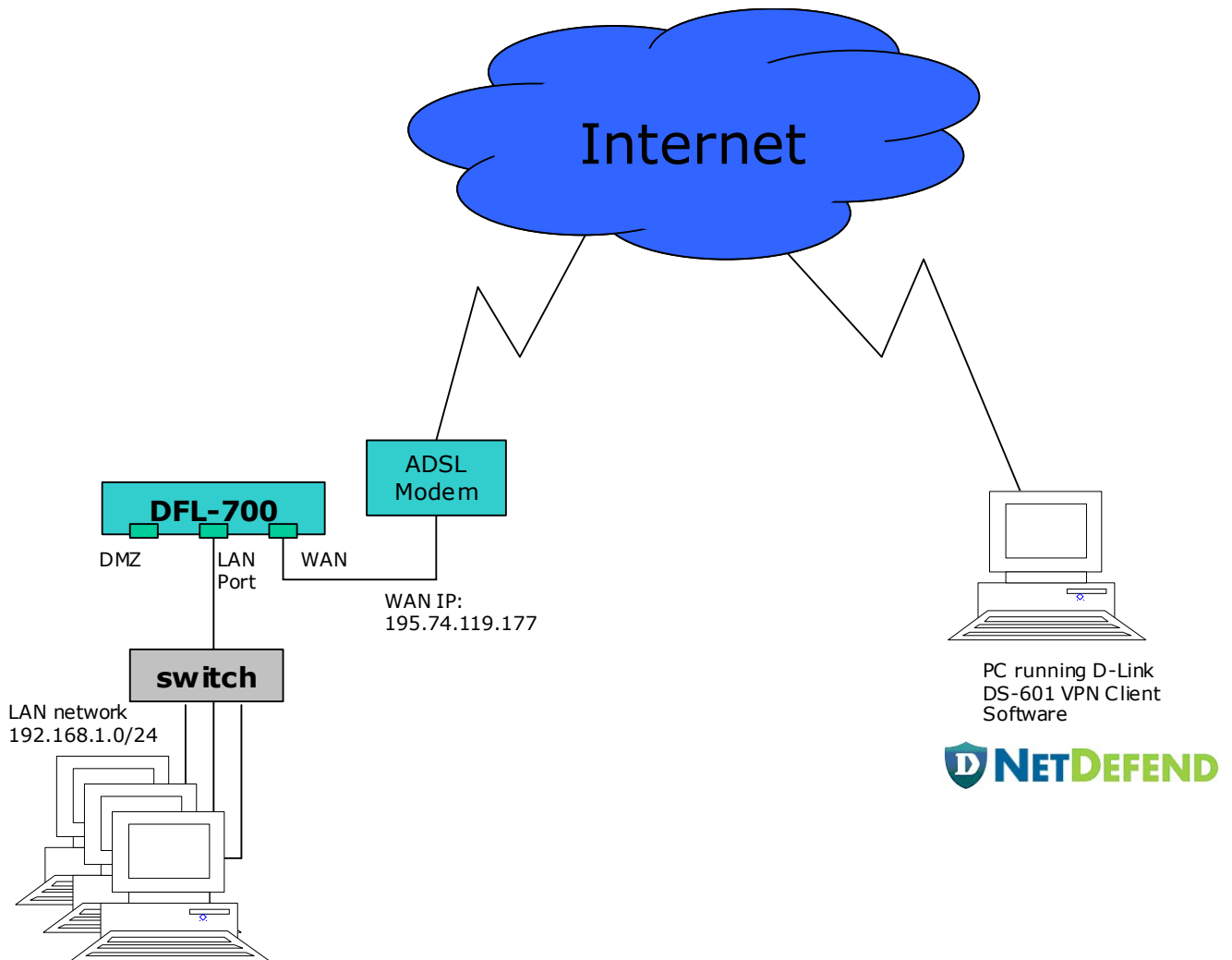# DFL-700 with DS-601 VPN Client Configuration Guide

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.

