BELKIN | Connecting people

INTRODUCTION

Enable wireless and wireless security on your Belkin VoIP modem/router.

APPLIES TO:

- F1PI241EGau

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Before you begin:

You will need:

- Belkin Wireless / VoIP unit
- Power cable
- Network cable

Hardware check:

- Your computer is switched on
- The Wireless / VoIP unit is switched on (power switch at rear)
- Network cable connected from computer to the Wireless / VoIP unit

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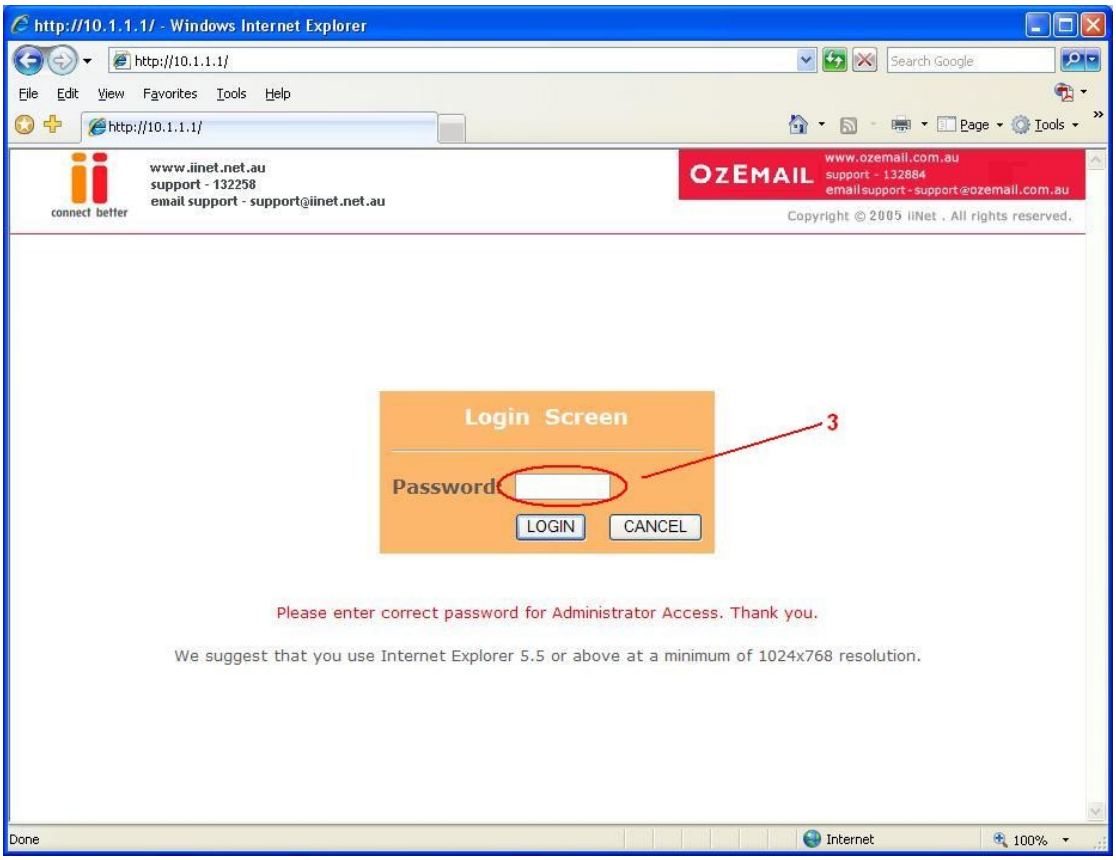
STEPS:

1) Open your web browser (Internet Explorer, Mozilla FireFox, Safari etc)

