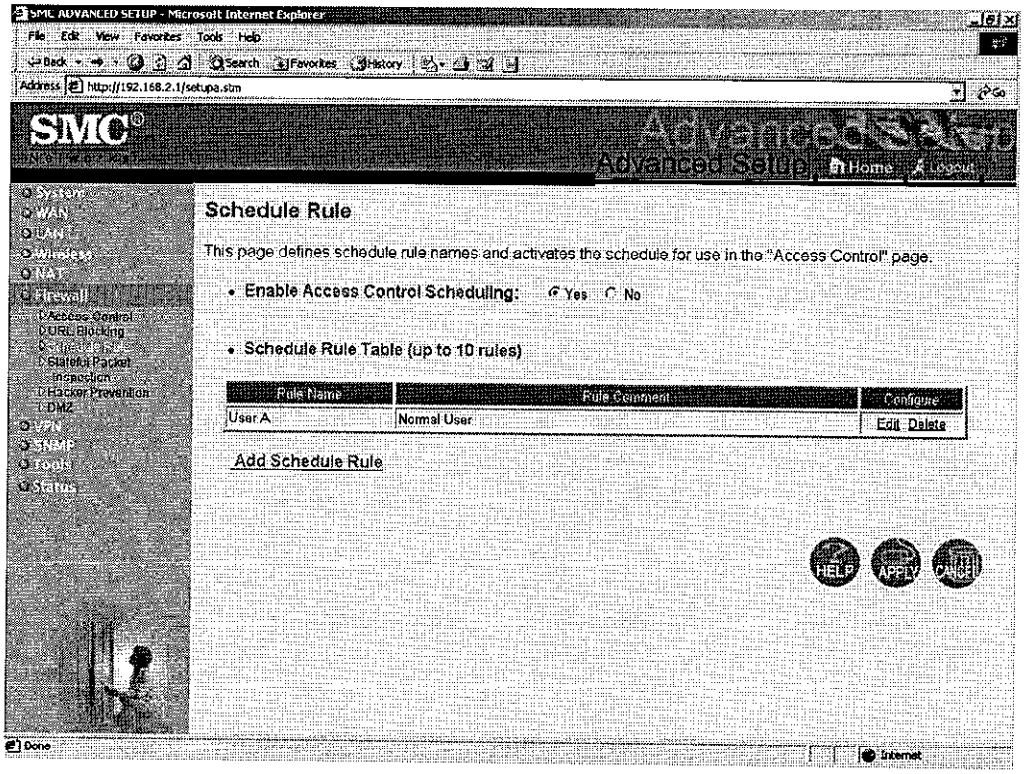
Schedule Rule

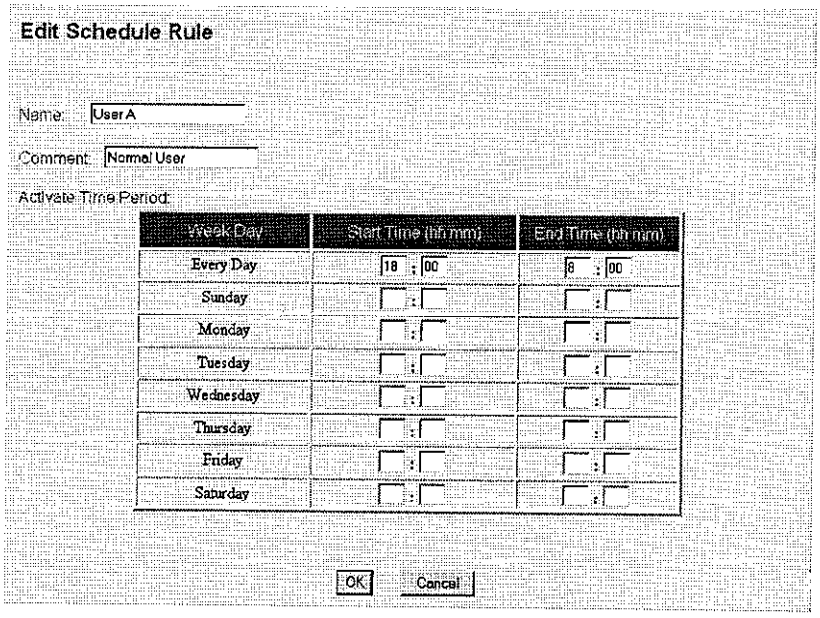


You can filter Internet access for local clients based on the "Rule Name," and time of day.

