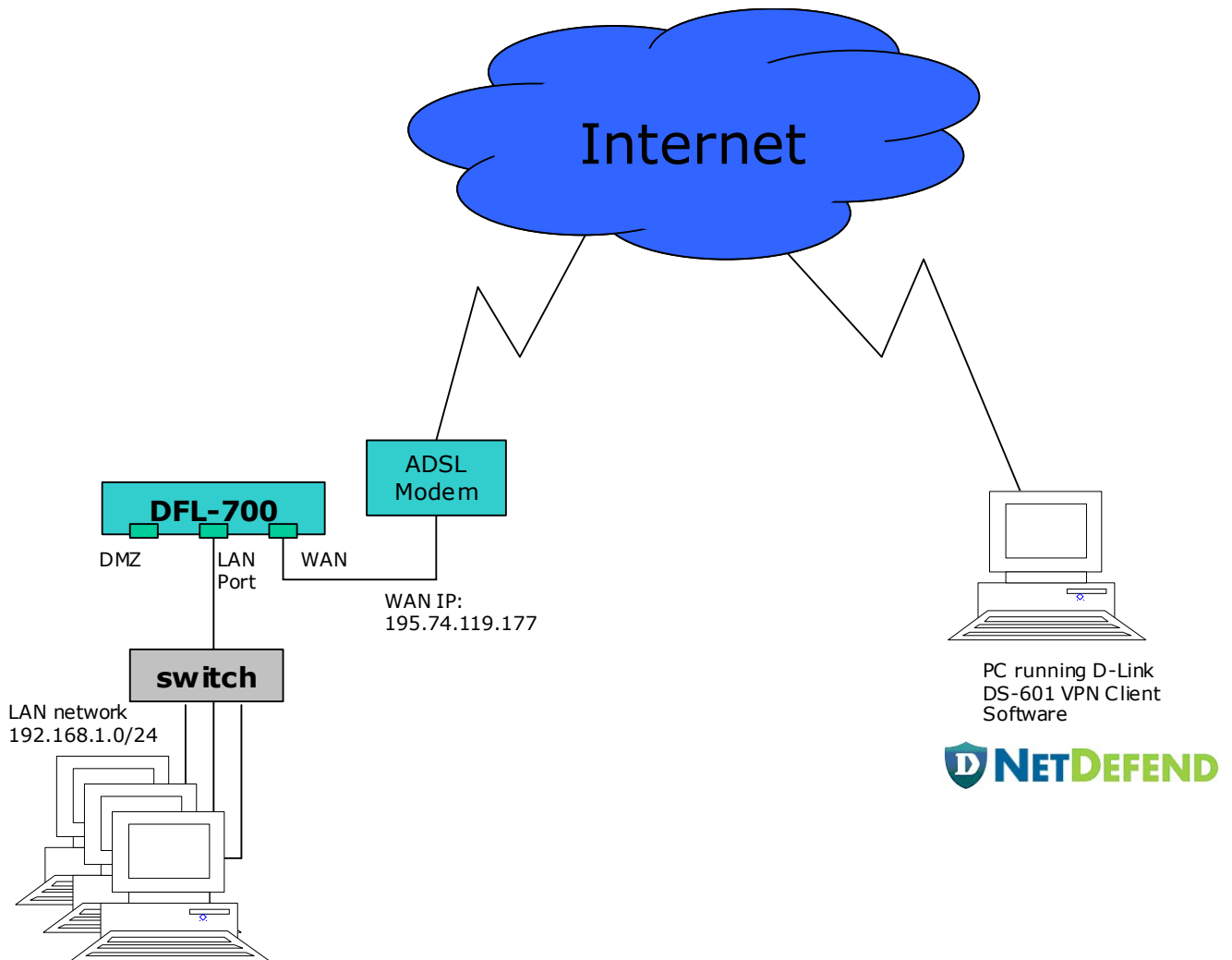
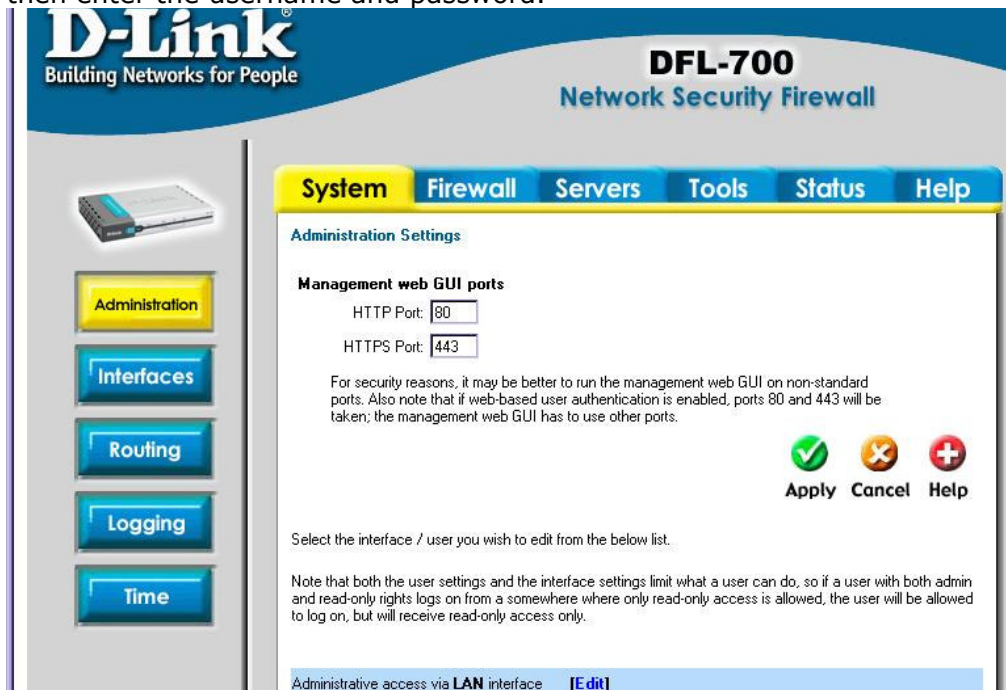


