

# Secure Planet

Virtual Private Network



Your office, anytime, from anywhere, just like being there

# Secure Planet VPN - Virtual Private Networks - Made easy

## Introducing Secure Planet VPN

Full access to all your company resources, not just e-mail, from anywhere  
Use any internet connection with total confidence, at home or abroad  
Empower remote working for your business

## Why is Secure Planet VPN different?

It's simple to install, simple to manage, and easy to use  
It's powerful, stable and totally secure  
Extremely affordable, no additional hardware required for a typical installation

Using the Secure Planet VPN is simple. Connect to the internet and access your network via the Secure Planet VPN Gateway, that's it! Take advantage of any internet connection. Secure Planet VPN empowers your business and ensures that employees are connected from anywhere. Secure Planet VPN delivers connections that are safe and secure..... at a cost that, for the first time, makes effective VPN technology available to all.

## Secure Planet VPN- Gateway - Ease of Management

Dedicated remote access function removes the complications normally associated with access gateways on the router or firewall. This significantly reduces complexity and the cost of support. Secure Planet VPN reduces the installation costs traditionally associated with VPN technologies. Auto-install and configuration removes the need for high level IT skills. Using internal domain rights to dictate remote access permissions eliminates dual sets of user access databases. Toggling users in and out of the "Active" list makes for simple and efficient resources allocation. Linking the issuing of Certificates to domain user status offers transparent certificate authority control.

## Ease of Use - Remote Client

An easy and secure single click connection to the office. Once connected, users have a familiar network interface for both remote and office based access through powerful, yet transparent, certificate based security.

## Secure Planet VPN Innovation

Unique technologies for low Total Cost of Ownership  
Applying technology to simplify installation and use  
Saving time and effort, reducing cost and increasing productivity

## Safe and Secure

Dynamic firewalling protects the remote worker from security threats  
Secure Planet automates the backup of user profiles on the gateway  
User unique certificate authentication and selectable encryption  
Using technology to deliver your private, secure network

## Securing remote access with Secure Planet

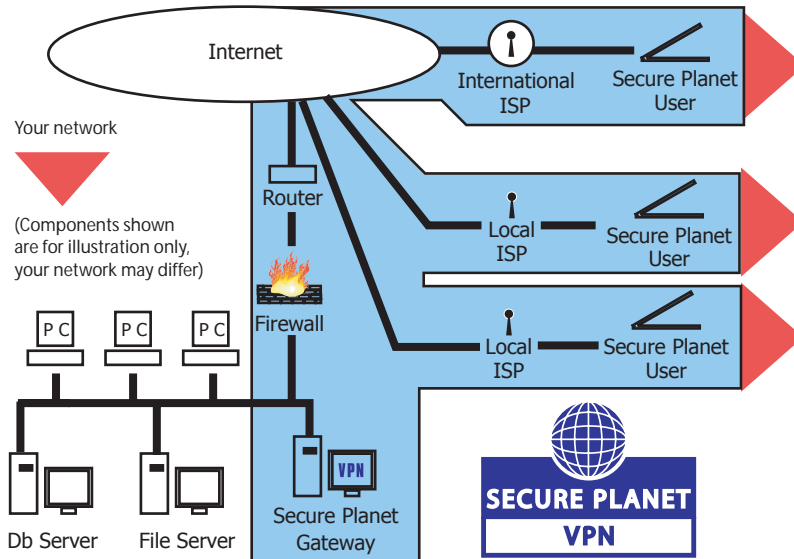
Flexible - add users as you grow, keep peace of mind and control  
Affordable - Maximises internet benefit, reduces support  
Save money - Solid, affordable VPN for your business

# Secure Planet VPN - Secure Remote Access in three easy steps

Secure Planet  
Virtual Private  
Network  
Easy to use  
Easy to manage

Your office,  
anytime,  
from anywhere

Just like being there



Business Travellers  
International Branches  
Suppliers and partners

Home Workers  
Field staff  
Clients and customers  
Hot spots

Setting individual access  
rights is simple. After all,  
it is your virtual private  
network

## Secure Planet VPN THREE EASY STEPS

### Step 1 - Gateway + Firewall Setup



Install Gateway Software  
Grant Access to user group  
Publish welcome memo  
Allow UDP port 500 to Gateway

### Step 2 - User Enrols with gateway



Enter windows user ID, Password  
Verify Gateway fingerprint (matrix)  
Choose personal pass-phrase  
Valid user + authorised group?  
Gateway issues certificate to user

### Step 3 - Connect to office



Enter profile, pass-phrase  
Connect to office  
Use the office network

## Secure Planet VPN - Security Features

Secure Planet VPN is extremely easy to use, but the underlying technology is powerful and sophisticated. High-level cryptographic mechanisms offer maximum protection of privacy and ensure network security. 3DES & AES encryption standards may be specified gateway by gateway. Users enrol for certificates over an encrypted TLS (Transport Layer Security) Session.

The user's private key is stored on the gateway and on the user's PC in encrypted form, protected by the user's personal pass-phrase. The gateway never obtains any information to decode this private key.

A dynamic fire-walling feature assures that the user cannot inadvertently become a "router" between the office network and the Internet. This is achieved by automatically restricting all other traffic from the Internet and outside of the local subnet (while connected to the office network). The gateway also has built-in automated Certificate Authority (CA) and automatically issues all required user and gateway certificates.

Please contact us or your reseller for further technical information.

## Technology highlights of Secure Planet VPN

**Virtual IP address** Allows remote users secure access to the company resources such as file servers, printers and database applications, transparently, without requiring re-configuration of these applications when roaming.

**Once a user is connected via VPN** the connection is treated as part of the business network. All IP traffic is securely tunnelled between the Virtual IP address and your business.

**IPSec over UDP tunnelling.** To solve the problem of firewall and NAT traversal, The VPN includes a proprietary protocol that tunnels all IP traffic over IPSec and then over a single UDP connection. This reduces the firewalling configuration to the absolute minimum. Instead of configuring four or five traffic types (as required by most VPN solutions) configuration is reduced to one traffic type.

**Certificate based authentication.** The Gateway issues a Digital Certificate to users during the enrolment process. To facilitate mobility, these certificates are stored securely both on the remote PC and the Gateway. This enables users, with the correct credentials, to connect from different PC's.

**Windows Domain Integration.** The Gateway automatically authenticates users against the Windows user database during enrolment, to identify the user before a certificate is issued. Once the certificate is issued, the user authenticates him/herself using the certificate and a private key pass-phrase



[www.secure-planet.com](http://www.secure-planet.com)

## Minimum System Requirements

**Gateway.** Pentium III, 128MB RAM, 100MB free HDD space, Ethernet card and permanent Internet connection. Windows 2000 or XP.

**Client.** Pentium PC, 32MB RAM, 10MB free HDD space, Internet connection (Wi-Fi, Cable, ADSL, Satellite, modem etc.) Windows 98, ME, NT4x, 2000 or XP.