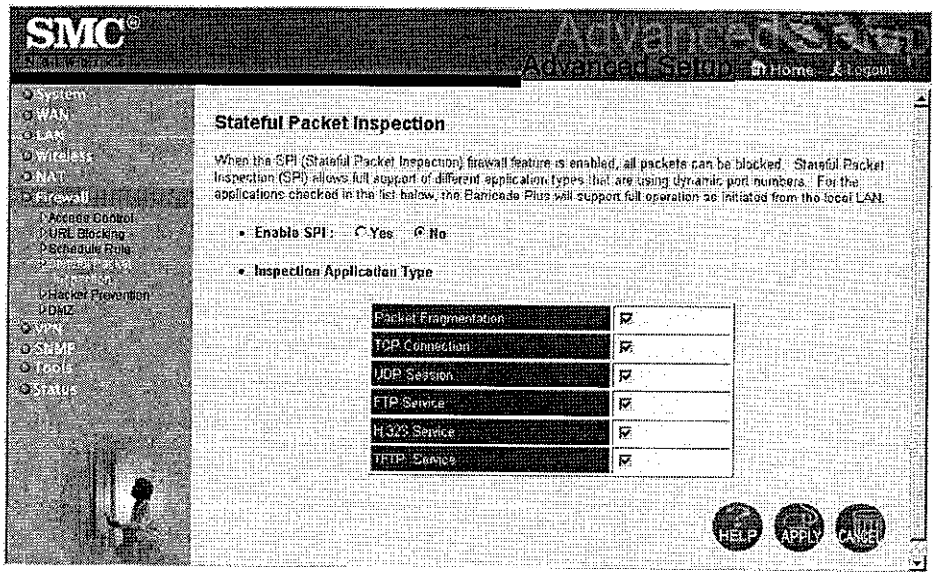
1. Click on "Add Schedule Rule"

2. Define the appropriate settings for a schedule rule (as shown in the following screen).

3. Click "OK" and then the "APPLY" button to save your settings. (as shown on previous page)



Stateful Packet Inspection



The Stateful Packet Inspection (SPI) feature of the Barricade Plus limits the access of the incoming traffic from the WAN port. When the SPI feature is turned on, all the incoming packets will be blocked unless certain types of traffic types are checked by the users. When the user checks certain types of traffic, only the particular type of traffic initiated from the Internal LAN will be allowed. For example, if the user only checks "FTP service" from the Stateful Packet Inspection page, all the incoming traffic will be blocked except the FTP connection initiated from the local LAN.

This option allows you to select different application types that are using dynamic port numbers. If you need to use the Stateful Packet Inspection (SPI) for blocking packets, click on the "Yes" radio button in the "SPI Enable" field and then check the "Inspection Application Type" that you need, such as Packet Fragmentation, TCP Connection, UDP Session, FTP Service, H.323 Service and TFTP Service.