DFL-700 with DS-601 VPN Client Configuration Guide

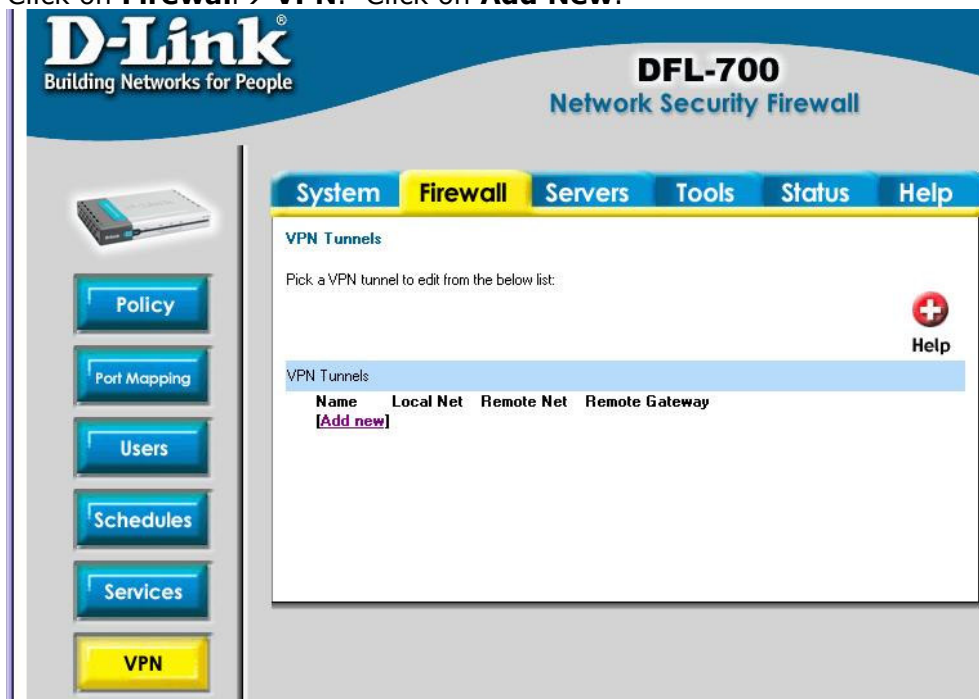
This guide will show how to configure the **DS-601 VPN Client Software** to make an IPsec VPN Tunnel connection to a DFL-700. Below is the example network that this document is based on.