Internet

DFL-700

DMZ

LAN Port

WAN

ADSL Modem

WAN IP: 195.74.119.177

switch

LAN network 192.168.1.0/24

PC running D-Link DS-601 VPN Client Software

D NET**D**EFEND

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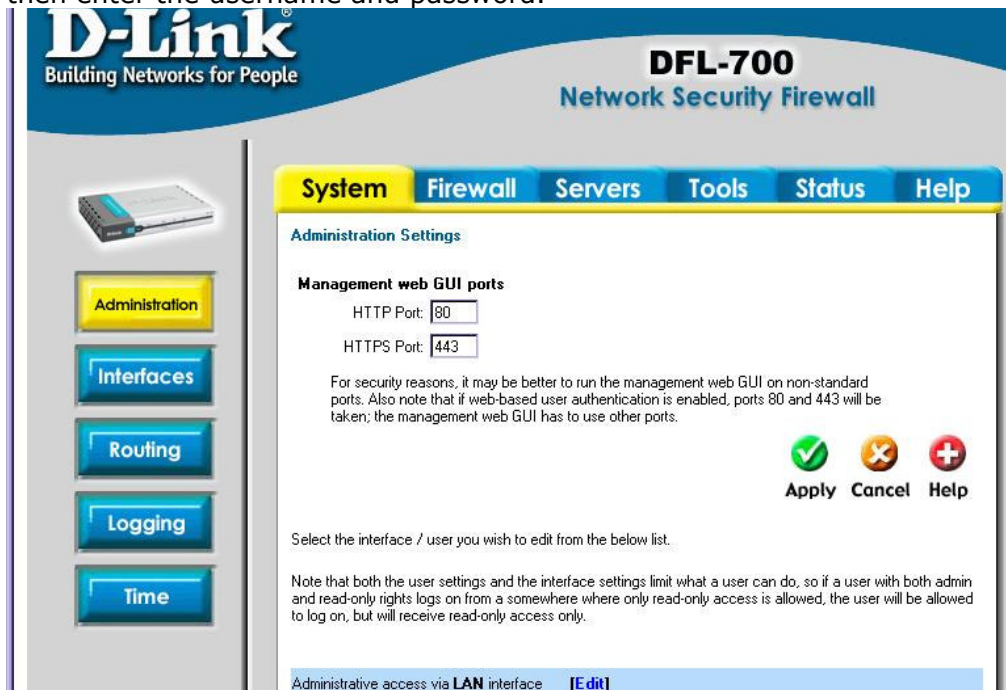
2) Click on **Firewall**→ **VPN**. Click on **Add New**.
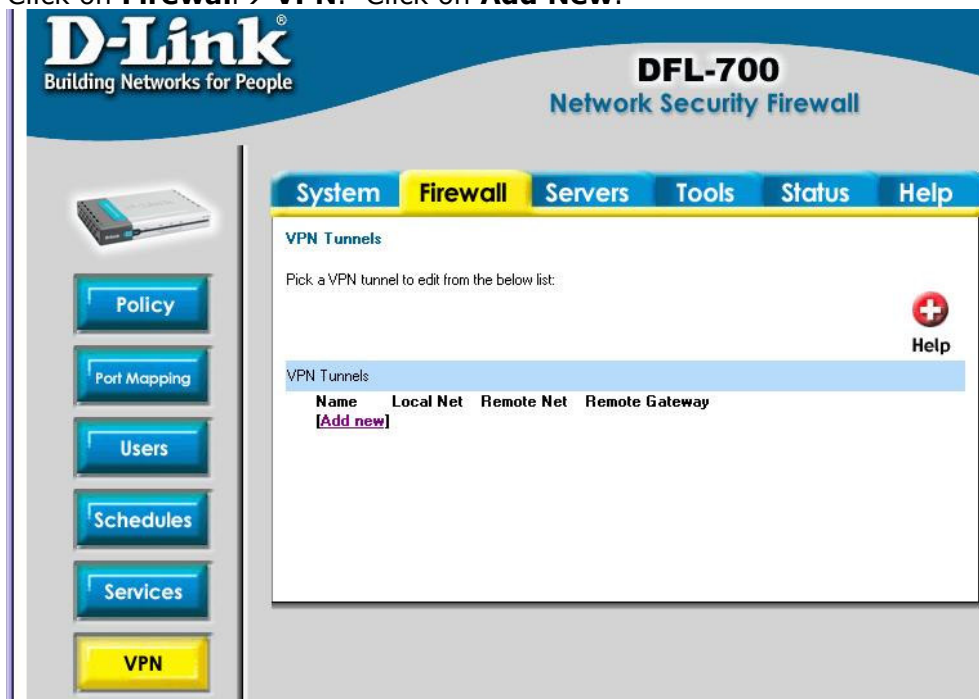
3) Enter the following details. Enter the name as 'Roaming_User'. Type in the Pre-shared key under **PSK** and confirm it. Set the **Tunnel Type** to 'Roaming Users'. Click on **Apply** and then **Activate Changes**.