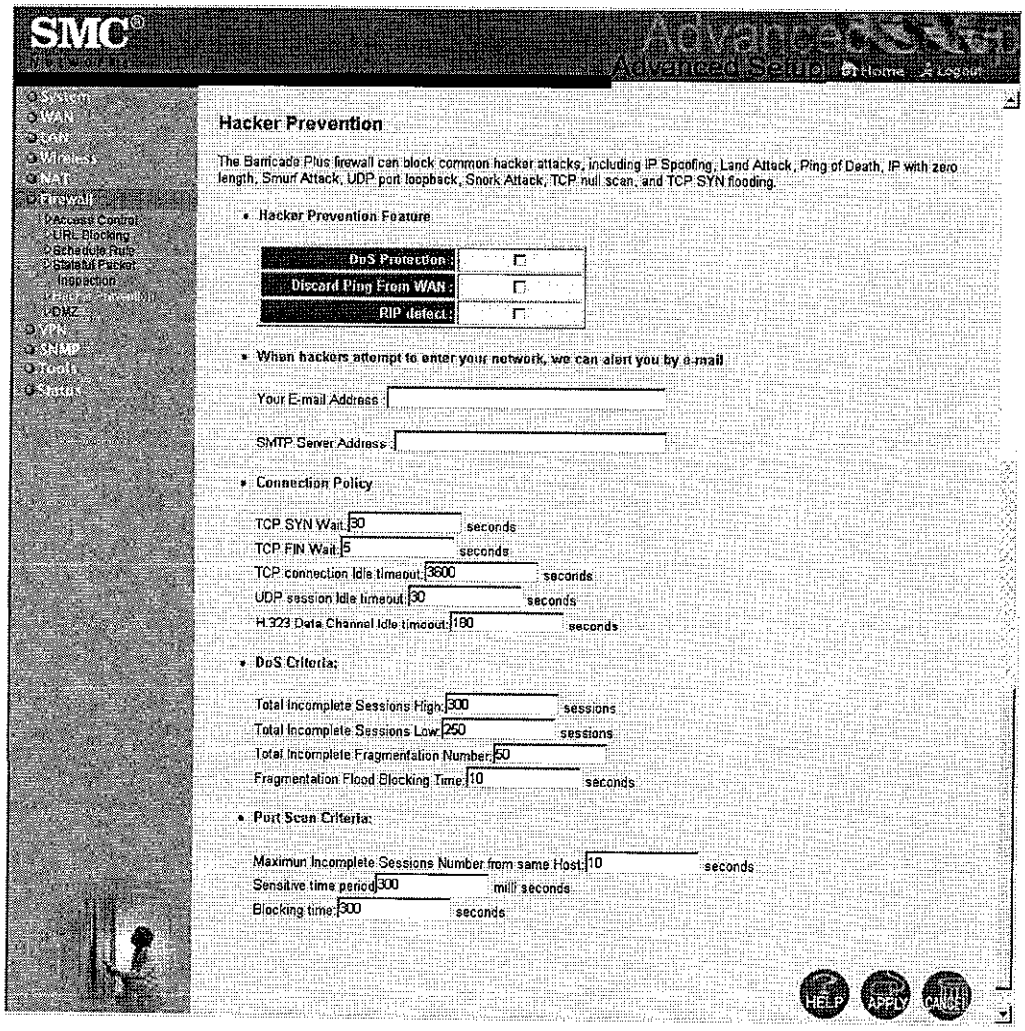
Hacker Prevention

The Barricade Plus' firewall inspects packets at the application layer. It maintains TCP and UDP session information, including timeouts and number of active sessions, and provides the ability to detect and prevent certain types of network attacks such as DoS attacks.

Network attacks that deny access to a network device are called denial-of-service (DoS) attacks. Denials of Service (DoS) attacks are aimed at devices and networks with a connection to the Internet. Their goal is not to steal information, but to disable a device or network so users no longer have access to network resource.

By using the above inspected information and timeout/threshold critieria, the Barricade Plus provides the following DoS attack preventions: Ping of Death (Ping flood) attack, SYN flood attack, IP fragment attack (Teardrop Attack), Brute-force attack, Land Attack, IP Spoofing attack, IP with zero length, TCP null scan (Port Scan Attack), UDP port loopback, Snork Attack etc..

