

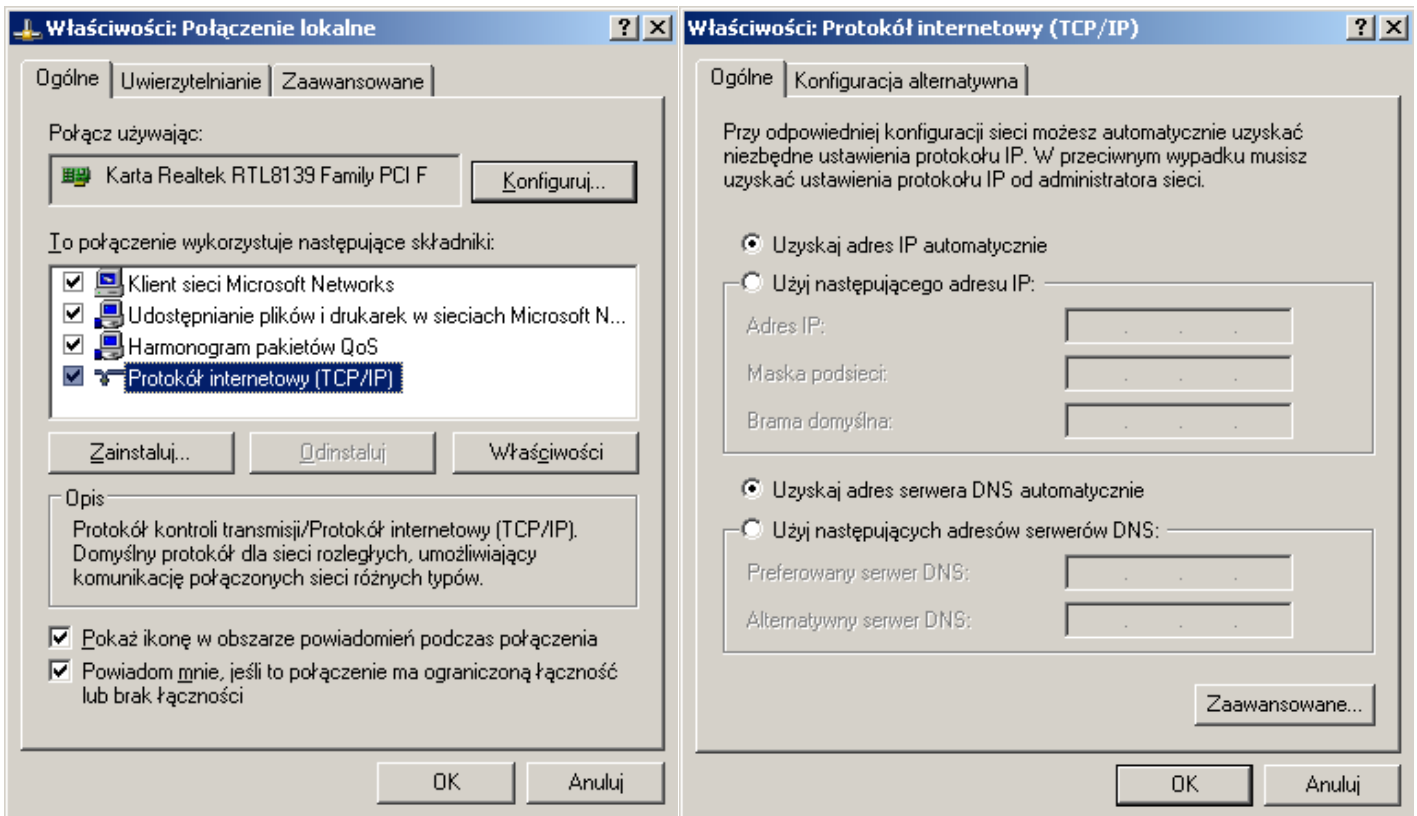


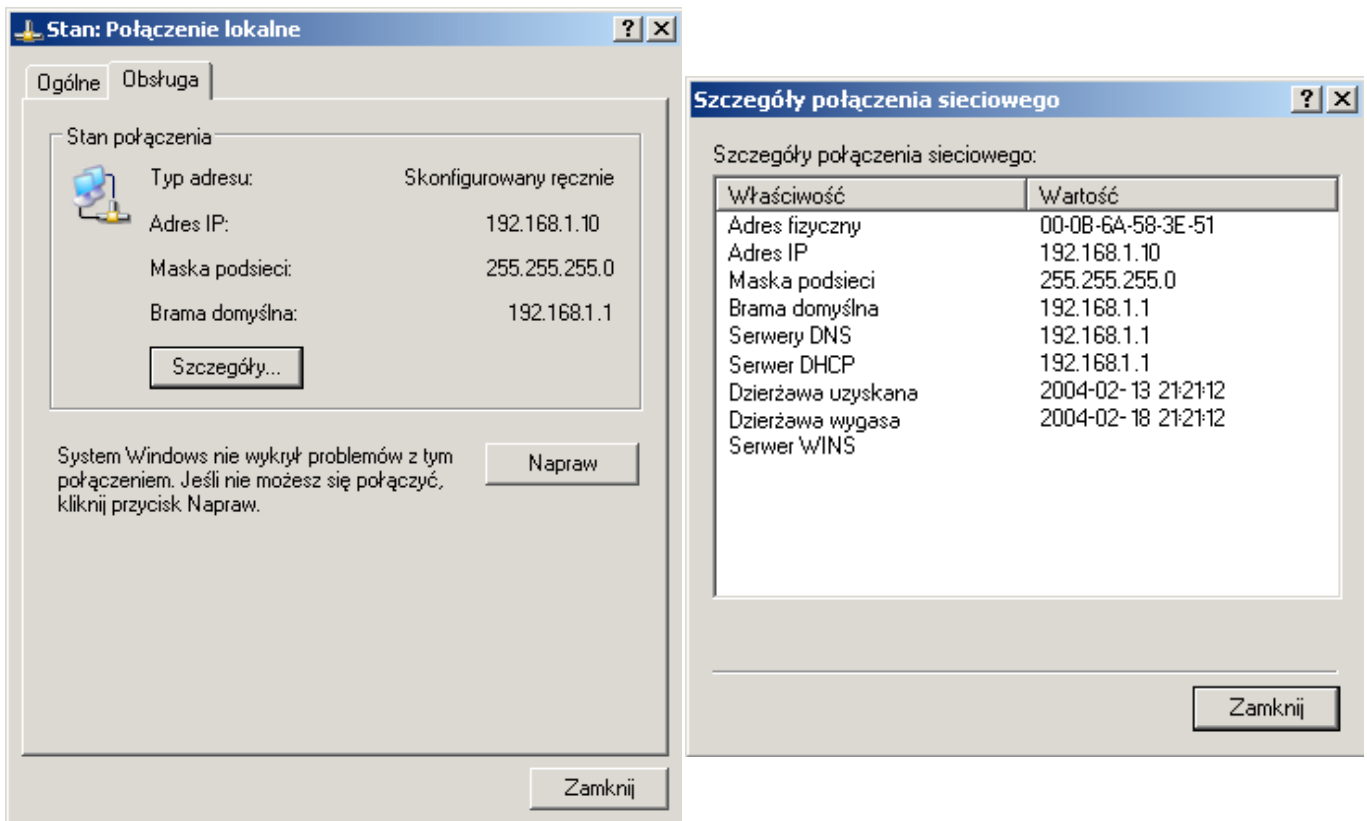
Konfiguracja routera SMC7401BRA V2 do usługi ETLINK oferowanej przez eTOP

Router SMC7401BRA V2 posiada wbudowany modem ADSL

1. Podłączamy router do linii telefonicznej oraz do zasilania.
2. Podłączamy dowolny komputer PC (koniecznie z zainstalowaną przeglądarką IE/Netscape/Firefox) lub Apple (koniecznie z zainstalowaną przeglądarką Safari/Firefox) do portu Ethernet zwyczajnym pachkordem.
3. Ustawiamy na tym komputerze adres ip 192.168.1.3, maska 255.255.255.0, brama 192.168.1.1, możemy też skorzystać z automatycznej konfiguracji.

