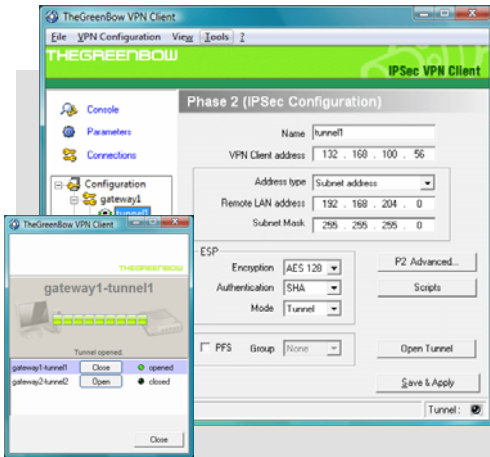


## TheGreenBow IPsec VPN Client

# DataSheet

WebSite: <http://www.thegreenbow.com>

Contact: [support@thegreenbow.com](mailto:support@thegreenbow.com)



## Securing Communications

Designed specifically for the mobile work force, TheGreenBow™ VPN Client is a software implemented VPN IPsec solution that allows a user to establish a secure connection to the corporate environment, over the internet.

Where most of the competitors are hardware dependant, TheGreenBow™ VPN Client is interoperable and compatible with all VPN IPSEC gateways. TheGreenBow™ VPN Client provides the most comprehensive interface in the market: setting up a VPN is no longer a painful task!

## Key Features

- Interoperability with all IPsec VPN Gateways
- IPsec VPN tunneling with DES / 3DES / AES encryption
- Internet Key Exchange (IKE) for user authentication
- Supports all connection type : DSL, dialup modem, Ethernet, wireless,...
- DPD and Redundant gateway
- Mode-Config (auto, manual)
- Use USB Drive to store VPN Security Elements (network, key, certificates, ...)
- User Authentication with X-Auth, PEM or PKCS#12 Certificates, SmartCards, PreShared keys, USB Tokens,...
- Supports all Microsoft OS including Windows 7

## User friendly

The interface of TheGreenBow™ VPN Client makes it popular. Easy to install, easy to configure, easy to read, it comes together with a configuration wizard and gateways-configuration-guides that help users to create VPN connections quickest as ever before. Thus, it represents cost-effective solution for integrators.

## Universal VPN IPsec Client

TheGreenBow™ VPN Client runs on Windows 2000, XP and Vista workstations. It has also been extensively tested for interoperability with multiple vendor's gateways. The expanding list of interoperable gateways is available on our web site.

## Point-to-Point tunnel support

TheGreenBow™ VPN Client is able to create VPN tunnels with other TheGreenBow™ VPN clients, allowing users to create confidential sub-networks inside corporate LAN or to secure wireless LAN.

## Management options

Configuration and parameters are stored in a unique file. Thus, deploying TheGreenBow™ VPN client is as easy as copying a file. Moreover, various management tools allow administrators to control when and how TheGreenBow™ VPN Client should run.

## Scalability

From private users concerned with the security of their home wireless network, to big companies equipping their remote workforce, TheGreenBow™ VPN client represents an efficient and affordable solution for all sizes of projects.

## TheGreenBow

28 rue de Caumartin  
75009 Paris – France  
Phone : +33.1.43.12.39.30  
[www.thegreenbow.com](http://www.thegreenbow.com)

## Product Specifications

- **Hash algorithms**  
MD5-HMAC 128 bit authentication  
SHA1-HMAC 160-bit authentication  
SHA2-HMAC 256-bit authentication
- **Encryption**  
DES-CBC 56 bit encryption  
3DES-CBC 168 bit encryption  
AES 128, 192, 256 bit encryption
- **Diffie Hellman Group Support**  
Group 1: MODP 768  
Group 2: MODP 1024  
Group 5: MODP 1536  
Group 14: MODP 2048
- **Authentication Mechanism**  
Preshared Key  
X509 Certificate  
X-Auth (with OTP Tokens)  
Hybrid Authentication Method  
Vista Credential Provider (aka GINA)
- **Certificate Store capabilities**  
Flexible Certificate files (PEM, PKCS#12)  
SmartCard & USB Token (RSA,..)  
Windows Certificate Store
- **IKE & IPSec Mode**  
ISAKMP (RFC2408), IKE (RFC2409)  
ESP, Tunnel, Transport  
Main, Aggressive, Quick  
Hybrid Authentication Method
- **Config-Mode**  
Automatically fetch remote network DNS, WINS server addresses. Manual Config-Mode in case remote gateway doesn't support Config-Mode.
- **Networking**  
NAT traversal (Draft1, 2 & 3) allows IPSec connection through a NAT device. Main mode & aggressive mode.  
NAT keep Alive, Payload NAT\_OA, IP address emulation.  
Forced NAT-T.  
Multi tunneling to several Gateways.  
Dead Peer Detection (DPD) support.
- **Connection Technologies**  
DSL, GPRS-Edge-3G, Ethernet, WiFi,...
- **Redundant Gateway**  
Redundant gateway when primary is down, not responding. Use of DPD for fail over.
- **USB Drive mode**  
All formats supported (SD, MMC, ...)  
Auto close, Auto open IPSec tunnels when plug in or remove USB drive.  
Security Elements (e.g. network configuration, shared key, certificates, ..) cannot be used on other computers.
- **Peer to Peer**  
Peer to Peer connections  
Accepts incoming IPSec Tunnels
- **Blocking capabilities**  
'IPSec only' traffic filtering  
Can block all other connections than the VPN connections.
- **Management Options**  
Access control to Configuration Panel.  
Can run fully invisible to users.  
Set of command lines to make easier deployment and management.  
Launch script when tunnels open or close.  
Add new USB Tokens/Smartcard anytime.
- **Performance**  
Runs as a service on Win2K, XP, Vista  
High performances, no system overhead
- **Custom GUI**  
On-demand GUI customization
- **Supported Platforms**  
Win2000, WinXP 32-bit, Windows Server 2003 32-bit, Windows Server 2008 32/64-bit, Vista 32/64-bit, Windows 7.
- **Supported VPN Gateways**  
Astaro, Bewan, Billion, Bintec, Cisco, D-Link, Efficient Network, Fortinet, FreeSwan, OpenSwan, GTA, Hotbrick, Linksys, Microsoft, Netasq, Netgear, Netscreen, Securepoint, Sonicwall, Symantec, Tuxgate, Zyxel, etc...

### TheGreenBow

28 rue de Caumartin  
75009 Paris - France  
Phone :  
+33.1.43.12.39.30  
[www.thegreenbow.com](http://www.thegreenbow.com)

### Sales information

[sales@thegreenbow.com](mailto:sales@thegreenbow.com)