The firewall does not significantly affect system performance, so we advise enabling the prevention features to protect your network users.



- *Hacker Prevention Feature*

  Check the prevention items as required

- *When hackers attempt to enter your network, we can alert you by e-mail*

  Enter your E-mail address for alerting hacker access

  Specify your E-mail server.

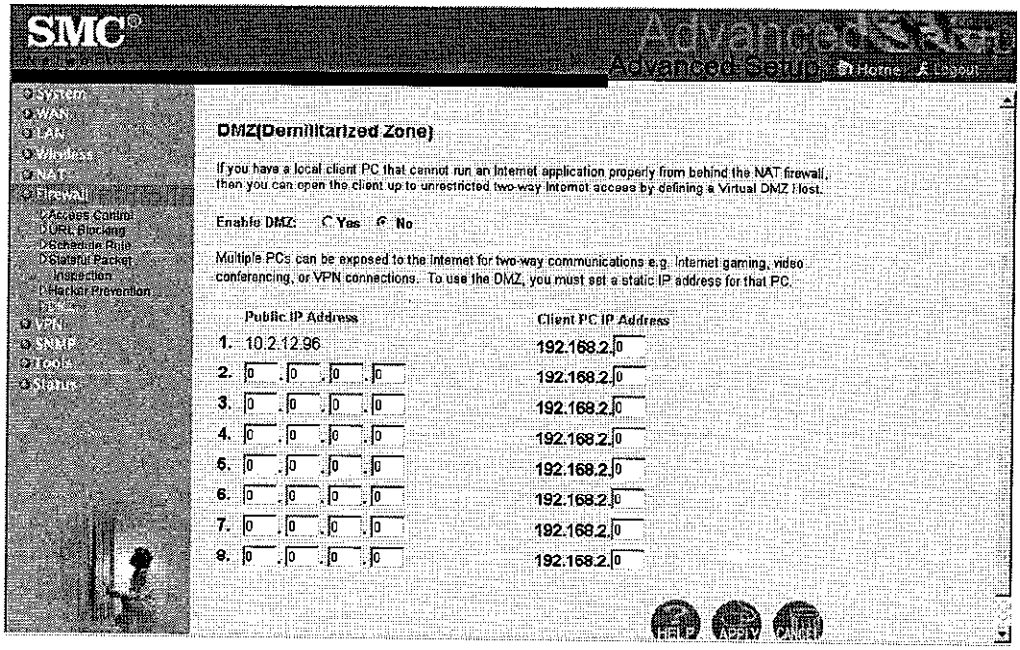
- *Connection Policy*

  Enter the appropriate values for TCP/UDP sessions

- *DoS Criteria* and *Port Scan Criteria*

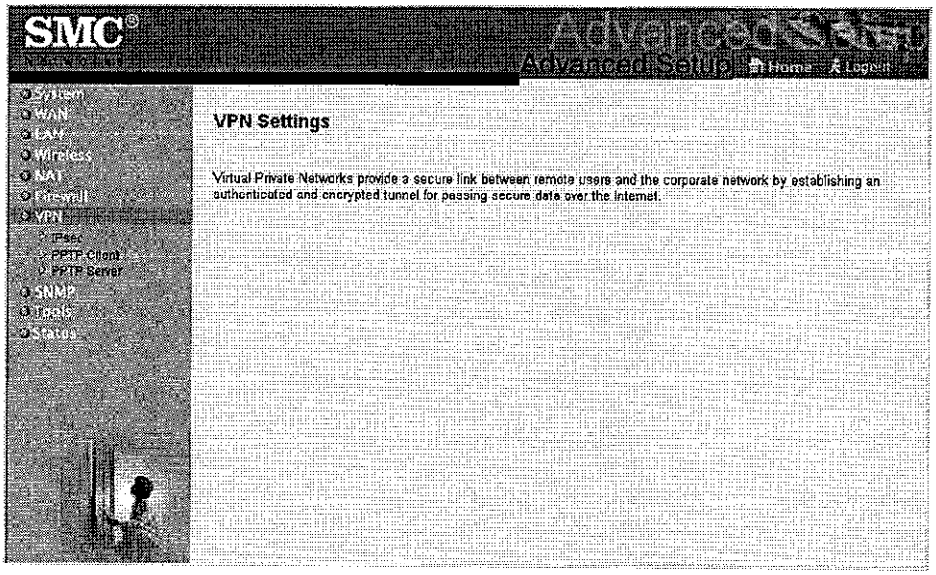
  Setup DoS and port scan criteria in the spaces provided.

