

DR-250

DSL2/2+ Router

The GreenBow Ipsec VPN Client to DR-250

VPN Client 4.1, design for Windows Vista



Technical Support

If you require assistance with any of the instructions in this application note you can contact Westermo as follows:

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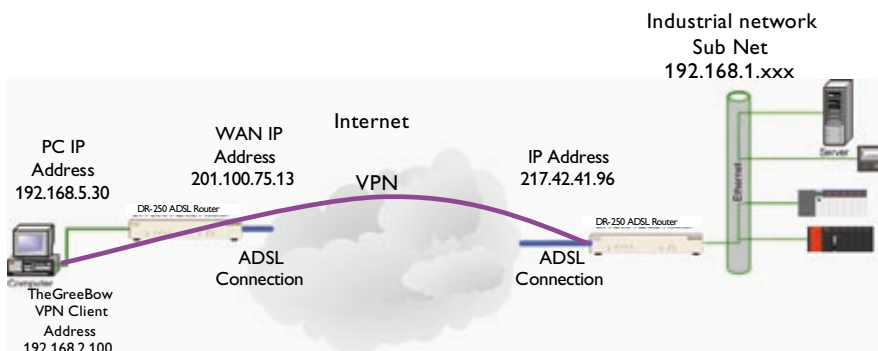
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TheGreenBow VPN client to Westermo DR-250 ADSL router

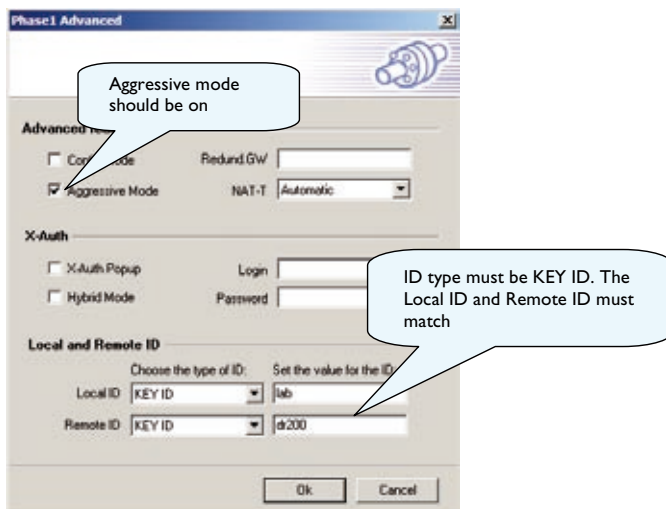
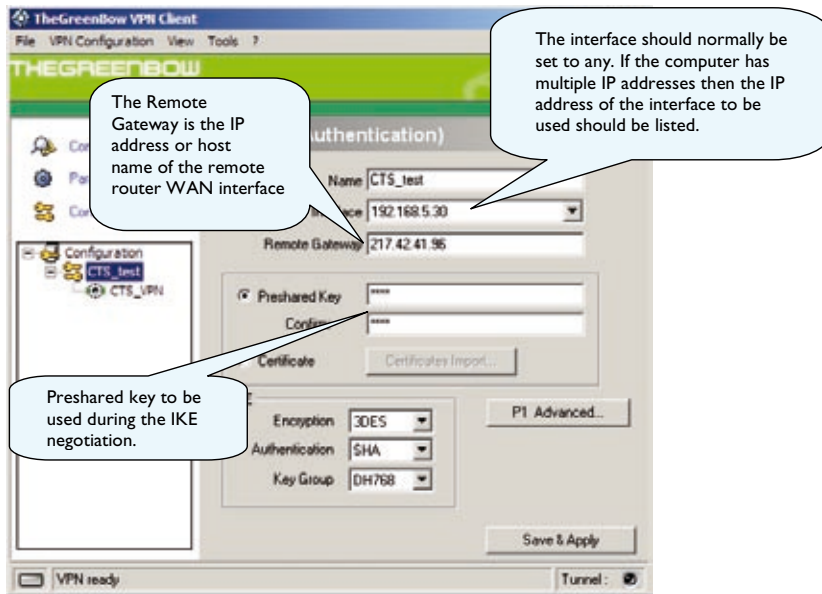
Introduction