Ustawienia dla systemu operacyjnego Microsoft Windows XP



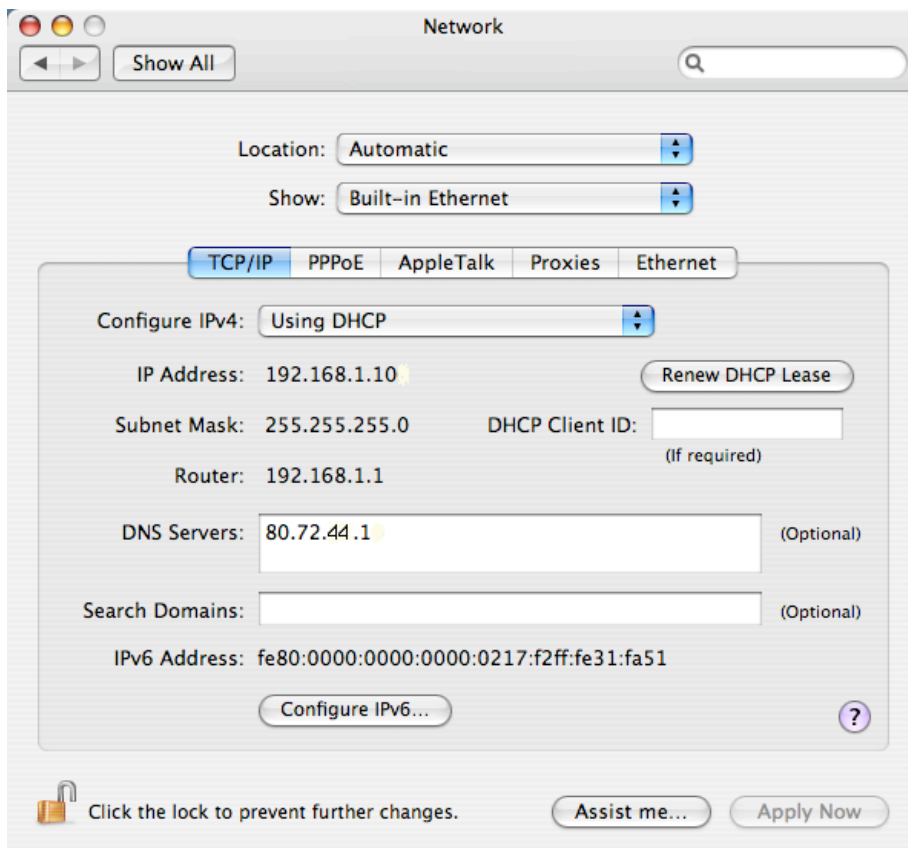
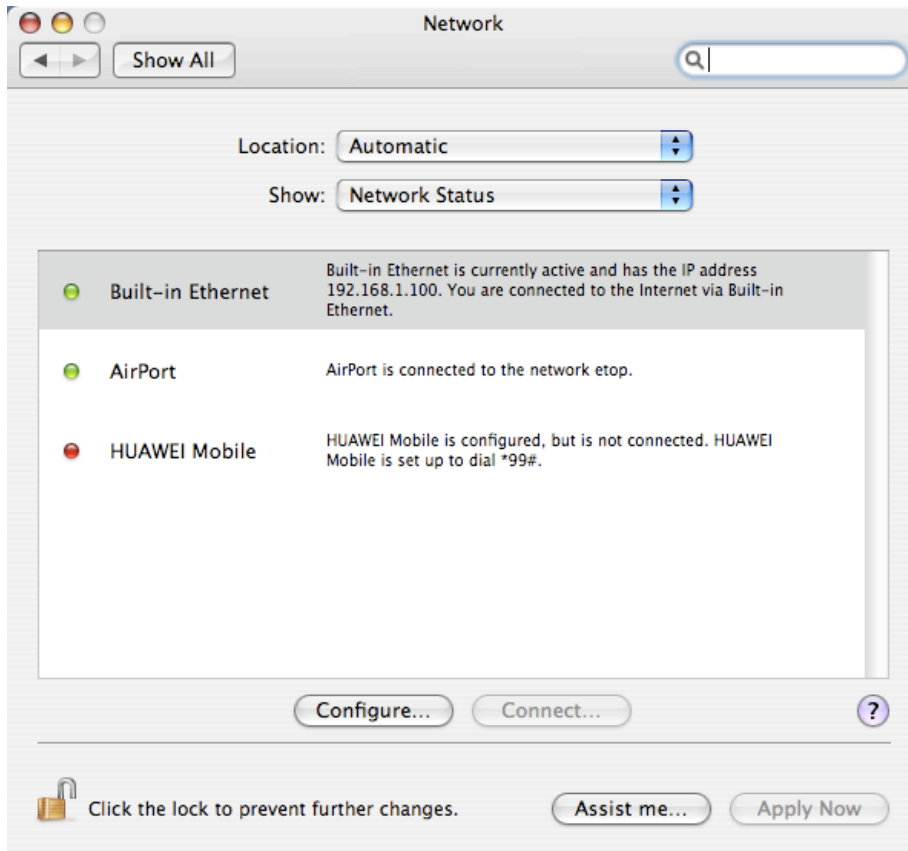