- 1) Log into the DFL-700 using its IP address (https://192.168.1.1 in this example) and then enter the username and password.



- 2) Click on **Firewall**→ **VPN**. Click on **Add New**.



- 3) Enter the following details. Enter the name as 'Roaming_User'. Type in the Pre-shared key under **PSK** and confirm it. Set the **Tunnel Type** to 'Roaming Users'. Click on **Apply** and then **Activate Changes**.

VPN Tunnels

Add VPN tunnel :

Name:

Local Net:

Authentication:

☒ **PSK - Pre-Shared Key**

PSK:

Retype PSK:

☐ **Certificate-based**

Local Identity:

Certificates:

Use ctrl/shift click to select multiple certificates.
To use ID lists below, you must select a CA certificate.

Identity List:

Tunnel type:

☒ **Roaming Users** - single-host VPN clients

IKE XAuth: ☐ Require user authentication via IKE XAuth to open tunnel.

☐ **LAN-to-LAN tunnel**

Remote Net:

Remote Gateway:

The gateway can be a numerical IP address, DNS name, or range of IP addresses for roaming / NATed gateways.

Proxy ARP: ☒ Publish remote network on all interfaces via Proxy ARP.

IKE XAuth client: ☒ Pass username and password to peer via IKE XAuth, if the remote gateway requires it.

XAuth Username:

XAuth Password:

- 4) Run the DS-601 Program. The DS-601 already has a default profile for the DFL-700. Click on **Configuration→ Profile Settings**.

D-Link VPN Client

Connection Configuration Log Window Help

Profile :

Outside Line :

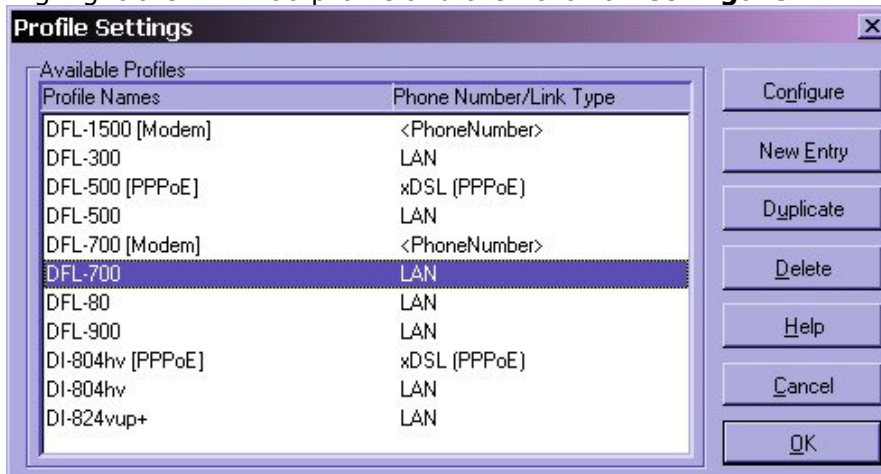
Client **Server**

D-Link

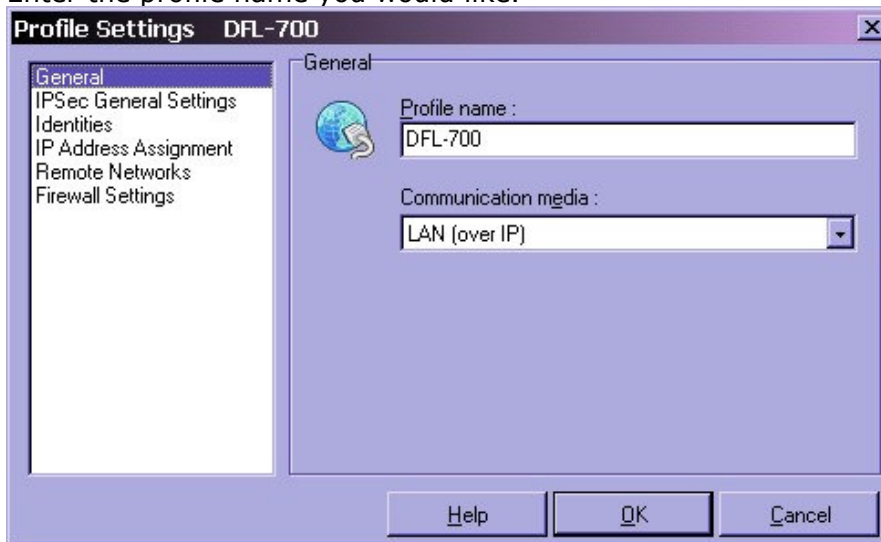
Statistics:

