

SafeNet SoftRemoteLT™

Remote Access Will Never Be The Same Again

Today, business and mobility go hand-in-hand. Corporations have transformed their work force into a group of traveling users, who from several locations access their critical information using the Internet. With emerging access technologies come new security threats. Any remote access user, whether connected to the



corporate network by a standard dial-up connection or a wireless application such as 802.11, may be exposed to the growing hazards posed by hackers.

And now with wireless LAN technology exploding into business applications, corporations can address their security concerns with wireless users by installing SoftRemoteLT™ at desktops and laptops,

and installing an IPSec-interoperable gateway behind the wireless access point. Since IPSec is based on strong security through proven algorithms, using it over wireless LANs can address security concerns for wireless users such as eavesdropping, dictionary attacks, decryption of traffic, and unauthorized use.

SafeNet Introduces A Streamlined Next Generation VPN Client-SoftRemoteLT™

SoftRemoteLT™ is a streamlined version of SafeNet's next generation remote access client, SoftRemote®. This enhanced client software product offers unparalleled extended features to remote access users connecting to the corporate VPN. SoftRemoteLT™ has all the features of SoftRemote® except personal firewall capabilities.

SoftRemoteLT™ (formerly known as Soft-PK™) is the most widely deployed, IPSec-compliant, VPN client. With its robust security, interoperability, and ease-of-use, SoftRemoteLT™ is the client of choice by leading communications and security vendors including Cisco, 3Com, Worldcom, Nokia, Netscreen, RSA Security, Watchguard, and Secure Computing. Thanks to the widespread deployment of its predecessor, Soft-PK™, SoftRemoteLT™ will become the industry's leading VPN remote access software.

The encryption technology in SoftRemoteLT™ is based on the latest industry-standard IPSec recommendations and built on over 18 years of SafeNet's security expertise and SecureIP Technology™. It provides VPN capabilities to desktop and portable computers for Microsoft® Windows® 95, 98, Me, NT 4.0, 2000 Professional, and now XP, enabling secure client-to-client or client-to-gateway communications over TCP/IP networks and dial-up connections. Your road warriors can now telecommute as securely through an ISP or other dial-in remote access device as your desktop users can communicate across a private LAN or WAN.

Features for SoftRemoteLT™

Besides being fully XP compatible, other latest features include support for NAT Traversal (NAT-T). SoftRemoteLT™ will support NAT-T provided a NAT-T compliant gateway is used with the client.

A unique feature only available in SafeNet's SoftRemote® and SoftRemoteLT™ clients is the support for browser certificates. Certificates available in the Microsoft® Internet Explorer browser can be used by SoftRemoteLT™ for IPSec operations, allowing users the ability to import or request certificates using functionality native to their browser.

Other new features in SoftRemoteLT™ include improved interoperability with the Nortel Contivity VPN Switch expanding the extensive interoperability of SoftRemoteLT™. Having interoperability with Nortel's Contivity box eliminates the need for organizations to provide more than one VPN client to their users.

Other Advanced Features Include:

- Gateway Hostname Resolution - provides the ability to resolve the name of the Secure Gateway Tunnel entry using DNS, WINS, and LMHOST
- Automatic certificate selection - SoftRemoteLT™ automatically sends its own certificate based on the request of the peer instead of requiring it to be locally configured; and allows the client (based on configuration) to accept any ID from the peer as long as the accompanying certificate is issued by a "trusted" CA.

Interoperability

SoftRemoteLT™ seamlessly creates a VPN when it operates on the Internet. You can rely on SoftRemoteLT™ to connect with IPSec-interoperable network devices, such as routers gateways, and firewalls, from all the leading security vendors. In addition, SoftRemoteLT™ supports these advanced interoperability protocols:

- Layer 2 Tunneling Protocol (L2TP), configured as a dial-up networking (DUN) connection, which extends support to non-IP protocols over both dial-up and Ethernet connections
- Extended Authentication Protocol (EAP), which supports RSA SecurID®, Secure Computing's SafeWord, and RADIUS

- Simple Certificate Enrollment Protocol (SCEP), which interoperates with certificate authorities (CAs) that support online certificate requests. These CAs include Microsoft, Netscape, Entrust, VeriSign, and Baltimore Technologies

Reliability

Network reliability is critical for secure communications. SoftRemoteLT™ provides redundant gateway capability and keepalives. Redundant gateways can dramatically increase your network reliability by enabling an alternate gateway when the primary gateway is not available. Internet Key Exchange (IKE) keepalives can increase your network reliability by restarting IKE negotiations when the client detects stale security associations (SAs).