Ustawienia dla systemu operacyjnego Mac OS X Tiger



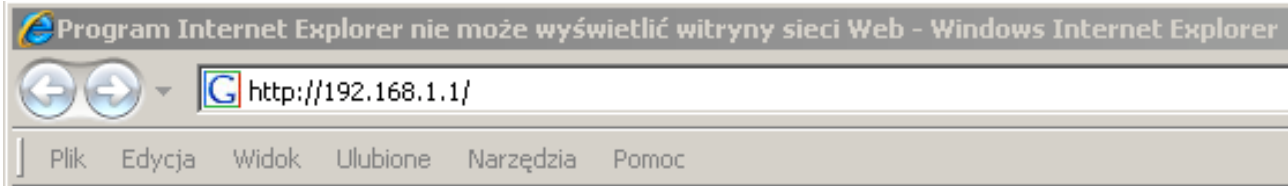


SMC ADSL Barricade Router 1xR45



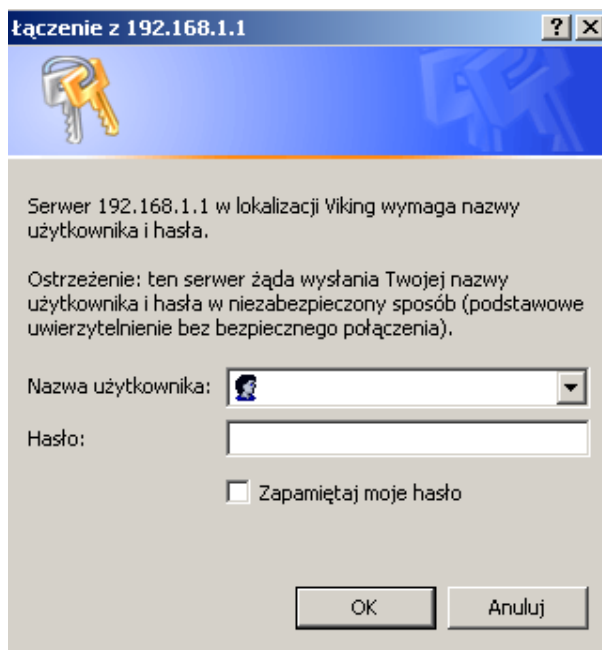


4. Na komputerze w przeglądarce internetowej wpisujemy <http://192.168.1.1>

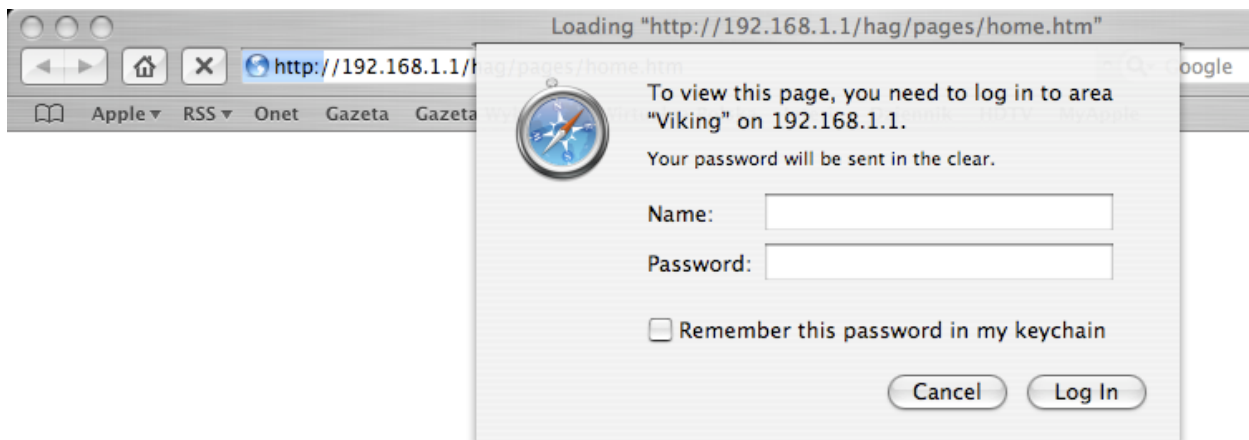


5. W okienku logowania wpisujemy: Nazwa użytkownika: **smc**, hasło: **smcadmin** i wciskamy OK

System Windows XP



System Mac OS X Tiger





6. Po zalogowaniu mamy dostęp do wszystkich funkcji routera

SMC Networks

Home | LAN | WAN | Bridging | Routing | Services | Admin

Home | System Mode | Quick Configuration

Model:	SMC7401BRAv2	Operational Status:	Startup Handshake		
H/W Version:	810020	Last State:	0x0		
S/W Version:	V1.05	DSL Version:	Y.1.46.1		
Serial Number:	123456789abcdx	Standard:	Multimode		
Mode:	Routing And Bridging	Up		Down	
Up Time:	0:3:26	Speed	Latency	Speed	Latency
Time:	Thu Jan 01 02:03:26 1970	0 Kbps	-	0 Kbps	-
Time Zone:	CET				
Daylight Saving Time:	ON				
Name:					
Domain Name:					

WAN Interfaces

Interface	Encapsulation	IP Address	Mask	Gateway	Lower Interface	VPI/VCI	Status
ppp-0	PPPoA	80.72.44.43	255.255.255.0	80.72.44.1	aal5-0	0/35	

LAN Interface

Interface	Mac Address	IP Address	Mask	Lower Interface	Speed	Duplex	Status
eth-0	00:85:A0:01:01:00	192.168.1.1	255.255.255.0	-	100BT	Full	
usb-0	-	192.168.1.2	255.255.255.0	-	-	-	