Time online:	00:00:00	Timeout (sec):	0
Data (Tx) in Byte:	0	Direction:	out
Data (Rx) in Byte:	0	Link Type:	LAN / WLAN
Speed (KByte/s):	0,000	Encryption:	

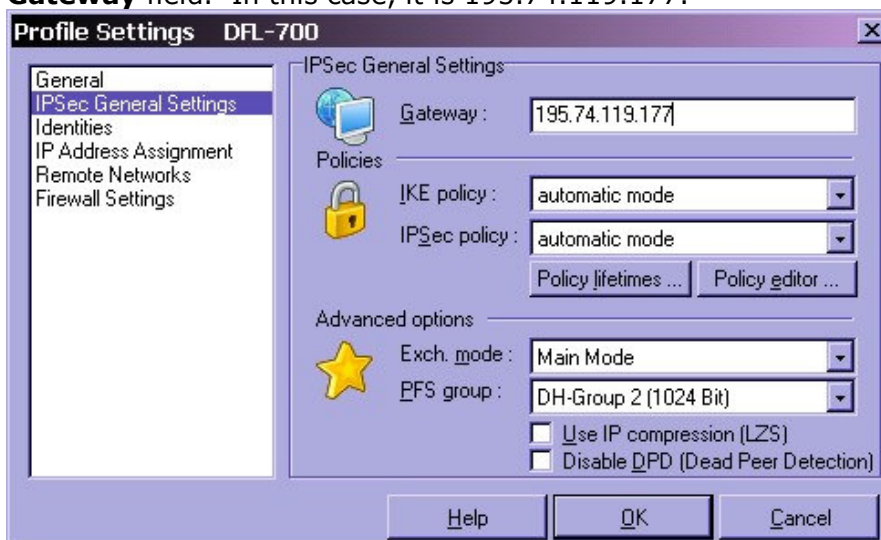
- 5) Highlight the DFL-700 profile and then click on **Configure**.



- 6) Enter the profile name you would like.



- 7) Click on **IPSec General Settings**. Type in the WAN IP address of the DFL-700 in the **Gateway** field. In this case, it is 195.74.119.177.



- 8) Click on **Identities**. The Local Identity entries can be left as default. Type in the **Pre-shared** key in the Shared secret box and confirm it.

The screenshot shows the 'Profile Settings DFL-700' window with the 'Identities' tab selected. The left sidebar lists 'General', 'IPSec General Settings', 'Identities', 'IP Address Assignment', 'Remote Networks', and 'Firewall Settings'. The main area is titled 'Identities' and contains the following fields:

- Local identity**: Type (dropdown menu set to 'IP Address'), ID (text box).
- Pre-shared key**: Shared secret (text box with asterisks), Confirm secret (text box with asterisks).
- ☐ Use extended authentication (XAUTH): Username (text box with '<MyXAUTH-Username>'), Password (text box with asterisks).

Buttons at the bottom: Help, OK, Cancel.

- 9) The **IP Address Assignment** entries can be left as default. You can enter the DNS/WINS servers options if needed.

The screenshot shows the 'Profile Settings DFL-700' window with the 'IP Address Assignment' tab selected. The left sidebar lists 'General', 'IPSec General Settings', 'Identities', 'IP Address Assignment', 'Remote Networks', and 'Firewall Settings'. The main area is titled 'IP Address Assignment' and contains the following fields:

- IP Address Assignment**: Use IKE Config Mode (radio button), Use local IP address (radio button, selected), Manual IP address (radio button).
- Manual IP address**: IP address (text box with '0.0.0.0'), Subnet mask (text box with '255.255.255.0').
- ☐ DNS / WINS servers: DNS server (text box with '0.0.0.0'), WINS server (text box with '0.0.0.0').

Buttons at the bottom: Help, OK, Cancel.