DMZ (Demilitarized Zone)



If you have a client PC that cannot run an Internet application properly from behind the firewall, then you can open the client up to unrestricted two-way Internet access. Enter the IP address of a DMZ host to this screen. Adding a client to the DMZ (Demilitarized Zone) may expose your local network to a variety of security risks, so only use this option as a last resort.

Virtual Private Networks (VPN) Tunnel

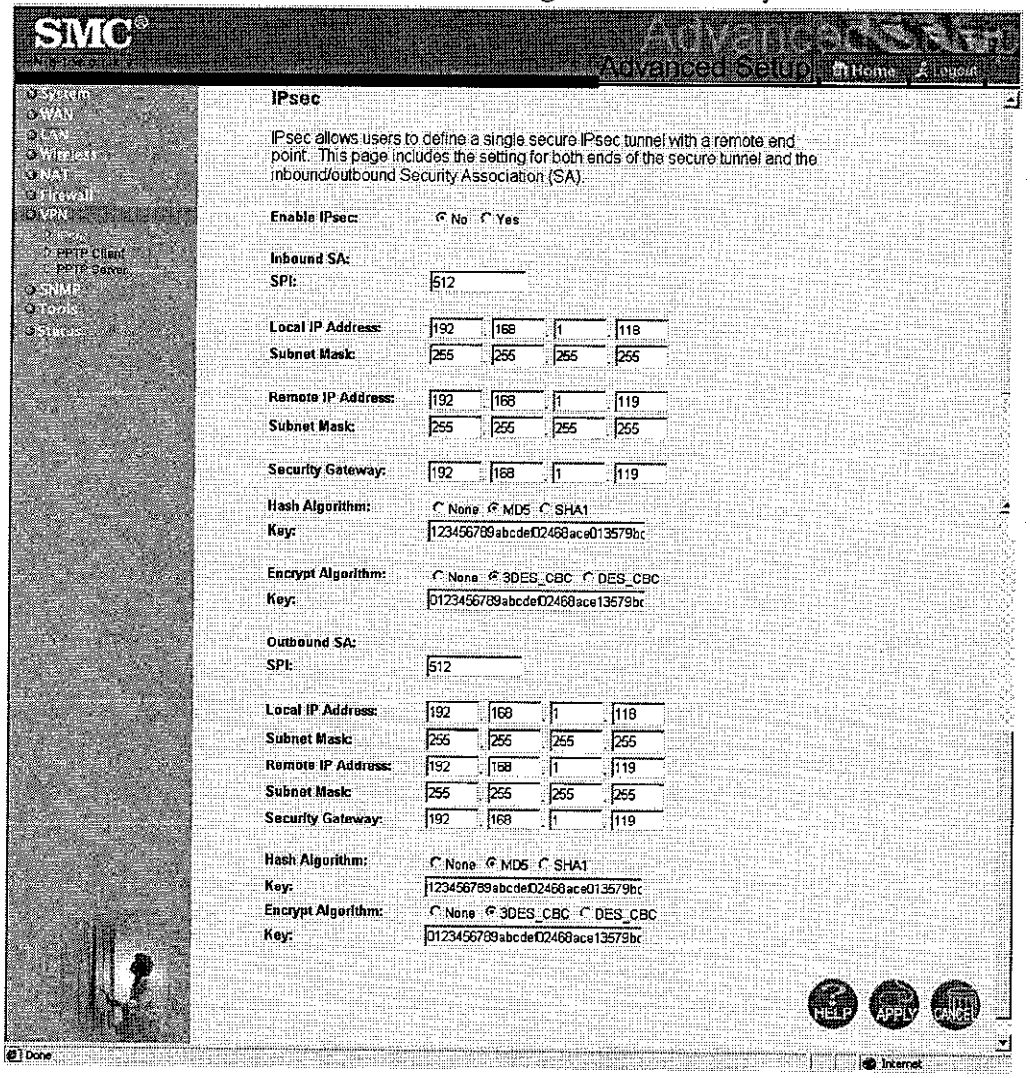