Services Summary

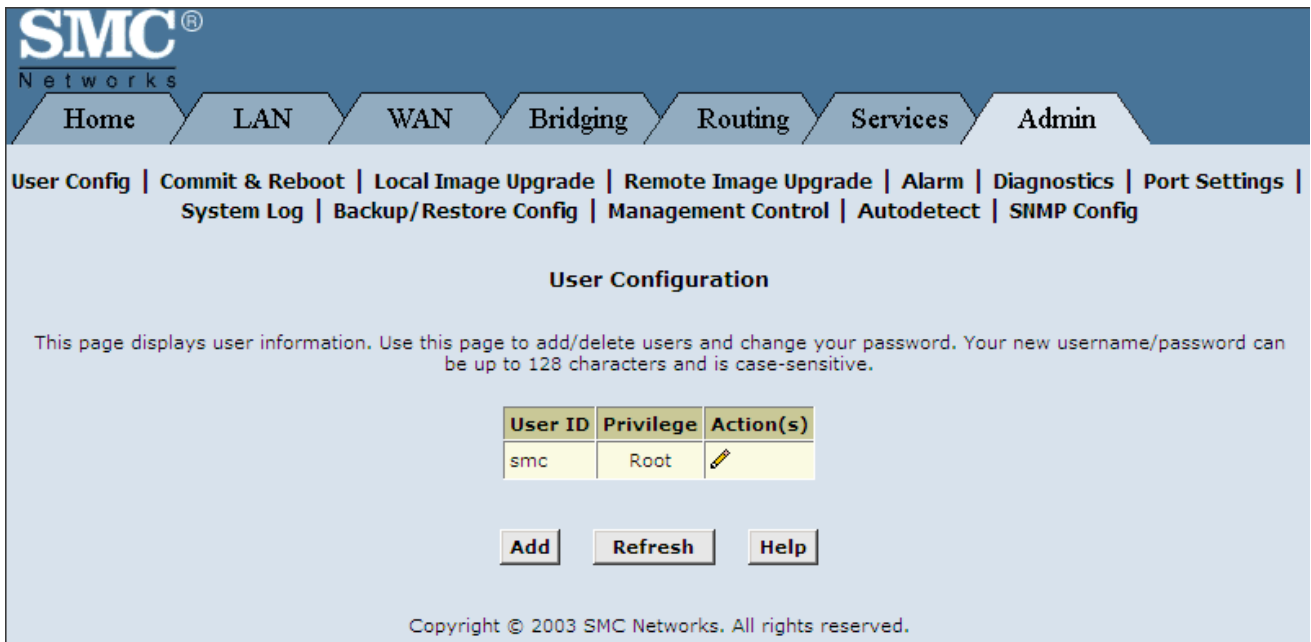
Interface	NAT	IP Filter	RIP	DHCP Relay	DHCP Client	DHCP Server	IGMP
eth-0	✓ inside	✓	✗	✗	✗	✓	✗
ppp-0	✓ outside	✓	✗	✗	✗	✗	✗
usb-0	✓ inside	✓	✗	✗	✗	✓	✗

Modify Refresh Help

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7. Ustawiamy nowe hasło **Admin** >> **User Config**




SMC[®]
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Home LAN WAN Bridging Routing Services Admin

User Config | Commit & Reboot | Local Image Upgrade | Remote Image Upgrade | Alarm | Diagnostics | Port Settings | System Log | Backup/Restore Config | Management Control | Autodetect | SNMP Config

User Configuration

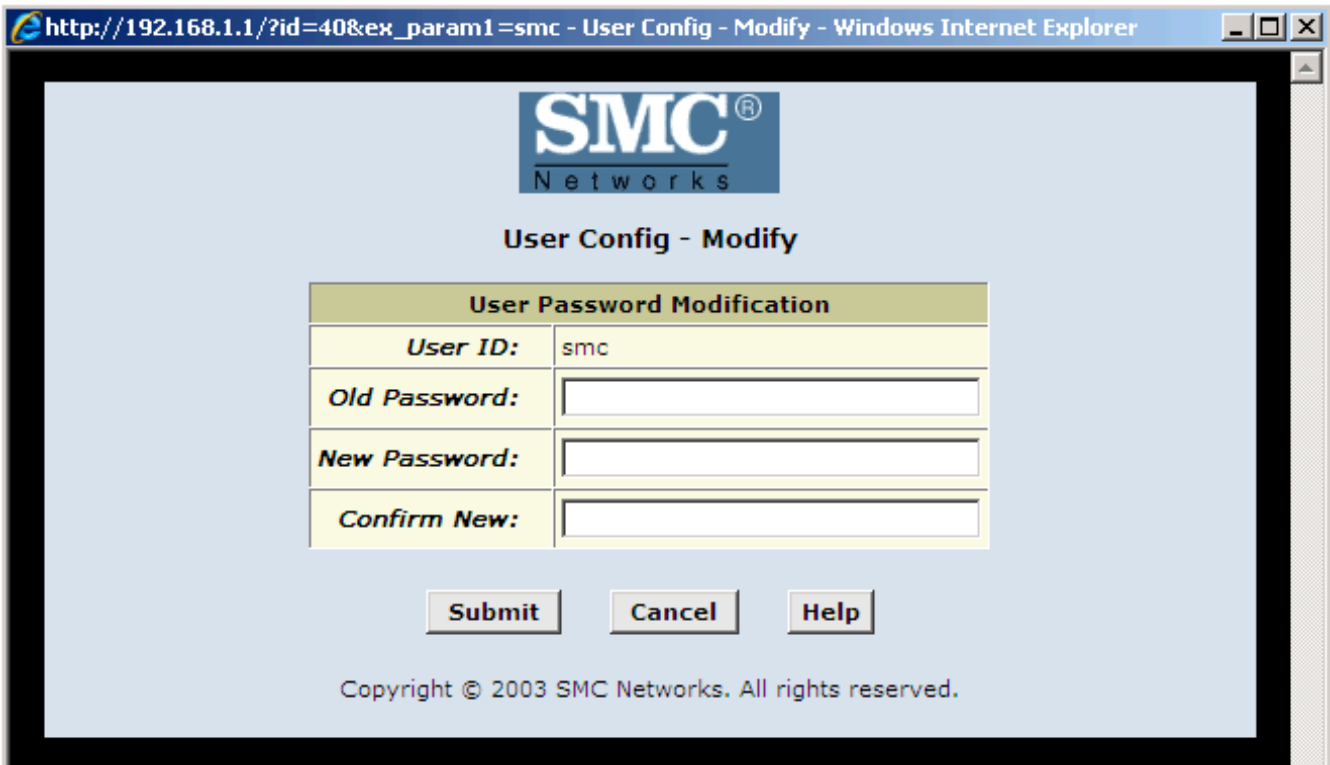
This page displays user information. Use this page to add/delete users and change your password. Your new username/password can be up to 128 characters and is case-sensitive.

