporate standards and compliance. Simply put, QuickLink Mobility is designed to put IT back in command of all things mobile.

Lowering Costs With a Unified Client

The QuickLink Mobility client provides a single dashboard for connecting to the Internet, regardless of the combination of mobile operators, wireless technologies, or devices being used. The unified client replaces the often-excessive amount of connection applications provided by vendors and operators, lowering support costs and mobile expenses.

Simplified Central Management

QuickLink Mobility combines broadband connection management features with military-grade security, seamless network roaming, and session persistence. This allows the centrally managed mobility solution to simplify the end-user remote access experience while taking the burden off enterprise IT divisions.

Easy Software and Device Management

Critical enabling software and system information can be easily managed by QuickLink Mobility. Client software, device drivers, and firmware are updated centrally while device management provides remote visibility and control.
Key Features and Benefits

**Reduced mobility expenses with a single client**
The unified client replaces multiple connection applications from vendors and operators, lowering support costs and mobile expenses for enterprises supporting a mobile workforce.

**Total control and customization**
IT administrators can easily customize connection, security, and budgetary policies to match unique department or regional needs, without altering the uniform appearance or the client.

**Fewer help desk calls**
Central configuration allows enterprises to spare end users from the setup complexities often found in traditional connection managers, resulting in less support incidents.

**Enhanced security and compliance**
IT workers enforce standard corporate policies and compliance with built-in MVPN, connectivity, and security policy settings.

**Business continuity**
The flexibility to connect to multiple carriers allows employees to maintain connectivity as situations warrant.

**More visibility, streamlined maintenance**
Mobile device and driver end-user information is available in real-time reports, streamlining software maintenance and upgrades—and reducing IT demands.

**Connect Before Login (CBL)**
The end user automatically connects to an available network, WiFi, or WWAN—before logging into their laptop (or hitting CTRL-ALT-DELETE). Single Sign-On (SSO) and Connect Before Login (CBL) features eliminate the risk of being locked out when their password changes.

**Cisco AnyConnect support**
Integration with the Cisco AnyConnect VPN product is now available, allowing the Cisco AnyConnect VPN client to automatically launch to establish a secure connection.

**NovaCore support**
The connectivity component now utilizes the NovaCore SDK to manage and communicate with Novatel WWAN devices, providing support for all new Novatel devices.
Technical Specifications

Unified Client

3G WIRELESS WIDE AREA NETWORKS
- Cross-carrier support
- CDMA (1XRTT/EVDO: Rev. A, Rev. B)
- GSM (GPRS/EDGE/UMTS)
- WCDMA (HSDPA/HSUPA)

4G WIRELESS
- WiMAX and LTE coming soon

WIFI NETWORKS
- 802.11 a/b/g/n (Windows)
- WPA & WPA2
- Static WEP 64 & 128 bit
- WISPr

802.1X AUTHENTICATION
- EAP outer methods: TLS, LEAP, TTLS, PEAP, FAST
- EAP inner methods: PAP, CHAP, MSCHAPv2, MS-CHAP, EAP-MD5, EAP-GTC, PAP w/ GTC, EAP-MSCHAPv2, EAP-TLS

OTHER TECHNOLOGIES
- Ethernet
- DSL
- Dial-up and remote access (RAS) connections
- WiMAX

MULTI-DEVICE SUPPORT
- Embedded modems
- PC cards
- USB modems
- GOBI 1000/2000
- Tethered devices: RIM Pearl, Curve and Bold

OPERATING SYSTEMS
- Windows XP (32 bit)
- Windows Vista (32 bit)
- Windows 7 (32 bit)

CONNECTIVITY
- Auto-detect and connect device
- Connection priorities
- Anti-bridging on/off
- Prompt before connect on/off
- Close conflicting applications

USAGE METERING
- Real-time visibility of usage vs. plan
- User defined billing cycle
- Cumulative usage
- Last 12 months

VPN SUPPORT
- Supported VPNs: Smith Micro, AT&T, Aventail, Checkpoint, Cisco, Cisco AnyConnect, F5 FirePass, Juniper SSL, Microsoft, Nortel

MANUAL LAUNCH
- Manual launch VPN from main UI
- Auto-launch VPN after connect
- Save credentials

MOBILE IP
- Seamless roaming between:
  - LAN/WLAN
  - WLAN subnet/WLAN subnet
  - WWAN/WiFi hotspot
  - Private networks
  - Public networks
- Traversal behind NAT, NAPT, and firewall gateway
- IP assignment (local, dynamic, static)
- Bi-directional communications
- IP-in-IP and UDP tunneling
- Mobile IP standard compliance

SMS SUPPORT
- Show/hide based on device support
- GSM

ADVANCED DIAGNOSTICS
- Event description
- Error messages
- Date/time stamp
- Bytes transferred
- Exportable event and diagnostics log

Security Appliance Specifications

HARDWARE
- Processor: single CPU—2.8 GHz or dual
- Quad Core CPUs-1066 or 1333 MHz
- Memory: 2GB—16GB DDR2
- Hard disk: Up to two 3.5 inch SATA HDD

SOFTWARE
- OS: Microsoft Windows 2003
- Web server: Apache Tomcat 6.x
- Database: Microsoft SQL Server 2005
- JDK 1.5

Connectivity Server Requirements

HARDWARE
- Processor: minimum 2 GHz
- Memory: minimum 4 GB
- Hard disk: minimum 60 GB SATA
- Network: minimum 100 Mbps LAN card
- Other: CD-ROM drive

SOFTWARE
- OS: Microsoft Windows 2003
- Web server: Apache Tomcat 6.x
- Database: Microsoft SQL Server 2005
- JDK 1.5

VMware HW/SW REQUIREMENTS
- Memory: 2GB
- Hard drive: 30GB
- LAN: Two Ethernet ports
- Virtual OS: VMware ESXi
QuickLink Mobility improves operational efficiencies by providing mobile workers with anytime, anywhere secure connectivity to corporate networks and data.
Technical Specifications

IT Management Capabilities

ADMINISTRATIVE CONSOLE
Web-based portal
Client configuration management
Policy enforcement
Software management

REPORTING AND ALERTS
Usage and traffic reports
Configurable time period
By individual and group
Source and destination IP
Application accessed
Bandwidth used
Session date/time stamp
Top 10 reports
Device models, drivers & firmware
Client versions
PRL versions
Operating Systems
SNMP traps and MIBs

POLICY MANAGEMENT AND ENFORCEMENT
Customize support contacts
(phone, number, email, web URL)
Select supported connection technologies
(WWAN, WiFi, Ethernet, dial-up)
Manage connection policies
Create connection profiles
Define VPN connection policies
3rd party application profiles & policies
Include/exclude SMS
Hide/lock client settings
Auto-launch VPN
Disconnect if VPN connection lost
Enable/disable anti-bridging
Prioritize connection profiles
Restrict device models supported
Data compression
Session timeout
Disable exit
Device access control and lock-out

SOFTWARE AND DEVICE MANAGEMENT
Software updates OTA or wire-line
Update client software
Update connection profiles
Update device drivers and firmware
Update priority roaming lists (PRL)
Update WiFi locations
Update third-party application profiles
Hardware inventory
Software inventory
System (laptop) information
WBEM/WMI for laptop status and control
Network configuration
Multiple environments supported

ACCESS CONTROL AND REMEDIATION
Installed software
Software version
Applications/services running
Registry key values
Auto remediation

To learn more about QuickLink Mobility, call 800 477 1543
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