

movianVPN™ by Certicom

extending enterprise security to wireless handheld devices

Guarantee the security of your wireless connections: movianVPN is an award-winning VPN client that provides secure wireless access to corporate network resources. Built on the IPSec standard, movianVPN works with leading VPN gateways, handheld devices and wireless networks so you can extend strong, cost-effective security to mobile employees. Certicom's experience with security for constrained environments and ECC technology ensures that movianVPN has negligible impact on performance or battery-life.

secure, standards-based network access

Enjoy total network access with guaranteed security. movianVPN is the first IPSec-based client designed for wireless devices with support for multiple VPN gateways. IPSec, the de facto standard for VPNs, enables movianVPN to work with your existing gateway, saving time and money by eliminating the need for new infrastructure.

meets the strongest government security requirements

movianVPN meets strict government security requirements and supports Department of Defense Common Access Card for stronger authentication – it is ready to work with existing government infrastructure today.

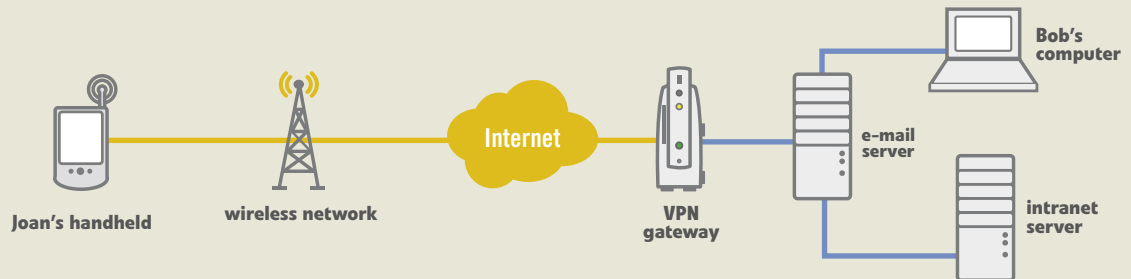
strong security, high performance

movianVPN supports current and legacy algorithms along with a range of authentication options such as RSA Soft Token, providing strong security. High performance is maintained through Certicom's constrained device expertise and an ECC implementation that is ideal for securing wireless devices.

part of a complete handheld security solution

movianVPN is part of a complete solution for wireless handheld security: movianCrypt™ secures the data on the device, while movianMail™ secures e-mail and attachments from sender to receiver – even on the server. To make the creation, and enforcement of handheld security policies easier with large deployments, Certicom offers movianDM™ (Deployment Manager).

movianVPN
at work



Using movianVPN on her handheld, Joan requests presentation updates from Bob at HQ. movianVPN encrypts the message and sends it to the wireless network, the Internet, and finally HQ's VPN gateway. The VPN gateway decrypts the message and passes it to Bob. He responds by attaching the updated presentation and the process begins again in reverse. All communications between Joan's handheld and the VPN gateway are completely secure.

movianVPN Features at a Glance

	movianVPN Palm	movianVPN Windows Mobile™	movianVPN Symbian	movianVPN Linux†
IKE Log	X	X	X	
IP Packet Statistics	X	X		
Integrated Ping Tool	X	X	X	
IPsec Policy Display	X	X	X	
Tunnel Status Indicator	X	X	X	X
Automatic Dialup Support	X	X	X	X
SA Lifetime Configuration	X	X	X	
Socket Retry/Timeout Configuration	X	X	X	
Configurable MTU Value	N/A	X		N/A
Supported Protocols				
Tunnel mode ESP	X	X	X	X
Aggressive Mode Negotiation	X	X	X	X
Main Mode Negotiation		X		
Command Line Interface		X		
Supported Algorithms				
AES(IKE/IPSec)		X	X	
SHA1, MD5, DES-CBC, 3DES-CBC	X	X	X	X
DH768, DH1024 (Groups 1 and 2)	X	X	X	X
DH1536(Group 5), ECDH163 & ECDH283 for key exchange (Groups 7 and 9)	X	X	X	163 only
Advanced Gateway Functionality				
Perfect Forward Secrecy	X	X	X	
Split-Tunneling*	X	X	X	X
Dynamic IP Allocation*	X	X	X	X
DNS Server Download*	X	X	X	X
NAT Traversal Support*	X	X	CLIENT SIDE ONLY	CLIENT SIDE ONLY
IETF NAT-T	X	X		
Push Policy (Password Save Policy*, Connection banner*)	X	X		X
Manual Network (Static IP, DNS, WNS) Configuration	X	X		X
Abundant Connectivity Modes				
GPRS, GSM, CDMA, IrDA	X	X	X	GSM, GPRS ONLY
Bluetooth, Ethernet	Bluetooth	X		
1xRTT, TDMA, iDEN, CDPD, 802.1x	X	X		
Flexible Authentication				
Pre-shared Keys	X	X	X	X
Extended Authentication (XAUTH)*	X	X	X	X
RSA SecurID Software token Integration		X		
Department of Defense CAC Support (PKCS#4,#5,#12)*		X		
X.509 Certificate Support		X		
Administrator Configurable (with movianDM)	X	X	X	X
Built on FIPS 140-2 Validated Cryptographic Module	X	X		
Storage Requirements	400KB	1.6MB	600 KB	N/A

For a current list of supported devices and gateways, please visit <http://www.certicom.com/vpn-support>

*requires matching gateway support
** PPC 2002 only
† Motorola A760 only

System Requirements

Installation
Desktop PC running Windows (95, 98, NT, or 2000) with 4MB of disk space available for installation

Palm Palm Desktop 3.0 or 4.0

Windows Mobile OS Active Sync 3.1 and above

Operation Palm Palm PDA running Palm OS 3.5 to 4.1, Palm OS 5 (Palm Tungsten C and PalmOne T3 only) with 400 KB of available memory

Windows Mobile OS Windows Mobile-based device running Pocket PC 2002 or Pocket PC 2003 with 1.6 MB of available memory

Symbian Nokia Communicator PC Suite with 600 KB of available memory or PC Suite for P800 with 500 KB of available memory

Linux movianVPN comes pre-installed on the Motorola A760. It is currently the only Linux-based device supported by Certicom.

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about certicom

Certicom Corp. (TSX:CIC) is the authority for strong, efficient cryptography required by software vendors, and device manufacturers to embed security into their products. Adopted by the US Government's National Security Agency (NSA), Certicom technologies for Elliptic Curve Cryptography (ECC) provide the most security per bit of any known public key scheme, making it ideal for constrained environments.