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

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

Profile Settings

Available Profiles

Profile Names	Phone Number/Link Type
DFL-1500 [Modem]	<PhoneNumber>
DFL-300	LAN
DFL-500 [PPPoE]	xDSL (PPPoE)
DFL-500	LAN
DFL-700 [Modem]	<PhoneNumber>
DFL-700	LAN
DFL-80	LAN
DFL-900	LAN
DI-804hv [PPPoE]	xDSL (PPPoE)
DI-804hv	LAN
DI-824vup+	LAN

Configure
New Entry
Duplicate
Delete
Help
Cancel
OK
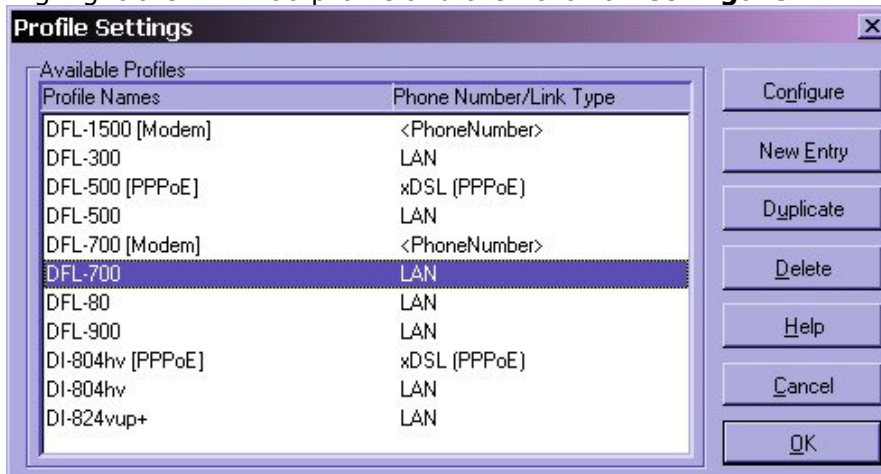
6) Enter the profile name you would like.

Profile Settings   DFL-700

General
IPSec General Settings
Identities
IP Address Assignment
Remote Networks
Firewall Settings

General

Profile name :
DFL-700

Communication media :
LAN (over IP)

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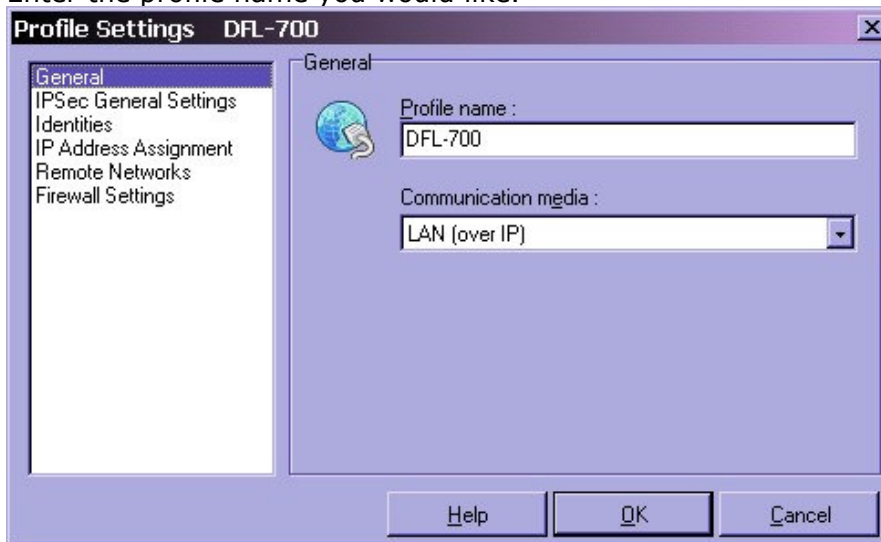
7) Click on **IPSec General Settings**. Type in the WAN IP address of the DFL-700 in the **Gateway** field. In this case, it is 195.74.119.177.