Easy to Use

SoftRemoteLT™ includes several modules that make it easy for you to configure and diagnose connection problems:

- Certificate Manager facilitates digital certificate management for online or manual enrollment
- Security Policy Editor enables users to configure a security policy connection-by-connection
- Connection Monitor displays statistical and diagnostic information for each active connection
- Log Viewer lists the IKE negotiations that occur as secure connections are established

Features

With SoftRemoteLT™, you can perform these functions:

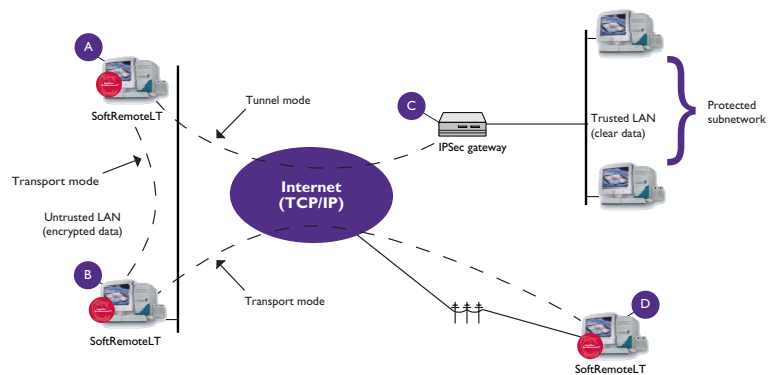
- Virtual Adapter support, which allows an IPSec gateway to assign network settings for improved network functionality with other applications
- Configure security policies and manage certificates through a graphical user interface.
- Transfer digital certificates personal (with private key) and CA-between home and office PCs.

- Create customized installations and distribute them to users for easy setup; installations can include locked security policies to ensure network security.

SafeNet SecureIP Technology™

With broad market acceptance through both the end user and OEM VPN markets, SafeNet SecureIP Technology™ is one of the leading security industry standards and has been adopted by industry leaders such as Cisco Systems, RSA Security, Nokia, Texas Instruments, Compaq, and Samsung.

SafeNet SecureIP Technology™ provides the building blocks for security implementations that enable organizations to use the Internet and other shared networks for private communications. Providing a suite of VPN products, SafeNet offers a broad range of complete VPN solutions for intranet, extranet, and remote access applications and are all built on the time and field-tested SecureIP Technology™.



Examples of Secure Communications:

- A to B is a secure client-to-client connection in transport mode; so is B to D.
- A to C is a secure client-to-gateway connection in tunnel mode.

Specifications

System Requirements

Disk Space - 10 MB
16MB RAM for Windows 95, 98
32 MB RAM for NT, 64 MB for Me and 2000
64 MB for XP

Encryption

DES, 3DES, and AES

Hash Algorithms

HMAC-MD5, HMAC-SHA-1, DES-MAC

Compression

IPComp - Deflate and plug-in support for LZS

Diffie Hellman Group Support

Group 1 - MODP 768, Group 2 - MODP 1024,
Group 5 - MODP 1536

Authentication Mechanisms

Preshared keys, RSA Signatures

Key Management

IKE (Internet Key Exchange)

IPSec Modes

Tunnel, Transport

IKE Modes

Main, Aggressive, Quick

Certificate Acquisition

SCEP, PKCS #7 and PKCS #10, PKCS #12
Microsoft Internet Explorer

Other Features

X.509 V3 Support, LDAP Directory Support, CRL Processing, Centralized Policy Management, Self-signed Certificate Support XAUTH Support, IKE Mode Configuration L2TP, redundant gateways, IKE keepalives, Diagnostic Training, Audit Log, Split Tunneling

Stated CA Compatibility

Entrust, Baltimore Technologies, VeriSign, RSA Keon, Microsoft, Netscape

Distributors and resellers located worldwide.



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