# EG500 sillasta reitittäväksi. SSID:n ja salauksen muuttaminen

1. Vaihda verkkokortin asetuksista ip-osoitteeksi 192.168.1.0 /24 esim 192.168.1.100 / 255.255.255.0

La La	ocal Area Connection Properties		23		ive
Net	tworking Sharing			onnection le unplug )LM Gigal	n geo bit l
Î	Internet Protocol Version 4 (TCP/IPv4)	Properties		? <mark>x</mark>	
l	General				
T	You can get IP settings assigned autor this capability. Otherwise, you need to for the appropriate IP settings.	natically if your r ask your netwo	network s rk adminis	upports strator	
	Obtain an IP address automatical	у			
	Use the following IP address:				
	IP address:	192.168.	1 . 100		
	Subnet mask:	255 . 255 . 2	55.0		
	Default gateway:		•		
	Obtain DNS server address auton	natically			
	Ouse the following DNS server add	resses:			
	Preferred DNS server:		•		
Ц	Alternate DNS server:		•		
4	Validate settings upon exit		Adva	nced	
_		ОК		Cancel	

## 2. Avaa selain ja syötä osoiteriville 192.168.1.1 ja paina "Enter". Kirjaudu sisään tunnuksilla admin/admin

#### 🗲 🛞 192.168.1.1/main.html

#### Inteno FG500

Username:	
Password:	
	Login

🗲 🖲 192.168.1.1/main.html	🟫 ए 🖱 🔀 - Google		
POWERED BY Inteno			
<b>GUD</b>		3.	Mene
Device Info	Wide Area Network (WAN) Service: Setup		Advanced
Advanced Setup			setun -> W/AN
Layer2 Interface	Choose Add, Remove or Edit to configure a WAN service over a selected interface.		setup > WAN
WAN Service	Totarface Description Tune Man8031n ManMureld Torm HAT Finewall Tout Mid Demous Edit		service
LAN			Service
NAT	eth4.1 poe_eth4 IP9E N/A N/A Disabled Disabled Disabled Disabled Trabled Trable Trabled Trable Trabled Trabled Trabled Trable Trable Trable Tr		
Security			
Parental Control	eth4.2 br_eth4 broge N/A N/A Disabled Disabled Disabled Disabled Interview I	Л	Laita racti
Quality of Service		4.	Lalla lasti
Routing			ath 1 2
DNS	Add Remove		eth4.2
UPNP			le a la aca
DNS Proxy			Kondassa
Print Server			
DLIM Storage Service			ruutuun
Interface Grouping			"
IP Tunnel			"Remove" ja
IPSec			
Certificate			paina
Power Management			
Multicast			"Remove"
Wireless			
Voice			
Diagnostics			
Hanagement			

POWERED BY Inteno											
GUD											
Device Info Advanced Setup Layer2 Interface			Wi Add, Remove	de Area Netw e or Edit to con	vo <b>rk (WA</b> l figure a W/		ce Setup e over a selec				
WAN Service	Interface	Description	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	IPv6	Mid	Remove	Edit
LAN NAT		ince eth4					Disabled I			-	Edit
Security Parental Control Quality of Service Routing DNS UPhP DNS Proxy Print Server DUNA Storage Service Interface Grouping IP Tunnel IPSec Certificate Power Management Multicast Wireless Voice Diagnostics Hanagement				Ad	d Rem	iove					

5. Valitse jäljelle jääneen yhteyden kohdalla valitaruutu "Edit"

Firefox 🔻	
Inteno Residential Gateway	+
🗲 🛞 192.168.1.1/main.html	
POWERED BY Inteno	
Device Info	Network Address Translation Settings
Advanced Setup	
Layer2 Interface	Network Address Translation (NAT) allows you to share one Wide Area Network (WAN) IP address for multiple computers on your Local Area Network (LAN),
WAN Service	77 Eastin NAT
LAN	
NAT	Enable Fullcone NAT
Security	7 Parts Record
Parental Control	C Enable Freevall
Quality of Service	
	IGMP Multicast
DSI	
UPnP	Enable IGMP Multicast
DNS Proxy	
Print Server	
DLNA	
Storage Service	Back Next
Interface Grouping	
IPSec	
Certificate	
Multicast	
Wireless	
Diagnostics	
Management	

 "Edit"-painikkeella pääset Network Address Translation settings -valikkoon: Rasti ruutuun "Enable NAT" (tämä enabloi reitityksen) Fulcone NAT ei tarvitse enabloida Palomuuri saadaan päälle "Enable Firewall" Paina "Next"-painiketta.