User ID	Privilege	Action(s)
smc	Root	

Add Refresh Help

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8. Wciskamy ikonę ołówka w tabelce **Action(s)**, wprowadzamy nasze nowe hasło i wciskamy przycisk **Submit**



http://192.168.1.1/?id=40&ex_param1=smc - User Config - Modify - Windows Internet Explorer

SMC[®]
Networks

User Config - Modify

User Password Modification	
User ID:	smc
Old Password:	<input type="text"/>
New Password:	<input type="text"/>
Confirm New:	<input type="text"/>

Submit Cancel Help

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9. Konfigurujemy tryb pracy urządzenia : **Home >> System Mode** i wciskamy przycisk **Submit**

The screenshot shows the SMC Networks web interface. The top navigation bar includes Home, LAN, WAN, Bridging, Routing, Services, and Admin. The main content area is titled "System Mode" and contains a table for feature configuration.

Feature	Enabled	Disabled
Bridging:	<input checked="" type="radio"/>	<input type="radio"/>
WAN to WAN Bridging:	<input checked="" type="radio"/>	<input type="radio"/>
BRAS:	<input type="radio"/>	<input checked="" type="radio"/>
ZIPB:	<input type="radio"/>	<input checked="" type="radio"/>

Buttons: Submit, Cancel, Help

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10. Konfigurujemy interfejs LAN : **LAN >> LAN Config** i wciskamy przycisk **Submit**

The screenshot shows the SMC Networks web interface for LAN configuration. The top navigation bar includes Home, LAN, WAN, Bridging, Routing, Services, and Admin. The main content area is titled "LAN Configuration" and contains two tables for configuration settings.

LAN Configuration	
System Mode:	Routing And Bridging
Get LAN Address:	<input checked="" type="radio"/> Manual <input type="radio"/> External DHCP Server <input type="radio"/> Internal DHCP Server
Actual LAN IP Address:	192.168.1.1
Actual LAN Network Mask:	255.255.255.0
Conf. LAN IP Address:	192 168 1 1
Conf. LAN Network Mask:	255 255 255 0
Speed:	100BT
Duplex:	Full
IGMP:	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
MTU:	1500

USB Configuration	
USB IP Address:	192 168 1 2
USB Network Mask:	255 255 255 0
IGMP:	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
MTU:	1500

Buttons: Submit, Cancel, Refresh, Help

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11. Ustawiamy typ DHCP : **LAN** >> **DHCP Mode** i wciskamy przycisk **Submit**

The screenshot shows the SMC Networks web interface. The top navigation bar includes Home, LAN, WAN, Bridging, Routing, Services, and Admin. The current page is titled "LAN Config | DHCP Mode | DHCP Server | DHCP Relay". The main heading is "Dynamic Host Configuration Protocol (DHCP) Configuration". Below the heading is a paragraph explaining DHCP. A dropdown menu for "DHCP Mode" is set to "DHCP Server". At the bottom, there are buttons for "Submit", "Cancel", "Refresh", and "Help". The footer contains the copyright notice: "Copyright © 2003 SMC Networks. All rights reserved."

12. Ustawiamy DHCP : **LAN** >> **DHCP Server** i wciskamy przycisk **Submit**

The screenshot shows the SMC Networks web interface for DHCP Server Configuration. The top navigation bar is the same as in the previous screenshot. The current page is titled "LAN Config | DHCP Mode | DHCP Server | DHCP Relay". The main heading is "Dynamic Host Configuration Protocol (DHCP) Server Configuration". Below the heading is a paragraph explaining the page's purpose. A table lists the IP address pools available to computers on the LAN. The table has six columns: Start IP Address, End IP Address, Domain Name, Gateway Address, Status, and Action(s). There is one row of data. Below the table are buttons for "Add", "Address Table", "Refresh", and "Help". The footer contains the copyright notice: "Copyright © 2003 SMC Networks. All rights reserved."

