

Setting up your Eaton 615M-1

1. (Basics) Login onto the configuration webpage

2. Carrier Setup

3. Dynamic DNS Setup

4. Security Setup

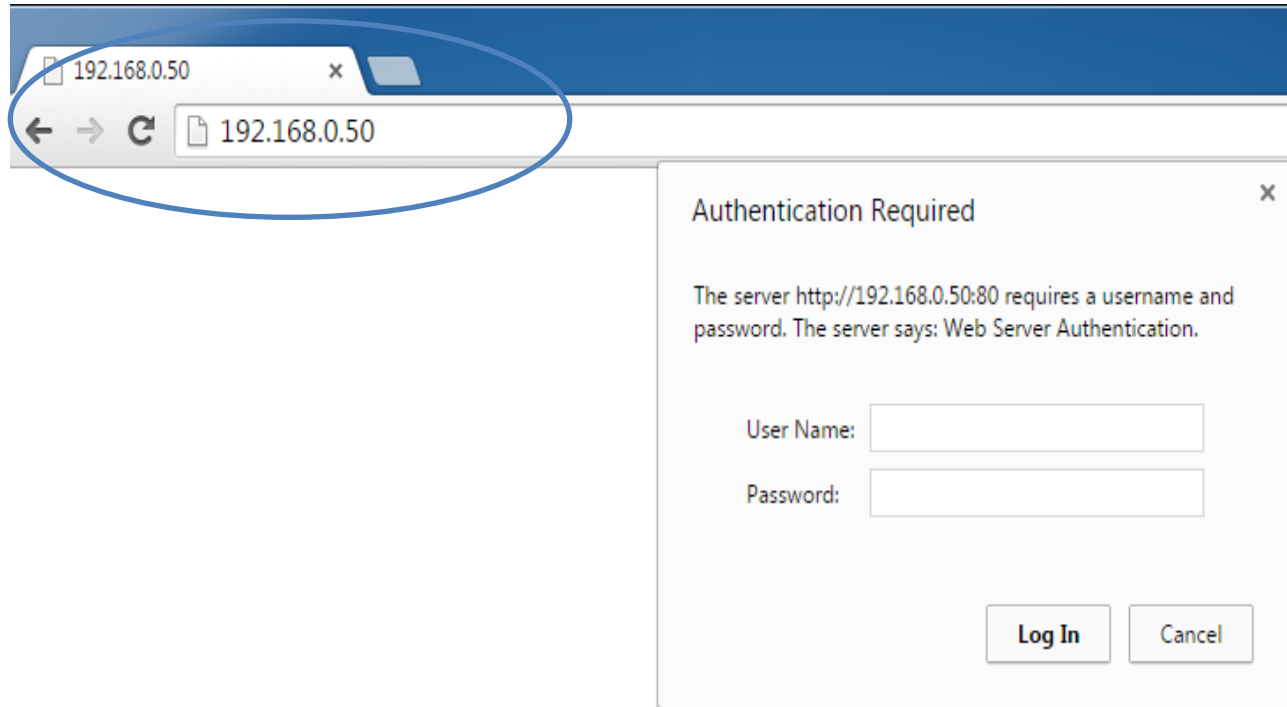
5. VPN Setup



[Download User Manual](#)

How to log onto the Eaton 615M-1 Cellular Modem, IP Router

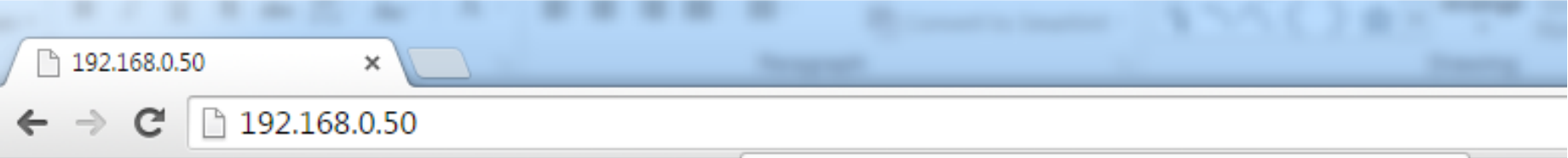
1. Power up the 615M-1
2. Open your web browser e.g. Internet Explorer or Chrome
3. Type in the IP address of the Modem into the browser e.g. 192.168.0.50 in this example.



Note: Supply Range 9 – 28Vdc

- **NB:** Make sure your computer is on the **same IP range** as the radio. The default IP range of the modem is **192.168.1.50**
- The default subnet mask is **255.255.255.0**
- You should be able to **PING** the modem from your PC

How to log onto the Eaton 615M-1 Cellular Modem, IP Router



- *The default username is "admin" and password is "password"*


Authentication Required [X]

The server http://192.168.0.50:80 requires a username and password. The server says: Web Server Authentication.