Firefox 🔻	Statute TUR . Mount Red
Inteno Residential Gateway	+
	$\wedge - \alpha$
92.168.1.1/main.html	X ♥ C   8
POWERED BY Inteno	
Device Info	WAN Setup - Summary
Advanced Setup	Make sure that the settings below match the settings provided by your ISP.
Layer2 Interface	
WAN Service	Connection Type: IPoE
LAN	NAT: Enabled
NAT	
Security	Fuil cone INAT: Disabled
Parental Control	Firewall: Enabled
Quality of Service	IGMP Multicast: Disabled
Routing	Quality Of Service: Disabled
	Click "Apply/Save" to have this interface to be effective. Click "Back" to make any modifications.
DNS Provv	Back Apply/Save
Print Server	
DINA	
Storage Service	
Table from Commission	

7. Yhteenvetosivulla on yhteenveto asetuksista. Paina "Apply/Save".

POWERED BY Intena	
GUĐ	
Device Info Advanced Setup Layer2 Interface WAN Service LAN TPV6 Autoconfig NAT Security Parental Control Quality of Service Routing DNS UPnP DNS Proxy Print Server DLNA Storage Service Interface Grouping IPSec Certificate Power Management Multicast Wireless Voice Diagnostics Hanagement	Local Area Hetwork (LAH) Setup   Configure the Broadband Router IP Address and Subnet Mask for LAN Interface. GroupName Default  IP Address: IP Address: IP 19.168.1.1 Subnet Mask: IP 25.255.255.0 IP anable IGMP Snooping IP stable IGMP S
	Configure the second IP Address and Subnet Mask for LAN Interface Apply/Save

 Mene vielä "LAN"-valikkoon ja valitse "Enable DHCP server" ja paina "Apply/Save" Mikäli haluat muuttaa LAN-osoitteet muuksi kuin 192.168.1.0/255.255.255.0, onnistuu se tässä samassa valikossa.

