How to setup a PPTP connection between a Bipac 74XX and Windows 7 Machine

Please log into your router configuration page by opening Internet explorer and typing the address bar <u>http://193.168.1.254</u>

You should be prompted for a username and password.

Please use the username 'admin' and password 'admin' (case sensitive)

Once you are logged on, Please make a note of the IP address listed on this page for this example the IP address is 79.79.3.156.

BILLION		3G/ADSL2+ (802. Ro	11n) VPN uter	Firewall		Powering communications with Security
Basic	Status				1	
Advanced	▼Device Information	on		▼Physical Por	t Status	
Vatus Varian Variante	Model Name System Up-Time Hardware Version	BIPAC 7402NX 01:11:57s Solos-W USB/ADSL-M/	WN v1.00	Ethernet EWAN ADSL		
	Software Version	5.53.s6		Wireless > 3G	×	
	▼ WAN					
	Port Protocol	/PI/VCI Connection	IP Address	Subnet Mask	Default Gateway	Primary DNS
	ADSL PPP (0 /38 01:09:46s Disconnect	79.70.3.156	255.255.255.255	0.0.0.0 (Interface:ipwan)	212.139.132.8
				💾 S	ave Config 🛛 🧳 Res	tart 🎝 Log
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Once done please click on 'Advanced' as shown below.

Now click on 'Configuration' >>> VPN >> PPTP. As shown below

BILLION			3G/AL	OSL2+	(802.11n) VPN Firewall Router				Powering of with S	ecurity
Advanced	Configu	iration								-
Basic	▼РРТР									
Status	Parame	ters								
Quick Start	Name	1010	4		Our and the Trans		Dente		1	
Configuration	Name		test		Connection Type		Remot	e Access 🔽		
LAN	Туре		Dial in	*	vivate IP Address Assigned to	Dialin user	192.16	8.1.145		
WAN	Useman	ne	test		Password				Auth Type	Chan(Au
System	Cooma						200	(100)	i anii i jipo	onopyid
Firewall	Data En	cryption	Auto	~	Key Length		Auto	~	Mode	stateful
VPN	Active as	default route	Ena	ble						
• PPTP			1							
• IP Sec	Add	Edit / Delete								
· L2TP				1997				1 100		10000
QoS	Edit	Active		Name	Connection Type			Туре	De	elete
Virtual Server	۲			test	remoteaccess			dialin	C)
Wake on LAN										
Time Schedule										
Advanced										
anguage	<									
						Save Co	nfig	🖉 Res	tart	Logo
				Dilling		-				~~~~

In this section please enter a 'Name' for the connection as shown above for this example we used 'test'. Please select 'Dial In' as shown above. Also enter a IP address for the person dialling into the network as shown above, You will also have to enter a username and password for the user, in this example we have used 'test as the username and 'test' as the password.

* PPTP					
Parameters					
Name	test	Connection Type	Remote Acces	s 🛩	
Туре	Dial in 💌	Private IP Address Assigned to Dialin user	192.168.1.145		
Username	test	Password	••••	Auth. Type	Chap(Aut
Data Encryption	Auto 💌	Key Length	Auto 🔽	Mode	stateful
Active as default ro	ute Enable				
Add Edit / De	Now	r click on 'Add'			
	Name	Consection Trac	T		lata

Once everything is entered click on 'Add' as shown above.

Now click on 'Active' as shown below.

Edit	Active	Name	Connection Type	Туре	Delete	ļ.
0	V	test	remoteaccess	dialin		

That is all we need to do on the router.

Now the next part of the guide will show you how to setup the PPTP connection with a Windows 7 machine.



Please right click on your network icon found in the bottom right hand corner of your PC, as shown above. Then click on 'Open Network and Sharing Center



Now click on 'Set up a new connection or network'

oose a connection option			
Connect to the Internet Set up a wireless, broadband, or dial-up connection to th	e Internet.		
Set up a new network	<u>هــــــــــــــــــــــــــــــــــــ</u>		
Configure a new router of access point.	<u> </u>		
Connect to a New Youle of access point.		lease click on 'Connect to a work	kplace'
Connect to a workplace Set up a dial-up connection Connect to the Internet using a dial-up connection	⊧	lease click on 'Connect to a work	kplace'

Now click on 'Connect to a workplace' and then click on 'Next' as shown above.



Now click on 'Use my internet connection (VPN) as shown above.

🕒 🚠 Connect to a Workpl	⊳				
Type the Internet a	ddress to connect to				
Your network administra	tor can give you this address. 1				
Internet address:	79.70.3.156	←	Enter the ex	rternal IP address of the network you wi	sh to
Destination name:	VPN Connection		connect to	o, this is found on a the routers status pa	ige
Use a smart card Disc a smart card Allow other peop This option allow Don't connect no	ole to use this connection /s anyone with access to this computer to use this c w/, just set it up so I can connect later	Please selec	ct 'Don't co co	nnect now;just set it up so I can nnect later'	
		3 Next	ancel	Now click on 'Next'	7

- 1. Enter the IP address that you noted down at the start of this guide
- 2. Select 'Don't connect now; just set it up so I can connect later'
- 3. Click on 'Next'

Connect to a Workpl	ne and password	
User name:	test	
Password:	••••	router PPTP config page, for this example we have used 'test'a
	Show characters	'test'
	Remember this password	
Domain (optional):		
		Now click on'Create'
		Create

Now enter the username and password we entered in PPTP section on router config page. For this example we used 'test' and 'test'

Connect to a Workplace	
Ine connection is ready to use	a a
➔ Connect now	Now click on 'Close'
	×

Now click on 'Close' as shown above.



Now right click on your network icon, left click on your VPN connection and right click on 'Properties' as shown above.



Now please select the 'Security' tab, change the type of VPN to 'Point to Point' and make sure the data encryption is selected on 'Require encryption' as shown above.



Now click on the 'Networking' tab. Click on 'Internet Protocol Version 4' so it is highlighted blue, and click on 'Properties' as shown

above.



Now click on 'Advanced' as shown above.



Now make sure that 'Use default gateway on remote network is <u>not</u> ticked, and click on 'OK' as shown above

Preferred DN: Alternate DNS	S server: S server:			*	
Obtain DN: − Use the foll	S server address lowing DNS serv	automatically rer addresses:			
IP address;	lowing IP addres	s:	14	+	
Obtain an I	P address autom	natically			
administrator for	the appropriate I	P settings.	JSK YOU T	ICLIVIT	

Click on 'Close' to close this window.

man manual I I lands an an I b. man samba a 1911	etworking Charing
eneral Options Security 14	Sharing
This connection uses the follow	ing items:
🗹 🗻 Internet Protocol Version	n 6 (TCP/IPv6)
🗹 🝝 Internet Protocol Versioi	n 4 (TCP/IPv4)
linstall	Jninstall Properties
Transmission Control Protoco	I/Internet Protocol. The default
Now click on 'O	K' to close the box

Click on 'Ok' to close this window.



Now right click on your network icon, found on the bottom right hand corner of your pc. Right click on your VPN connection and click on connect. As shown above.

Connect VPP	V Connection	
User name:	test	
Password: 1	••••	Enter your password
Domain:		
Save this us	ser name and password for the following users:	
e only only nyone	who uses this computer	ck on 'Connect'
Connect	Cancel Properties Help	

Now enter the password we set in the routers PPTP section, and then click on 'Connect', as shown above

Connecti	ing to VPN Connection	
-	Verifying user name and password	
	Cancel	

Now the connection should be Verified.



Now you should be registering on the remote network



Once the box disappears you can check your VPN status by clicking on your network icon and there you will see 'Connected' as shown above.