User Name:

Password:

How to log onto the Eaton 615M-1 Cellular Modem, IP Router Configuration Home Screen



Cellular Data
Modem and Router



www.cooperbussmann.com/wireless

HOME
RESET

Unit Status	Status	Identity	Basic Settings	HELP
LAN				
	IP	192.168.0.50		
	Subnet Mask	255.255.255.0		
	MAC Address	00:11:DB:07:0E:51		
System Information				
	Date	Thu Jan 1 17:06:35 1970 UTC		
	System Up Time	61596 seconds		
	Current Firmware Version	5.1		
	Current Kernel Date	Fri Apr 12 13:23:00 EDT 2013		
	Phone Module Version	D3200-STUGN-1580		
	Temperature	37°C		
	Main Voltage	24.00		
PPP				
	PPP Status	UP		
	PPP IP Address	41.192.149.168		
	Cell Subnet Mask	255.255.255.252		
	Cell Gateway	41.192.149.169		
	Primary DNS	196.207.40.167		
	Secondary DNS	196.207.40.165		

Return to Menu
(or scroll on to continue)

Carrier Setup

The following example assumes the use of a Unrestricted Vodacom SIM card:

Select Carrier "Vodafone,GSM"

Enter Carrier APN "unrestricted"

Cell Connection	Carrier	GSM Settings	CDMA Settings	System Monitor	Dynamic DNS	HELP
Carrier						
Active Carrier	<input checked="" type="radio"/> Primary <input type="radio"/> Secondary <input type="radio"/> Automatic					
Primary Carrier	Vodafone, GSM (NA) ▼					
Secondary Carrier	None ▼					
Auto Connect	<input checked="" type="radio"/> Enable <input type="radio"/> Disable					
<i>If Auto Connect is enabled and the modem fails to connect, the unit will attempt to reconnect 2 times and then one attempt per the following schedule: 1 minute, 2 minutes, 8 minutes and then every 15 minutes until successful.</i>						
Primary Carrier						
Carrier APN	unrestricted					
User						
Password						
Authentication Protocols	<input checked="" type="radio"/> Auto <input type="radio"/> Use only: <input type="checkbox"/> PAP <input type="checkbox"/> CHAP					
Modem-to-Modem	<input type="radio"/> Enable <input checked="" type="radio"/> Disable					

Note: User and Password is left blank

support@tabateq.com








Return to Menu
(or scroll on to continue)

Dynamic DNS Setup

A DNS account is required for this configuration setup.

Manage Hosts

Current Hosts: 3 Need More Hosts? Enhance Your Account! [Enhance Your Account](#)

Host	IP/URL	Action
 Hosts By Domain		
no-ip.org		
tabateqtest02.no-ip.org	105.236.52.46	 Modify  Remove
tabateqtest03.no-ip.org	41.192.149.168	 Modify  Remove
tabateqtest04.no-ip.org	41.192.24.101	 Modify  Remove

[Add A Host](#)

- Go to www.noip.com to create a free DNS name
- Create your hostname to use with your 615M-1

Dynamic DNS Setup

Using the DDNS account you created, enter the account details.

Cell Connection	Carrier	GSM Settings	CDMA Settings	System Monitor	Dynamic DNS	HELP
Dynamic DNS						
Dynamic DNS <input checked="" type="radio"/> Enable <input type="radio"/> Disable						
Dynamic DNS Address		dynupdate.no-ip.com				
Port Number		8245 (1 - 65535)				
User Account		tabateqtest				
User Password					
Hostname		tabateqtest03.no-ip.org				
Update Interval		30 (1 - 65535) minutes				

Leave as Default

Login details of your No-ip account

Return to Menu
(or scroll on to continue)

Security Setup

1. Enable the PPTP Server to allow a VPN client connection to the 615M-1
2. Enter in user details in the PPTP Server User Configuration. This is used to access your VPN connection you are going to create.

PPTP Server Configuration

PPTP Server Enable Disable

Server Local IP 192 . 168 . 0 . 50

Client IP Range 192 . 168 . 0 . 80 - 200

Protocols Allowed PAP CHAP MS-CHAP MS-CHAPv2

Encryption Use MPPE

Cancel Save

PPTP Server User Configuration

Full Name

Username

Password

Add

PPTP Server User List

Full Name	Username	
tabateq	tabateq	Delete Entry

Security Setup

Once you PPTP Server has been configured check the status tab to see if it is enabled.