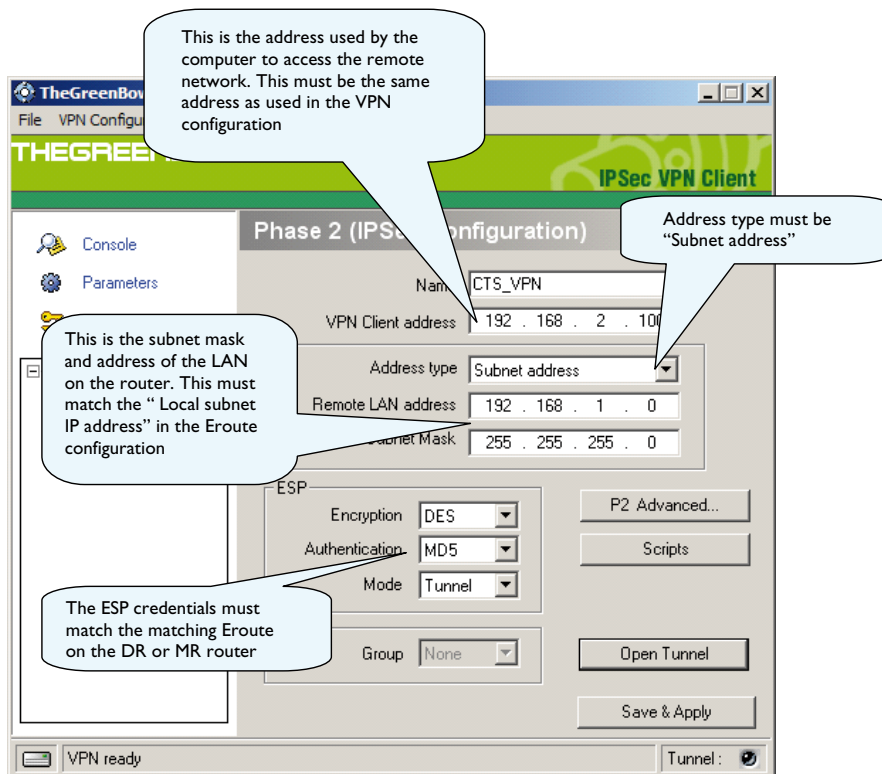
This application note covers the setup of TheGreenBow™ VPN IPsec client to a Westermo DR-250 router. TheGreenBow™ client is a commercial licensed software. A free trial version is available at www.thegreenbow.com. This client has been chosen to complement the DR series of routers and provide an easy to use client. The various versions of Microsoft Windows do support IPsec clients to a lesser or greater extent. The Microsoft clients are often problematic, time consuming to configure and require changes to the registry to make them work reliably. Westermo recommend that the TheGreenBow client is used in all application where access is required from a computer to a remote LAN. For LAN to LAN applications refer to the Westermo VPN application note.



