

THEGREENBOW



TheGreenBow VPN Client

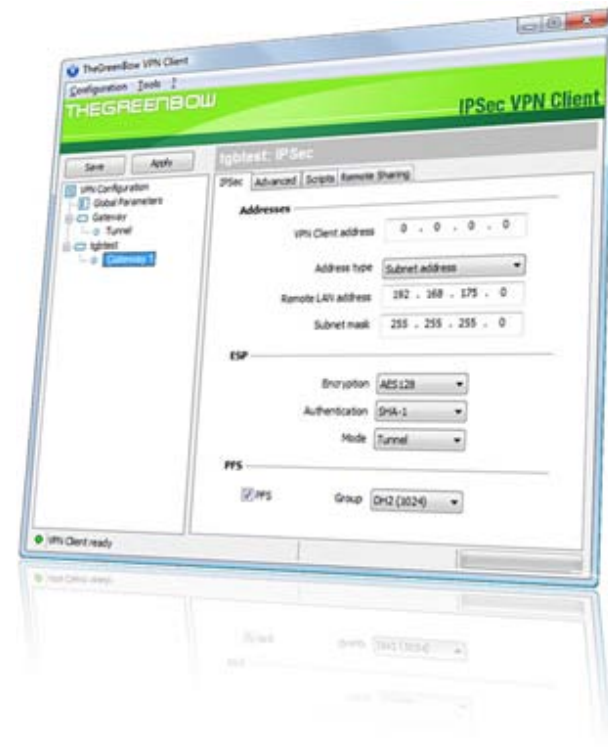
Secure, Strong, Simple

IPSec VPN Client software



Authentication and Keying

- Encryption & Hash algorithms
 - MD5-HMAC 128 bit authentication
 - SHA1-HMAC 160-bit authentication
 - 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 support
 - X-Auth
 - SmartCard & Token (Aladdin, ..)
 - Flexible Certificate Support (PEM, PKCS#12, ...)
- Key Management
 - ISAKMP (RFC2408)
 - IKE (RFC2409)
- IKE & IPSec Mode
 - ESP, Tunnel, Transport
 - Main, Agressive, Quick
 - Hybrid Authentication Method
- Config-Mode



Networking

- **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, dial-up modem, GPRS-Edge-3G, Ethernet, PCMCIA cards, WIFI, etc...
- **Redundant Gateway**
 - Redundant gateway when primary is down or not responding. Use of DPD for fail over.
- **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.
- **Remote Desktop Sharing (RDP session)**
 - Multiple Remote Desktop Sharing sessions
 - The VPN tunnel automatically opened, and an RDP session is launched to reached the remote machine.
 - See it in short video [here](#).



Deployment

- **USB stick mode**
 - All formats supported (SD, MMC, ...)
 - Auto close, Auto open IPsec tunnels when plug in or remove USB Stick
 - Security Elements (e.g. network configuration, shared key, certificates, ..) cannot be used on other computers
- **Config-Mode**
 - Automatically fetch remote network DNS, WINS server addresses.
- **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 (hidden mode)
 - Set of command lines to make easier deployment and management
 - Capability to start before logon
 - Launch script when tunnel open or close



Ecosystem

Supported Platforms

- Windows Server 2003/2008, XP, Vista 32/64-bit, Seven 32/64-bit.
- Windows Mobile 5.0, Mobile 6 & 6.5



Supported 100+ VPN Gateways

- Astaro, Bewan, Billion, Bintec, Cisco, D-Link, Efficient Network, Fortinet, FreeSwan, OpenSwan, GTA, Hotbrick, Linksys, Microsoft, Netasq, Netcelo, Netgear, Netscreen, Securepoint, Sonicwall, Speedtouch, Symantec, Tuxgate, Zyxel,...

Supported USB Tokens & SmartCards

- ActiveIdentity, Aladdin, Alios, Gemalto, Oberthur, Safenet, ...

Supported Languages

- Arabic, Chinese (simplified), Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hindi, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Serbian, Slovenian, Spanish, Thai & Turkish.

Solution Partners





Secure, Strong, Simple

TheGreenBow Security Software

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