Start IP Address	End IP Address	Domain Name	Gateway Address	Status	Action(s)
192.168.1.100	192.168.1.199		0.0.0.0	Enabled	



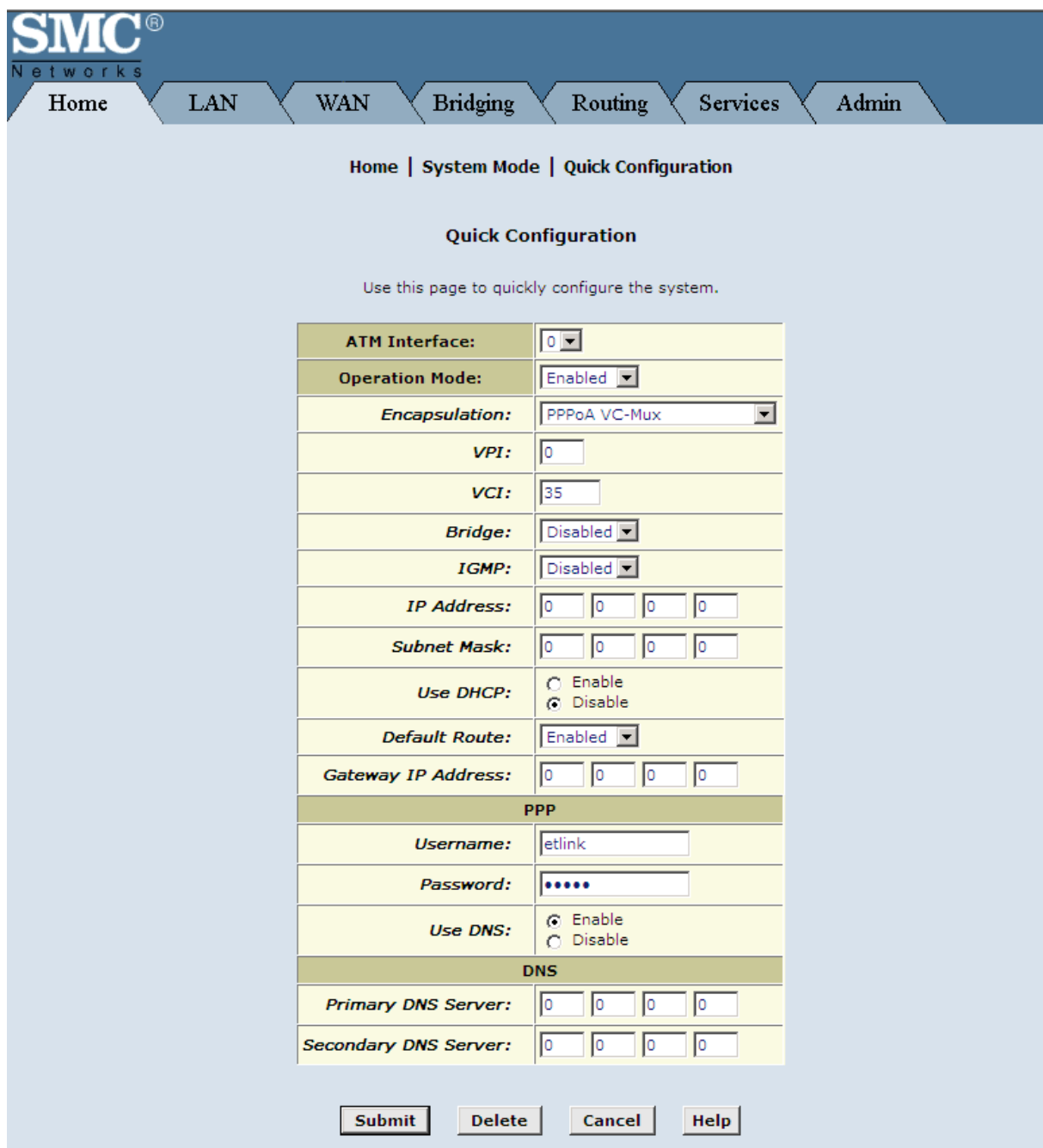
13. Konfigurujemy NAT : **Srevice**s >> **NAT** i wciskamy przycisk **Submit**

The screenshot shows the SMC Networks web interface. At the top, there is a navigation menu with tabs for Home, LAN, WAN, Bridging, Routing, Services, and Admin. Below this, a sub-menu includes NAT, RIP, FireWall, IP Filter, DNS, Blocked Protocols, and DDNS. The main heading is "Network Address Translation (NAT) Configuration". A descriptive paragraph explains that NAT translates LAN IP addresses for internet use. Below this, there are "NAT Options" with a dropdown menu set to "NAT Global Info" and radio buttons for "Enable" (selected) and "Disable". A table titled "NAT Global Information" contains the following settings:

NAT Global Information	
TCP Idle Timeout(sec):	86400
TCP Close Wait(sec):	60
TCP Def Timeout(sec):	30
UDP Timeout(sec):	60
ICMP Timeout(sec):	6
GRE Timeout(sec):	300
ESP Timeout(sec):	300
Default Nat Age(sec):	240
NAPT Port Start:	50000
NAPT Port End:	51023

At the bottom of the configuration area, there are buttons for "Submit", "Global Stats", "Cancel", "Refresh", and "Help". The footer of the page reads "Copyright © 2003 SMC Networks. All rights reserved."