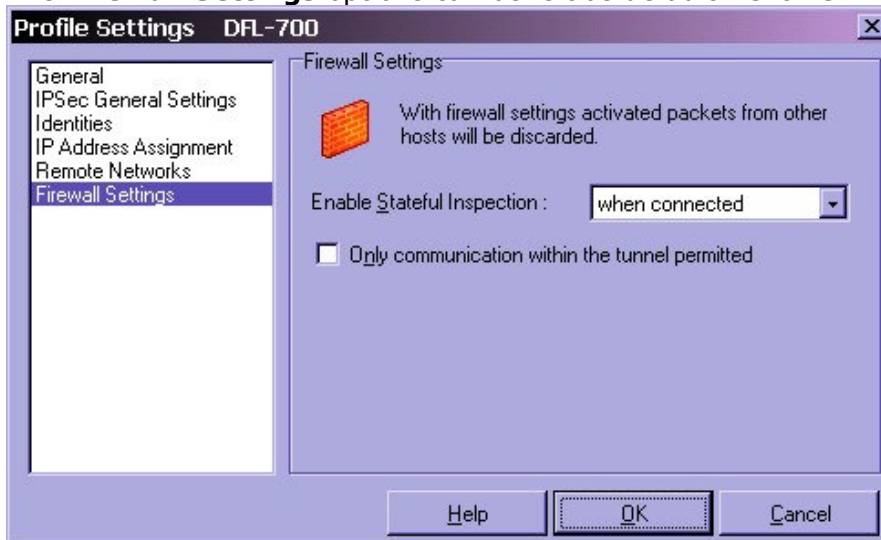
- 10) Click on **Remote Networks**. Enter the LAN network address and the Subnet mask.

The screenshot shows the 'Profile Settings DFL-700' window with the 'Remote Networks' tab selected. The left sidebar lists 'General', 'IPSec General Settings', 'Identities', 'IP Address Assignment', 'Remote Networks', and 'Firewall Settings'. The main area is titled 'Remote Networks' and contains the following fields:

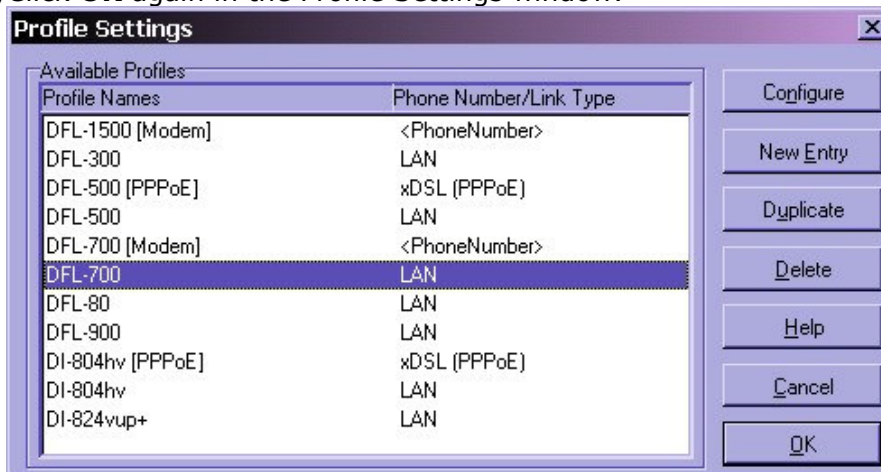
- Remote Networks**: Enter the IP networks the tunnel should be used for. Without entries tunneling will always be used.
- Network addresses**: Text boxes for 192.168.1.0, 0.0.0.0, 0.0.0.0, 0.0.0.0, 0.0.0.0.
- Subnet masks**: Text boxes for 255.255.255.0, 0.0.0.0, 0.0.0.0, 0.0.0.0, 0.0.0.0.
- ☐ Apply tunneling security for local networks.

Buttons at the bottom: Help, OK, Cancel.

11) The **Firewall Settings** options can be left as default. Click **OK** when finished.



12) Click **OK** again in the Profile Settings window.



13) Back in the DS-601 VPN Client Main Screen, select the DFL-700 profile and click on **Connect**. It should then establish the connection and allow you to communicate with the LAN network behind the DFL-700.