VPN provides a flexible and secure network to the authenticated users through IPsec (IP Security) and PPTP (Point-to-Point Tunneling Protocol) sessions.

IPsec

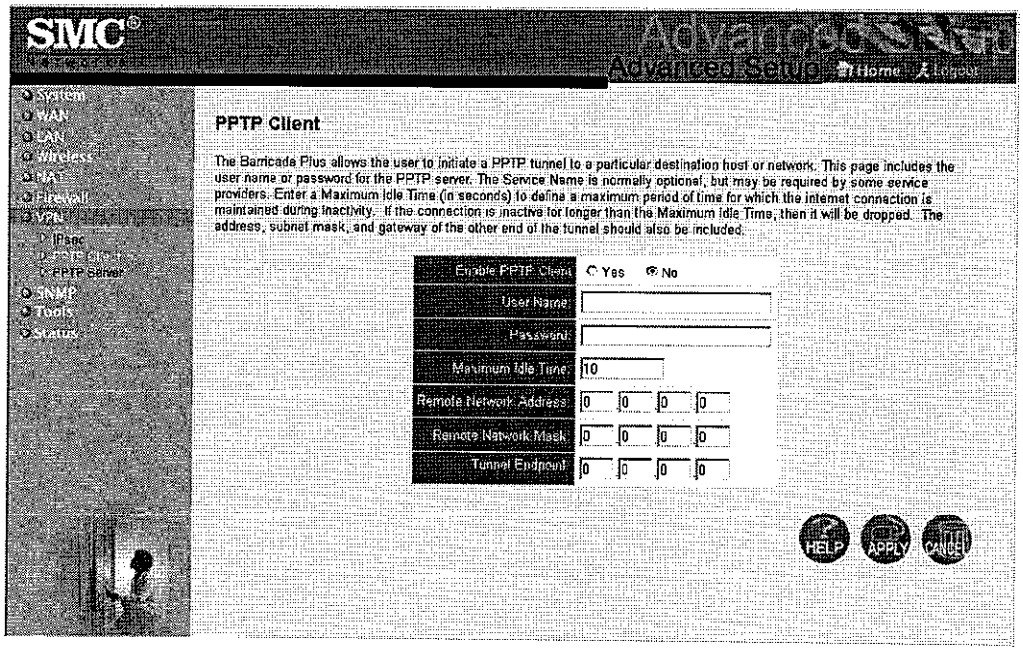
IPsec is a set of protocols that offers advanced security services in the extranet VPNs.

You have to define the authentication algorithms of the Security Association (SA) by entering appropriate values in the "Inbound SA" and "Outbound SA" fields for using IPsec security control.