14. Konfigurujemy połączenie ADSL : **Home** >> **Quick Configuration** i wiskamy przycisk **Submit**



SMC
Networks

Home | System Mode | Quick Configuration

Quick Configuration

Use this page to quickly configure the system.

ATM Interface:	0
Operation Mode:	Enabled
Encapsulation:	PPPoA VC-Mux
VPI:	0
VCI:	35
Bridge:	Disabled
IGMP:	Disabled
IP Address:	0 0 0 0
Subnet Mask:	0 0 0 0
Use DHCP:	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Default Route:	Enabled
Gateway IP Address:	0 0 0 0
PPP	
Username:	etlink
Password:	•••••
Use DNS:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
DNS	
Primary DNS Server:	0 0 0 0
Secondary DNS Server:	0 0 0 0

Submit **Delete** **Cancel** **Help**

Parametry modemu ADSL

- ▶ Encapsulation : PPOA VC-Mux
- ▶ VPI: 0
- ▶ VCI : 35
- ▶ Username : nazwa użytkownika w usłudze ETLINK
- ▶ Password : hasło użytkownika w usłudze ETLINK



15. Zapisujemy naszą konfigurację : **Admin** >> **Commit & Reboot** i wciskamy przycisk **Commit** a następnie **Reboot**

SMC Networks

Home LAN WAN Bridging Routing Services Admin

User Config | Commit & Reboot | Local Image Upgrade | Remote Image Upgrade | Alarm | Diagnostics | Port Settings | System Log | Backup/Restore Config | Management Control | Autodetect | SNMP Config

Commit & Reboot

Use this page to commit changes to system memory and reboot your system with different configurations.

Reboot Mode:

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16. Robimy teraz diagnostykę modemu aby sprawdzić czy połączenie zostało nawiązane : **Admin** >> **Diagnostic** i wciskamy **Submit**

SMC Networks

Home LAN WAN Bridging Routing Services Admin

User Config | Commit & Reboot | Local Image Upgrade | Remote Image Upgrade | Alarm | Diagnostics | Port Settings | System Log | Backup/Restore Config | Management Control | Autodetect | SNMP Config

Diagnostics

This page is used for performing diagnostics on the system.

WAN Interface:

Testing Connectivity to modem		
Testing Ethernet connection	PASS	Help
Testing ADSL line for sync	PASS	Help
Testing Ethernet connection to ATM	PASS	Help

Testing Telco Connectivity		
Testing ATM OAM segment ping	PASS	Help
Testing ATM OAM end to end ping	PASS	Help

Testing ISP Connectivity		
Testing PPPoE server connectivity	N.A.	Help
Testing PPPoE server session	N.A.	Help
Testing authentication with server	PASS	Help
Validating assigned IP address 0.0.0.0	PASS	Help

Testing Internet Connectivity		
Ping default gateway 0.0.0.0	PASS	Help
Ping Primary Domain Name Server	PASS	Help
Query DNS for www.smc.com	PASS	Help
Ping www.smc.com	PASS	Help

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17. W głównym Menu możemy sprawdzić status naszego połączenia (interfejs pp-0) **Home**

The screenshot shows the SMC Networks web interface. At the top, there is a navigation menu with tabs for Home, LAN, WAN, Bridging, Routing, Services, and Admin. The 'Home' tab is selected, and the page title is 'Home | System Mode | Quick Configuration'.

The main content area displays system information and interface status:

Model:	SMC7401BRAV2	Operational Status:	🟡 Startup Handshake	
H/W Version:	810020	Last State:	0x0	
S/W Version:	V1.05	DSL Version:	Y.1.46.1	
Serial Number:	123456789abcdx	Standard:	Multimode	
Mode:	Routing And Bridging	Up		Down
Up Time:	0:3:26	Speed	Latency	Speed Latency
Time:	Thu Jan 01 02:03:26 1970	0 Kbps	-	0 Kbps -
Time Zone:	CET			
Daylight Saving Time:	ON			
Name:				
Domain Name:				

WAN Interfaces

Interface	Encapsulation	IP Address	Mask	Gateway	Lower Interface	VPI/VCI	Status
ppp-0	PPPoA	80.72.44.43	255.255.255.0	80.72.44.1	aal5-0	0/35	🔴

LAN Interface

Interface	Mac Address	IP Address	Mask	Lower Interface	Speed	Duplex	Status
eth-0	00:85:A0:01:01:00	192.168.1.1	255.255.255.0	-	100BT	Full	🟢
usb-0	-	192.168.1.2	255.255.255.0	-	-	-	🔴

Services Summary

Interface	NAT	IP Filter	RIP	DHCP Relay	DHCP Client	DHCP Server	IGMP
eth-0	✓ inside	✓	✗	✗	✗	✓	✗
ppp-0	✓ outside	✓	✗	✗	✗	✗	✗
usb-0	✓ inside	✓	✗	✗	✗	✓	✗

At the bottom of the interface, there are three buttons: **Modify**, **Refresh**, and **Help**.

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