

# 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 (GSE version)

movianVPN GSE (Government Security Edition) 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.

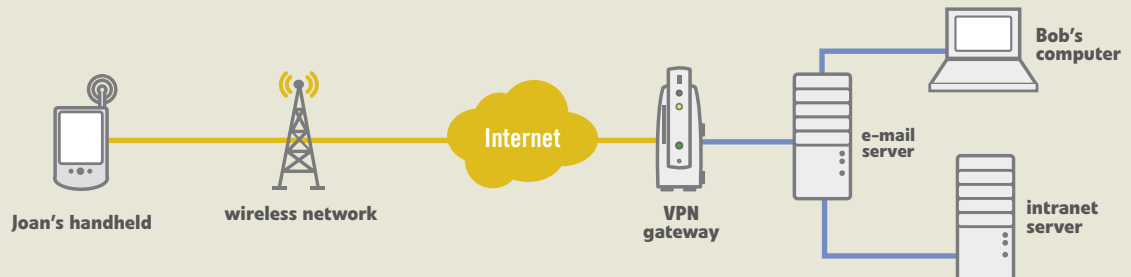
### strong security, high performance

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.

- security applications
- developer toolkits
- professional services

### movianVPN Features at a Glance

	movianVPN Palm	movianVPN CE	movianVPN Palm GSE	movianVPN CE GSE	movianVPN Symbian
IKE Log	X	X	X	X	X
IP Packet Statistics	X	X	X	X	
Integrated Ping Tool	X	X	X	X	X
IPsec Policy Display	X	X	X	X	X
Tunnel Status Indicator	X	X	X	X	X
Automatic Dialup Support	X	X	X	X	X
SA Lifetime Configuration	X	X	X	X	X
Socket Retry/Timeout Configuration	X	X	X	X	X
Configurable MTU Value		X		X	
<b>Supported Protocols</b>					
Tunnel mode ESP	X	X	X	X	X
Aggressive Mode Negotiation	X	X	X	X	X
Main Mode Negotiation		X		X	
<b>Supported Algorithms</b>					
AES(IKE/IPSec)		X		X	X
SHA1, MD5, DES-CBC, 3DES-CBC	X	X	X	X	X
DH768, DH1024 (Groups 1 and 2)	X	X	X	X	X
DH1536(Group 5), ECDH163 & ECDH283 for key exchange (Groups 7 and 9)	163 only	X	163 only	X	X
<b>Advanced Gateway Functionality</b>					
Perfect Forward Secrecy	X	X	X	X	X
Split-Tunneling*	X	X	X	X	X
Dynamic IP Allocation*	X	X	X	X	X
DNS Server Download*	X	X	X	X	X
NAT Traversal Support*	X	X	X	X	X
Push Policy (Password Save Policy*, Connection banner*)	X	X	X	X	
Manual Network (Static IP, DNS, WNS) Configuration	X	X	X	X	
<b>Abundant Connectivity Modes</b>					
GPRS, GSM, CDMA, IrDA	X	X	X	X	X
Bluetooth, Ethernet		X		X	
1xRTT, TDMA, iDEN, CDPD, 802.1x	X	X	X	X	
<b>Flexible Authentication</b>					
Pre-shared Keys	X	X	X	X	X
Extended Authentication (XAUTH)*	X	X	X	X	X
RSA SecurID Software token Integration		X		X	
Department of Defense CAC Support (PKCS#4,#5,#12)*		X		X**	
Administrator Configurable (with movianDM)	X	X		X	X
Built on FIPS 140-2 Validated Cryptographic Module			X***	X	
Storage Requirements	400KB	1.6MB	300KB	1.6 MB	600 KB

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

\*requires matching gateway support  
\*\* PPC 2002 only  
\*\*\* certification pending

### 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 CE** Active Sync 3.1 and above.

#### Operation

**Palm** Palm PDA running Palm OS 3.5 to 4.1, with 400 KB of available memory.

**Windows CE** Windows CE-based device running Handheld PC 2000, Pocket PC 3.0 or Pocket PC 2002 with 1.6 MB of available memory.

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

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## about certicom

Certicom is a leading provider of wireless security solutions, enabling developers, governments and enterprises to add strong security to their devices, networks and applications. Designed for constrained devices, Certicom's patented technologies are unsurpassed in delivering the strongest cryptography with the smallest impact on performance and usability.