### SSID:n ja salauksen muuttaminen



9. Klikkaa "Wireless" päästäksesi WLAN-konfiguraatiosivulle

Vieless       Vieless         Basic       Security         Marced Setup       This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN         Security       Marcel         Marced       Seture         Station Info       Clients Isolation         Vice       Enable Wireless         Bargements       Clients Isolation         Dispositics       Enable Wireless Multicast Forwarding (WMF)         Station Info       Disable Wireless Multicast Forwarding (WMF)         Station Info       Disable Wireless Multicast Forwarding (WMF)         Clients Isolation       Disable Wireless Multicast Forwarding (WMF)         Station Info       Disable Wireless Multionst Forwarding (WMF				_						
Device Info       Wireless Basic         Advanced Setup       This page allows you to configure basic features of the wireless LAN Interface. You can enable or disable the wireless LAN         Basic       Security         MAC Fifter       Click * Apply/Save* to configure basic features of the wireless LAN Interface. You can enable or disable the wireless LAN         Security       MAC Fifter         Wireless Bridge       Click * Apply/Save* to configure the basic wireless options.         Advanced       Enable Wireless         Station Info       Clients Isolation         Vice       Disable Wireless Huiltcast Forwarding (MMF)         SSID:       Disable Wireless Multicast Forwarding (MMF)         SSID:       0:0:22:07:15:09:47         County:       FINLAND         Max       If         Clients:       If         Wireless - Guest/Virtual Access Points:       If         Max       If         Wireless - Guest / Virtual Access Points:       If         Max       If         Wireless - Guest / Wirt Clients       If         Wireless - Guest / Wirt Clients       If         Wireless - Guest / Virtual Access Points:       If         Imable       Imable Wireless       Imable Wireless         Wireless - Guest / Wireless	( 192.168.1.1/main.html									
Device Info       Wireless Basic         Advanced Setup       This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless the tan enable or disable the wireless the tan enable or di										
Advanced Setup       This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless LAN interface. You can enable you can enable or disable the wireless LAN interface.	Device Info	Vireless -	- Basic							
MAC Filter  Vireless Bridge Advanced Advanced I Hide Access Point Station Info Clients Isolation Disable WMM Advertise Clients Isolation Disable WMM Advertise Clients Isolation Clients Client	Advanced Setup       This page allows you to configure basic features of the wireless LAN interface. You can enable or disable the wireless L         Wireless       requirements.         Basic       Click "Apply/Save" to configure the basic wireless options.								e wireless LAN i	
Advanced       I       Hide Access Point         Station Info       I       Clients Isolation         Diagnostics       I       Disable WMM Advertise         Imagement       I       Enable Wireless Multicast Forwarding (WMF)         SSD:       DNA_B948         BSSD:       00:22:07:15:B9:47         Country:       FINLAND         Max       16         Wireless - Country:       SSD         Wireless - Virtual Access Points:       Imagement         Wireless - Country:       SSD         Wireless - Country:       Imagement         Max       16         Wireless - Country:       SSD         Wireless - Country:       Imagement         Wireless - Country:       Imagement         Wireless - Country:       Imagement         Wireless - Country:       Imagement         Max       16         Wireless - Country:       Imagement         Wireless - Country:       Imagement         Wireless - Country:       Imagement         Country:       Imagement         Wireless - Country:       Imagement         Wireless - Country:       Imagement         Imagement       Imagement         <	Security MAC Filter Wireless Bridge	🔽 Er	able Wireless							
Voice       Disable       Clients Isolation         Disable WMM Advertise       Disable WMM Advertise         Imagement       Imagement         Imagement       Imageme	Advanced Station Info	Hie	de Access Point							
Management         Imagement         Imagement         Imagement         Imagement         Imagement         Imagement         Imagement         SSID:         DNA_B948         BSSID:       00:22:07:15:89:47         Country:       FINLAND         Imagement       Imagement         Max       16         Olients:       16         Wireless - Guest/Virtual Access Points:         Wireless - Guest/Virtual Access Points:         Imagement       SSID       Hidden       Imagement       Imagement       BSSID         Imagement       SSID       Hidden       Imagement       Imagement       BSSID         Imagement       SSID       Hidden       Imagement       Imagement       Imagement         Imagement       SSID       Imagement       Imagement       Imagement       Imagement       Imagement         Vireless - Guest / Virtual Access Points:       Imagement       Imagement       Imagement       Imagement         Imagement       Imagement       Imagement       Imagement       Imagement       Imagement         Imagement       Imagement       Imagement       <	Voice Diagnostics		ients Isolation sable WMM Adver							
SSID:       DNA_B948         BSSID:       00:22:07:15:B9:47         Country:       FINLAND          Max       15         Wireless - Clients:       15         Wireless - Substrict Access Points:       Max       16         Wireless - Glients:       16       Max         Image: Wind Gliest 1       Image: Sint 10       Image: Sint 10       Image: Sint 10         Image: Wind Gliest 1       Image: Sint 10       Image: Sint 10       Image: Sint 10       Image: Sint 10         Image: Wind Gliest 1       Image: Sint 10       Ima	Management	🔽 En	able Wireless Mul	ticast Forwarding (WMF)						
BSSID: 00:22:07:15:B9:47 Country: FINLAND Max Clients: 16 Wireless - Guest/Virtual Access Points: Enabled SSID Hidden Isolate Disable MMF Clients BSSID WMF Clients BSSID WM0_Guest1 1 16 N/A W0_Guest2 1 16 N/A		SSID:	DNA_8948							
Max Clients:       16         Wireless - Guest/Virtual Access Points:         Enabled       SSID       Hidden       Isolate Clients       Disable WMM Advertise       Max Enable WMF       BSSID         wl0_Guest1       I <t< td=""><td></td><td>BSSID:</td><td>00:22:07:15:B</td><td>9:47</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		BSSID:	00:22:07:15:B	9:47						
Clients:         Wireless - Guest/Virtual Access Points:         Enabled       SSID       Hidden       Isolate WMM Enable WMF Clients       Max Clients       BSSID         Image: W0_Guest1       Image: W10_Guest2       Image: W10_Guest3       Image: W10_Guest3 <td></td> <td>Max</td> <td>16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		Max	16							
Wireless - Guest/Virtual Access Points:         Enabled       SSID       Hidden       Isolate MMM divertise       Enable MM clients       Max clients       BSSID         Image: Mile Mile Mile Mile Mile Mile Mile Mile		Clients:								
Enabled       SSID       Hidden       Isolate Clients       Disable WMM Advertise       Enable WMF       Max Clients       BSSID         Image: Minipage of the state of th	١	Vireless -	Guest/Virtual /	Access Points:						
wl0_Guest1         I		Enabled		SSID	Hidden	Isolate Clients	Disable WMM Advertise	Enable WMF	Max Clients	BSSID
wl0_Guest2         Image: Control of the second			wl0_Guest1						16	N/A
w/0 Guest3			wl0_Guest2						16	N/A
			wl0_Guest3						16	N/A