Profile Settings   DFL-700

General
IPSec General Settings
Identities
IP Address Assignment
Remote Networks
Firewall Settings

IPSec General Settings

Gateway :   195.74.119.177

Policies

IKE policy :   automatic mode
IPSec policy :   automatic mode

Policy lifetimes ...   Policy editor ...

Advanced options

Exch. mode :   Main Mode
PFS group :   DH-Group 2 (1024 Bit)

☐ Use IP compression (LZS)
☐ Disable DPD (Dead Peer Detection)

Help   OK   Cancel

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.

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

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

11) The **Firewall Settings** options can be left as default. Click **OK** when finished.
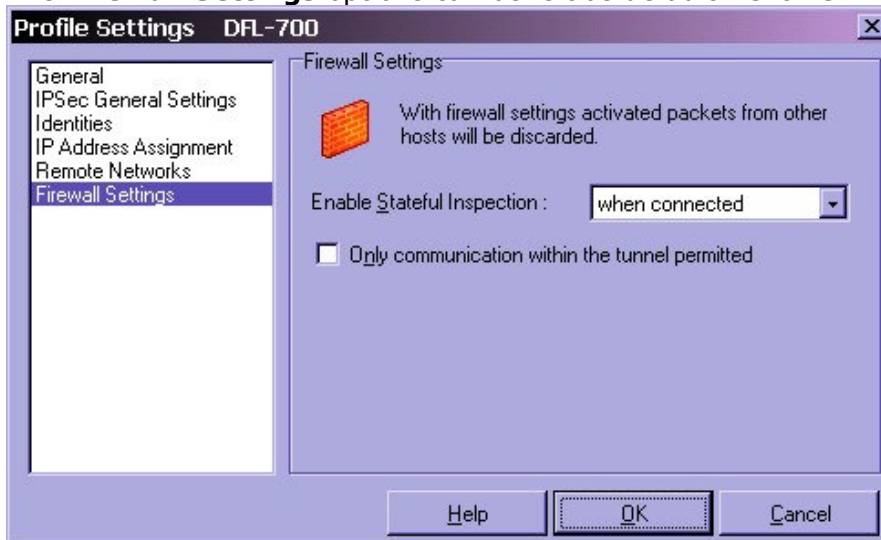
12) Click **OK** again in the Profile Settings window.
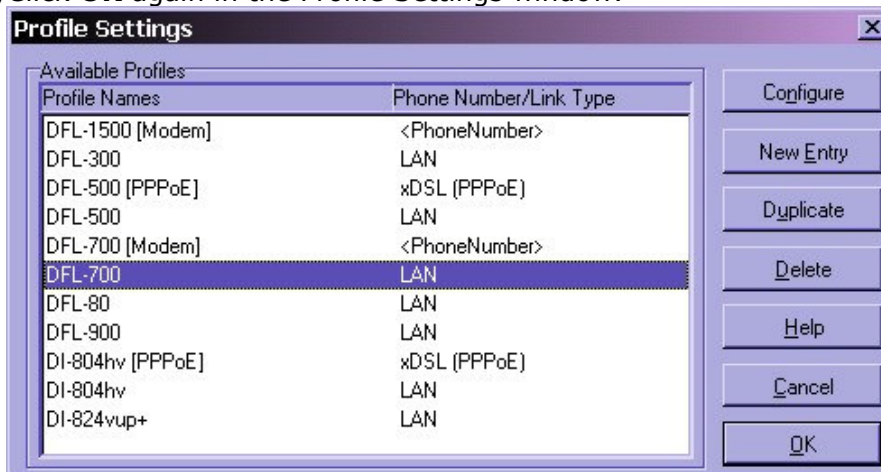
13) Back in the DS-601 VPN Client Main Screen, select the DFL-700 profile and click on **Connect**. It should then establish the connection and allow you to communicate with the LAN network behind the DFL-700.