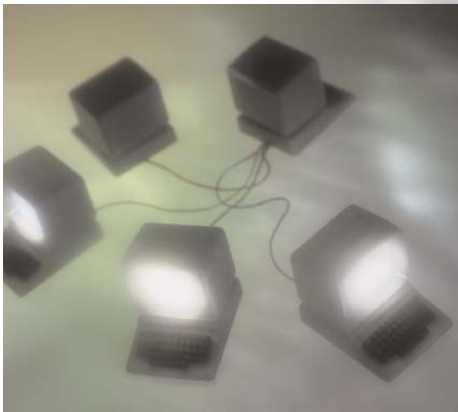


# SafeNet SoftRemote®

## The Continually Changing Face of Remote Access

Today's corporations have transformed their work force into a group of traveling users. From several locations, business users access their critical information using the Internet. New access technologies, such as DSL, cable modems, and wireless communications are becoming increasingly popular. With these emerging access technologies come new security threats. Any remote access user, whether connected to the corporate network by an "always on", standard dial-up, or wireless



**The broadband market is expected to grow by leaps and bounds, with revenues reaching \$33 billion by 2002.**

connection, may be exposed to the growing hazards posed by hackers. In the past, prevention of these numerous threats could only be solved through installing multiple software packages.

firewall capabilities, and support for strong two-factor authentication through industry-standard smart cards. The combination of several industry-standard technologies gives corporations an unmatched solution to complete and secure remote access.

SafeNet SoftRemote® is the next generation of remote access client software and offers unparalleled extended features to remote access users connecting to the corporate VPN. Some of these features include XP compatibility, NAT-T support, personal

SoftRemote® protects the corporate network from malicious activity by creating a secure tunnel over the Internet while providing solid protection against Internet thieves and vandals through endpoint security. Covering both direct and remote access to the corporate network, as well as Internet access, SoftRemote® is an "always on" application, protecting the user's PC even when not connected to the corporate VPN. SoftRemote® is built with SafeNet SecureIP Technology™, which provides the building blocks for security implementations that enable organizations to use the Internet and other shared networks for private communications.

## SoftRemote VPN Client

SafeNet SoftRemote® is the next generation of remote access client software and offers unparalleled extended features to remote access users connecting to the corporate VPN. Some of these features include XP compatibility, NAT-T support, personal

## Newest Features for SoftRemote®

Besides being fully XP compatible, other latest features include support for NAT Traversal (NAT-T), support for browser certificates, Section 508 Compliance, and policy protection.

Section 508 requires that when Federal agencies develop, procure, maintain, or use electronic and information technology (EIT), they shall ensure that the EIT allows Federal employees with disabilities and members of the public seeking information or services from a Federal agency, to have access to and use of information and data that is comparable to the access to and use of information and data by Federal employees and members of the public who are not individuals with disabilities.

SoftRemote includes policy protection, ensuring the privacy and integrity of a security policy using PKCS7 encryption and PKCS5 password-based encryption. A unique feature only available in SafeNet's SoftRemote® is the support for browser certificates. SoftRemote® can use certificates available in the Microsoft® Internet Explorer browser for IPSec operations, allowing users the ability to import or request certificates using functionality native to their browser.

Other new features include improved interoperability with the Nortel Contivity VPN Switch, expanding the extensive interoperability of SoftRemote®, which eliminates the need for organizations to provide more than one VPN client to their users.

## Who should use SoftRemote®?

- Users who have upgraded their operating system to Windows® XP
- Users who need the added NAT functionality to traverse through compatible corporate gateways
- "At home" and telecommuting users accessing a corporate VPN from a desktop PC or laptop using dial-up, cable modem or DSL connections
- "Road warriors" remotely accessing a corporate VPN with a laptop using dial-up or Ethernet
- Extranet partners using their PCs to securely access a partner's corporate network

## VPN Capabilities

SoftRemote® secures communication from client-to-client or client-to-gateway using the best encryption technology based on the latest industry-standard IPSec recommendations. Compatible with all Microsoft® Windows® operation systems including XP and any IPSec-compliant solution, SoftRemote® supports advanced interoperability protocols including: Layer 2 Tunneling Protocol (L2TP), and Extended Authentication Protocol (XAUTH) supporting RSA SecurID™, RADIUS, and Secure Computing SafeWord™ PremierAccess™. SoftRemote® also supports Simple Certificate Enrollment Protocol (SCEP), which provides interoperability with certificate authorities that support online certificate requests.

**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 - SoftRemote 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.
- Virtual Adapter support, which allows an IPSec gateway to assign network settings for improved network functionality with other applications

SoftRemote® is built on SafeNet's CryptoGraphic Extensions (CGX) Library. A comprehensive library of encryption features, the CGX Library has been tested and validated for FIPS-140-1 certification. Because SoftRemote® is built on previous versions of the CGX Library, SoftRemote is designed for FIPS 140-1 certification.

SoftRemote® also includes several best-in-class features including a Certificate Manager, a Security Policy Editor, a Log Viewer that lists IKE negotiations, and a connection monitor displaying statistical and diagnostic information.

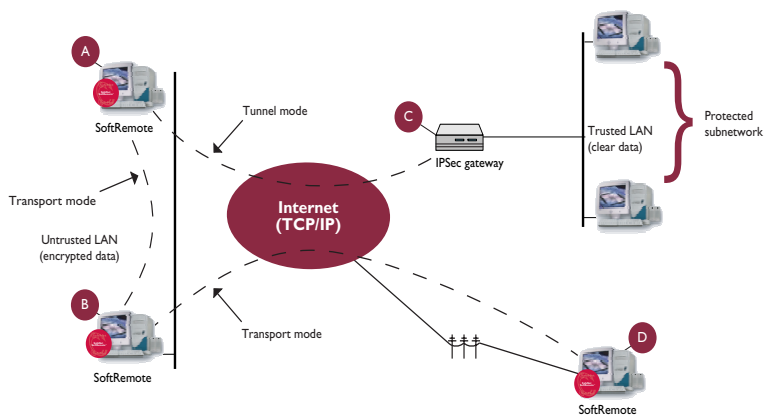
**Use Proven Technology from the Leader in Internet VPN Security**

SafeNet's SoftRemote® is built on immense security expertise and unsurpassed technology that is already used by industry leaders including Cisco, Worldcom, RSA Security, Watchguard, Secure Computing, 3Com, and NetScreen. Since SoftRemote® has become the de facto standard for remote access in the industry, its core technology has been used to build other variations of SoftRemote including SoftRemotePDA™ for the Palm OS, and SoftRemoteLT™, a streamlined version of SoftRemote®, that addresses the security vulnerabilities in 802.11b applications and other wireless applications.

**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. SafeNet SecureIP Technology™ has been adopted by industry leaders such as Cisco Systems, Centillium Communications, RSA Security, Nokia, and Nortel Networks for their embedded VPN solutions.

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, IKE, Support Mode Configuration, L2TP support, 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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