10. Vaihda langattoman verkon nimi poistamalla *SSID*-kentässä olemassa oleva nimi, eli esimerkin kuvassa *DNA\_B948*. Kirjoita samaan kenttää uusi *SSID* joka tulee olemaan uusi langattoman lähiverkon nimi.

#### Paina Apply/Save

Tämän jälkeen klikkaa *Security* päästäksesi muuttamaan salaustapaa ja langattoman verkon avainta.

♦ 192.168.1.1/main.html		
POWERED BY Inteno		
GUD		
Device Info	Wireless Security	
Advanced Setup		
Wireless	This page allows you to configure securi You may setup configuration manually	ty features of the wireless LAN interface.
Basic	OR	
Security	through WiFi Protcted Setup(WPS)	
MAC Filter		
Wireless Bridge	WPS Setup	
Advanced		<b>D</b> : 11.1
Station Info	Enable WPS	Disabled -
Voice		
Diagnostics		
rianayement	Manual Setup AP	
	You can set the network authentication specify whether a network key is require Click "Apply/Save" when done.	method, selecting data encryption, ed to authenticate to this wireless network and specify the encryption strength.
	Select SSID:	DNA_B948 -
	Network Authentication:	Mixed WPA2/WPA -PSK -
	WPA/WAPI passphrase:	••••••
	WPA Group Rekey Interval:	3600
	WPA/WAPI Encryption:	TKIP+AES -
	WEP Encryption:	Disabled -
		Apply/Save

11. *Select SSID* = valitse alasvetovalikosta se verkko jonka asetuksia haluat muuttaa.

*Network Authentication* = Muuta salaustapaa. (Ei tarpeellista mikäli laitteesi ovat aiemmin toimineet tämän modeemin kanssa)

*WPA/WAPI passphrase* = WLAN-verkon salasana. Poista vanha ja kirjoita uusi salasana tilalle.



12. Klikkaamalla *Click here to display* voit varmistaa, että salasana on se mitä kirjoititkin. (Avautuu uuteen ikkunaan).

#### Muuta:

#### Mikäli tarpeellista, voidaan **Wireless-Advanced** –valikossa muuttaa WLAN käyttämään automaattista/manuaalista kanavaa ja vaihtaa WLAN kaistanleveys. Tätä varten:

POWERED BY Inteno			
Device Info	Wireless Advanced		
Advanced Setup			
Wireless	This page allows you to configure adv. for dients in power-save mode, set th	anced features of the wireless LAN interfa e beacon interval for the access point, se	ace. You can select a particular channel on which to operate, force the transmission t YDress mode and set whether short or long preambles are used.
Basic	Click "Apply/Save" to configure the ad	vanced wireless options.	en resoniode and set miletier and conorig preambles are asear
Security		0.4011	
MAC Filter		Z.4GHZ ▼	
Mireless bridge	Channel:	Auto 👻	Current: 6 (interference: acceptable)
Station Info	Auto Channel Timer(min)	10	
Voice	802.11n/EWC:	Auto 👻	
Diagnostics	Bandwidth:	40MHz in Both Bands	Current: 40MHz
Management	Control Sideband:	Lower -	Current: Lower
		Auto	•
	802.11n Protection:	Auto 👻	
	Support 802.11n Client Only:	Off 🗸	
	RIFS Advertisement:	Auto 👻	
	OBSS Co-Existance:	Disable -	
	RX Chain Power Save:	Disable -	Power Save status: Full Power
	RX Chain Power Save Quiet Time:	10	
	RX Chain Power Save PPS:	10	
	54g™ Rate:	1 Mbps 👻	
	Multicast Rate:	Auto 👻	
	Basic Rate:	Default	•
		2346	
	RTS Threshold:	2347	
	DTIM Interval:	1	
		100	
	Global Max Clients:	16	
		Disabled -	
	Transmit Power:	100% -	
	WMM(Wi-Fi Multimedia):	Enabled -	
	WMM No Acknowledgement:	Disabled 👻	
	WMM APSD:	Enabled -	