Security	Status	PPTP	IPsec	GRE	HELP
PPTP Client					
Status		DOWN			
IP Address		N/A			
Subnet Mask		N/A			
P-t-P		N/A			
PPTP Server					
Status		ENABLED			
Connected Users		0			
IPsec Tunnels					
Status		DISABLED			

Refresh

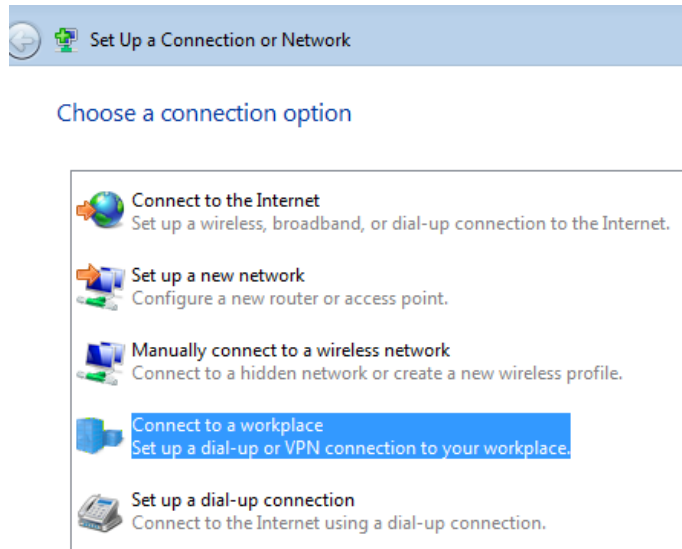
Return to Menu
(or scroll on to continue)

VPN Setup

To connect to the 615M-1 you need to configure a VPN Client connection.
In this example we use the built-in windows VPN Connection

Browse to your Network then:

1. Set up a new connection or network
2. Connect to a workplace
3. Use my Internet connection (VPN)



How do you want to connect?

- Use my Internet connection (VPN)
Connect using a virtual private network (VPN) connection through the Internet.



- Dial directly
Connect directly to a phone number without going through the Internet.

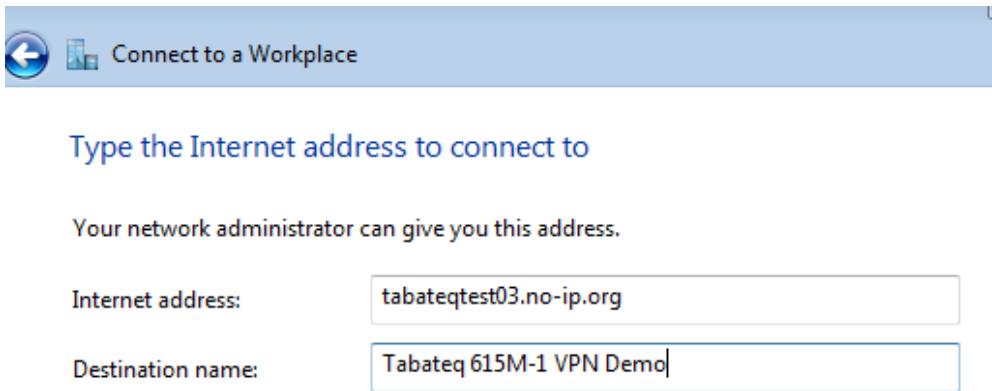


[What is a VPN connection?](#)

VPN Setup

4. Enter in the DNS name you created.
In our example we use “tabateqtest03.no-ip.org”
5. Enter in the username and password you added in the security section of this how-to note.

You are now able to connect to you Elpro 615M-1 device through a VPN conenction.



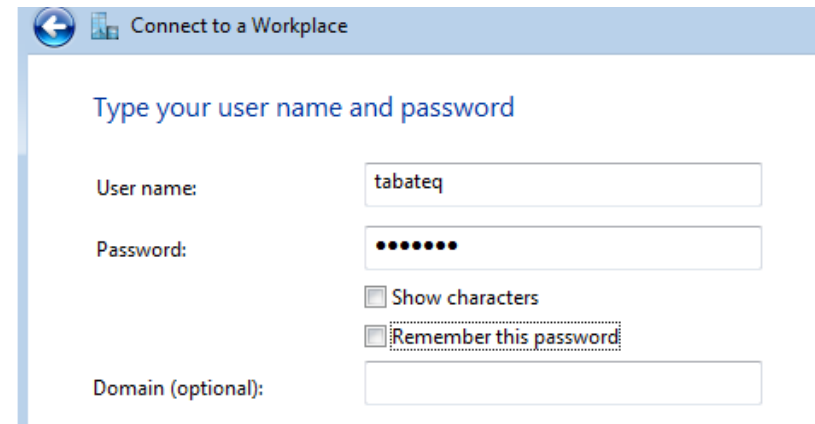
Connect to a Workplace

Type the Internet address to connect to

Your network administrator can give you this address.

Internet address:

Destination name:



Connect to a Workplace

Type your user name and password

User name:

Password:

Show characters

Remember this password

Domain (optional):

End of Tutorial

[Return to Beginning](#)