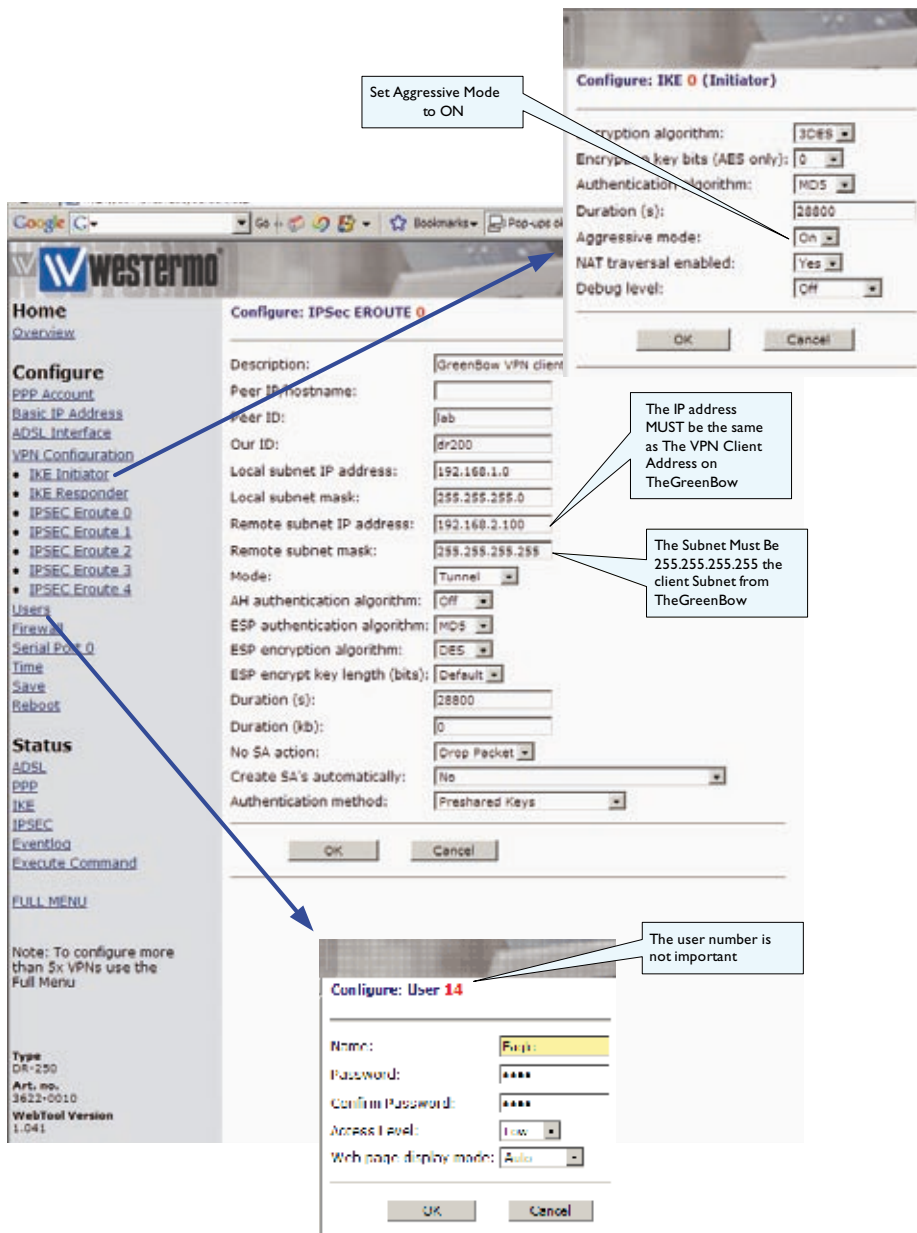
This application note was tested with version 4.10.009 of the TheGreenBow client.

The GreenBow Setup





DR-250 Setup – Eroute-x and IKE Screen shots



The screenshot displays the Westermo web interface for configuring the DR-250 device. The main configuration page is titled "Configure: IPsec EROUTE 0". The left sidebar shows the navigation menu with options like Home, Overview, Configure, and Status. The "Configure" section is expanded, showing various configuration options. The "IPsec EROUTE 0" configuration is selected, and the "Aggressive mode" is set to "On".

Annotations highlight specific configuration details:

- Set Aggressive Mode to ON:** A callout points to the "Aggressive mode" dropdown menu, which is set to "On".
- The IP address MUST be the same as The VPN Client Address on TheGreenBow:** A callout points to the "Remote subnet IP address" field, which is set to "192.168.2.100".
- The Subnet Must Be 255.255.255.255 the client Subnet from TheGreenBow:** A callout points to the "Remote subnet mask" field, which is set to "255.255.255.255".
- The user number is not important:** A callout points to the "Configure: User 14" dropdown menu, indicating that the user number (14) is not critical for the configuration.

The "Configure: User 14" dropdown menu is also visible, showing the user name "User 14" and the password "1444".

Extract from config.da0

Eroute configuration. The Eroute number can be any valid eroute on the router.
The router must have IPsec encryption enabled on the router: The DR-250 has IPsec enabled as default but the MR-200 and MR-250 requires an upgrade option.

Eroute Configuration	
eroute 0 descr "GreenBow VPN client"	
eroute 0 peerid "Eagle"	
eroute 0 ourid "Hawk"	
eroute 0 locip "192.168.1.0"	
eroute 0 locmsk "255.255.255.0"	
eroute 0 remip "192.168.2.100"	The IP address must match the client address on GreenBow
eroute 0 remmsk "255.255.255.255"	
eroute 0 ESPauth "MD5"	
eroute 0 ESPenc "DES"	
eroute 0 ltime 28800	
eroute 0 lkbytes 0	

IKE configuration
Aggressive mode must be switched ON.
ike 0 encalg "3DES"
ike 0 ltime 28800
ike 0 aggressive ON
ike 0 deblevel 4
ike 1 encalg "3DES"
ike 1 ltime 28800
ike 1 aggressive ON