13. Klikkaa Wireless →Advanced saadaksesi edistyneet asetukset näkyviin.

#### 🗲 🛞 192.168.1.1/main.html POWERED BY Inteno **GUD** Device Info Advanced Setur Advanced Vireless Basic This page allows you to configure advanced features of the wireless L for clients in power-save mode, set the beacon interval for the access Click "Apply/Save" to configure the advanced wireless options. AN interface. s point, set XF You can select a particular channel on which to operate, force th Press mode and set whether short or long preambles are used. 2.4GHz 👻 ncer Areless Bi Ivance Auto 👻 10 Auto • 20MHz in Both Bands ▼ Current: 40MHz ignostics Lower -Auto • Auto 👻 Off 👻 RIFS Advertisement: Auto 👻 Enable -DV Chain Deven Carry Disable -Full Power 10 RX Chain Power Save Quiet RX Chain Power Save PPS: 10 1 Mbps Auto • Default • 2346 2347 RTS Threshold DTIM Interval: 1 DIIM Interval: Beacon Interval: 100 16 Disabled -100% 👻 Enabled -Disabled -

#### 14. Advanced setup:

Muuttaaksesi kanavavalintaa haluamaksesi klikkaa Channel-kohdassa olevaa alasvetovalikkoa (20MHz kaistanleveydellä kanavat 1-13, 40Mhz 1-9 tai 5-13).

Enabled -

Vaihtaaksesi langattoman verkon kaistanleveyttä valitse Bandwidth alasvetovalikosta, joko 20MHz tai 40MHz.

07-2008 Inte

20 MHz = pienempi nopeus, pidempi kantama.

40MHz = suurempi nopeus, lyhyempi kantama.

Mikäli päädyt käyttämään 20MHz kaistanleveyttä vaihda OBSS Co-Excistence alasvetovalikosta tilaksi Enable.

15. Modeemi on nyt reitittävänä sekä sen SSID ja salaus on muutettu . Vaihda verkkokorttisi asetuksista takaisin :

Loc	cal Area Connection Properties	
Netw	vorking Sharing	
I	Internet Protocol Version 4 (TCP/IPv4) Properties	2 ×
	General Alternate Configuration	
T	You can get IP settings assigned automatically if your this capability. Otherwise, you need to ask your netw for the appropriate IP settings.	network supports ork administrator
	Obtain an IP address automatically	
	Use the following IP address:	
	IP address:	
	Subnet mask:	
	Default gateway:	
	Obtain DNS server address automatically	
	Use the following DNS server addresses:	
	Preferred DNS server:	
	Alternate DNS server:	
C	Validate settings upon exit	Advanced
Ce	Ok	Cancel

Vikatilanteet				
Netti toimi aikaisemmin siltaavana, ohjeen mukaan tehty reititys ei toimi.	Tarkista palaako modeemissa WAN-valo ja Internet- valo. Modeemin uudelleenkäynnistys voi myös auttaa.			
Langaton netti ei toimi.	Päätelaite (matkapuhelin, Pad, tietokone) ei ole vaihtanut automaattisesti osoitettaan. Sulje päätelaitteen (matkapuhelin, Pad, tietokone) langaton verkkokortti tai käynnistä päätelaite (matkapuhelin, Pad, tietokone) uudelleen ja yhdistä uudelleen langattomaan verkkoosi.			
Internet-valo palaa, mutta netti ei toimi.	Tarkista, että modeemin LAN-valikossa on enabloitu DHCP-server ja että sillä on osoiteavaruus mitä jakaa. Tarkista myös, että Advanced setup→ DNS Proxy on päällä (Rasti ruudussa enable)			
Kaikki tehty, mikään ei toimi.	Pidä modeemin reset-nappia pohjassa 10 sec, niin laite palautuu DNA:n alkuperäisille asetuksille. Ota yhteyttä asiakaspalveluun.			