PPTP Client

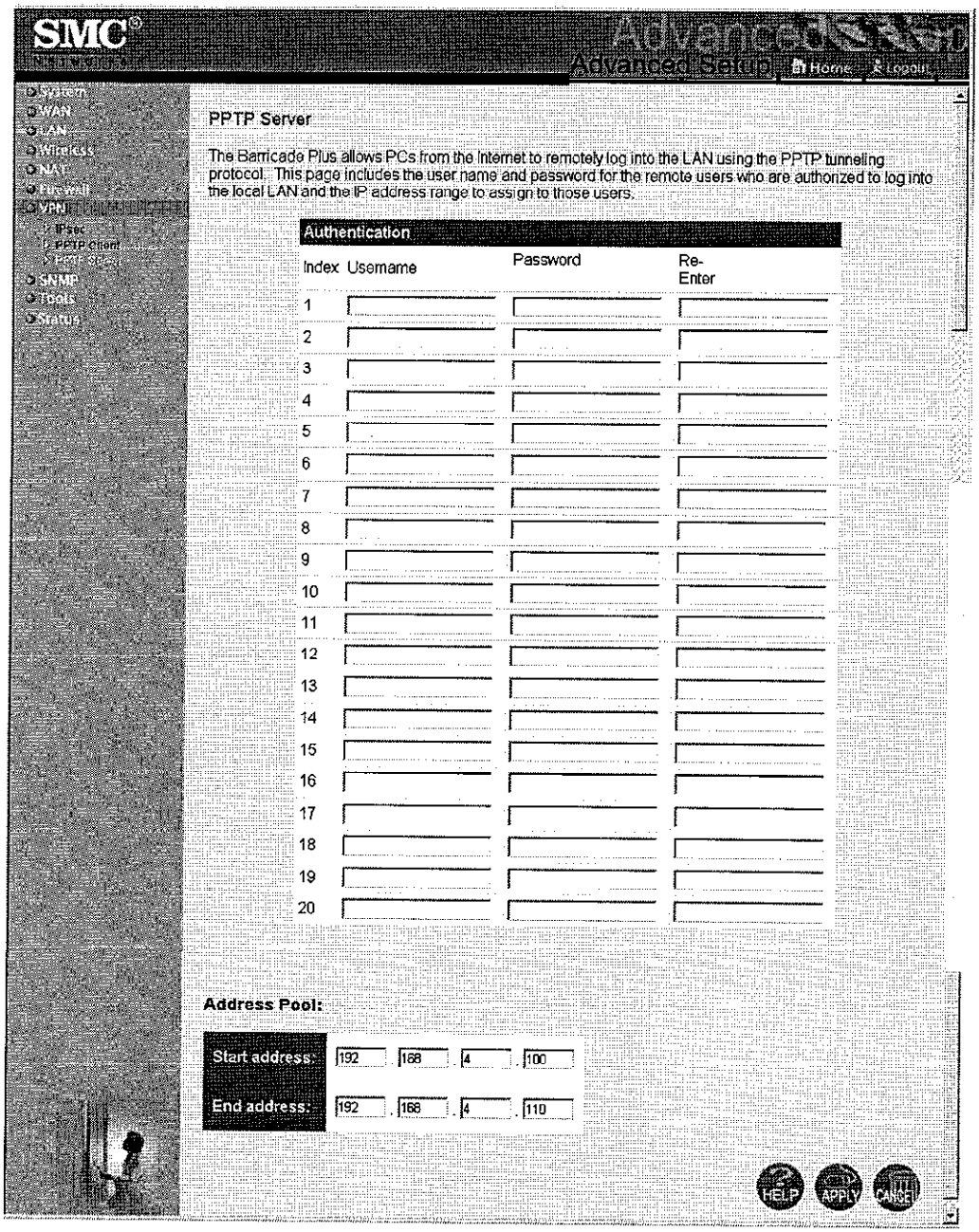
Point-to-Point Tunneling Protocol (PPTP) allows the secure remote access over the Internet by simply dialing in a local point provided by an ISP.



Using the above screen allows client PCs to establish a normal PPTP session and provides hassle-free configuration of the PPTP client on each client PC.

Provide the "Use PPTP Authentication" information to remotely log on the network.

PPTP Server



Use the above screen to authorize remote access for assigned IP addresses on the host server.