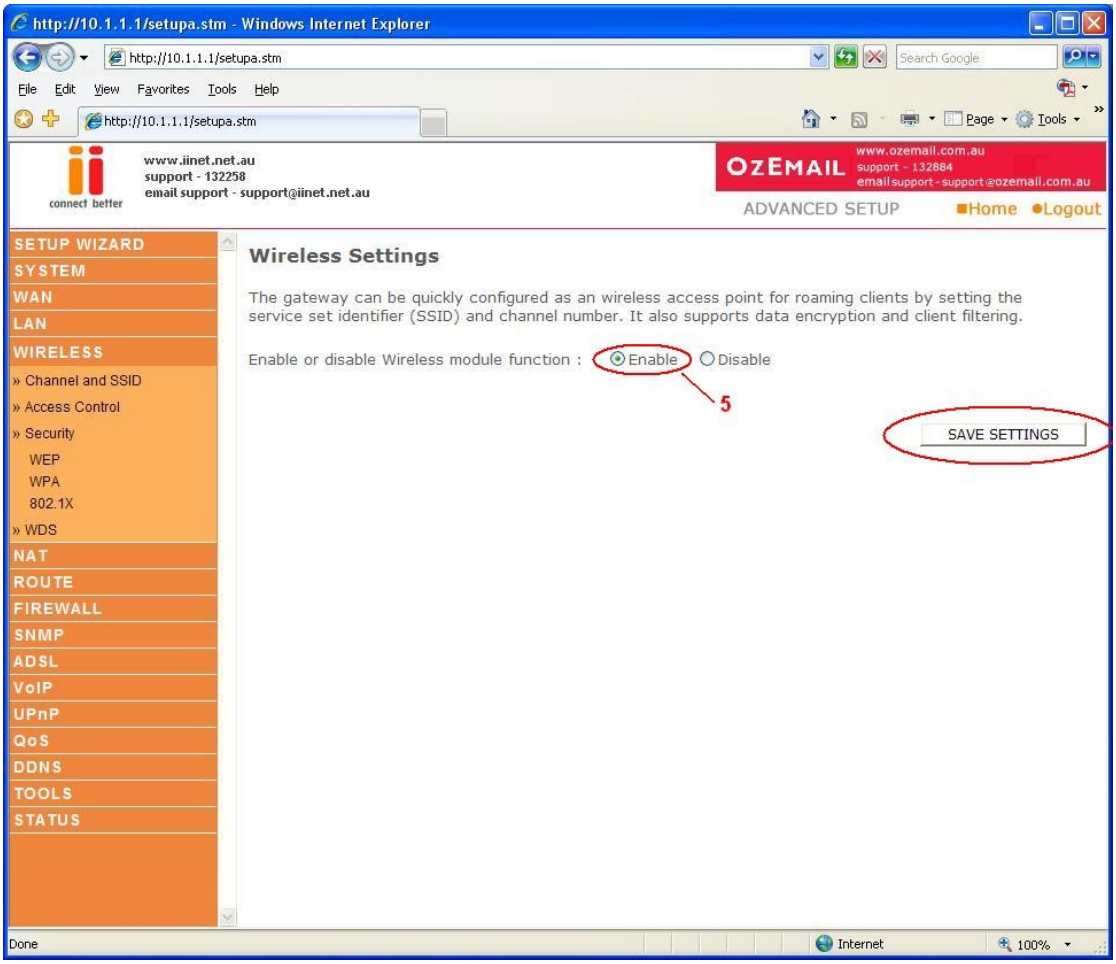
2) In the Address Bar, delete any text and type in **10.1.1.1** or click here to open the page directly



3) Type in your current password (default password = **admin**) then click **LOGIN**

4) On the left hand side of the screen click **Advanced Setup**

5) You will now be presented with more options in the menu on the left. Click **Wireless** then click **Enable Wireless Function** and click **Save Settings**



Wireless is now enabled. We strongly recommend that you setup Wireless Security to help protect your wireless network against unauthorised use.

If you like to setup Wireless Security, please follow the steps on the following page.

WIRELESS SECURITY INFORMATION

Encryption Type	Pros	Cons	Recommended usage
64 Bit WEP	Most compatible form of encryption Easy to setup and manage	Least secure	Older computers and wireless adapters (Windows 98/ME/2000 &/or 802.11b Wireless Cards) Home users
128 Bit WEP	More secure than 64 Bit, yet still widely supported by wireless cards	Long network key (26 Characters)	Apple Macintosh/Office use
WPA	Easy to setup and most secure form of encryption	Limited support	Windows XP (Service Pack 2) Later model wireless cards

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Click the type of security you wish to setup:-

1) **64 Bit WEP**
2) **128 Bit WEP**
3) **WPA**

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64 Bit WEP:-

1) Under **Wireless** click **WEP**

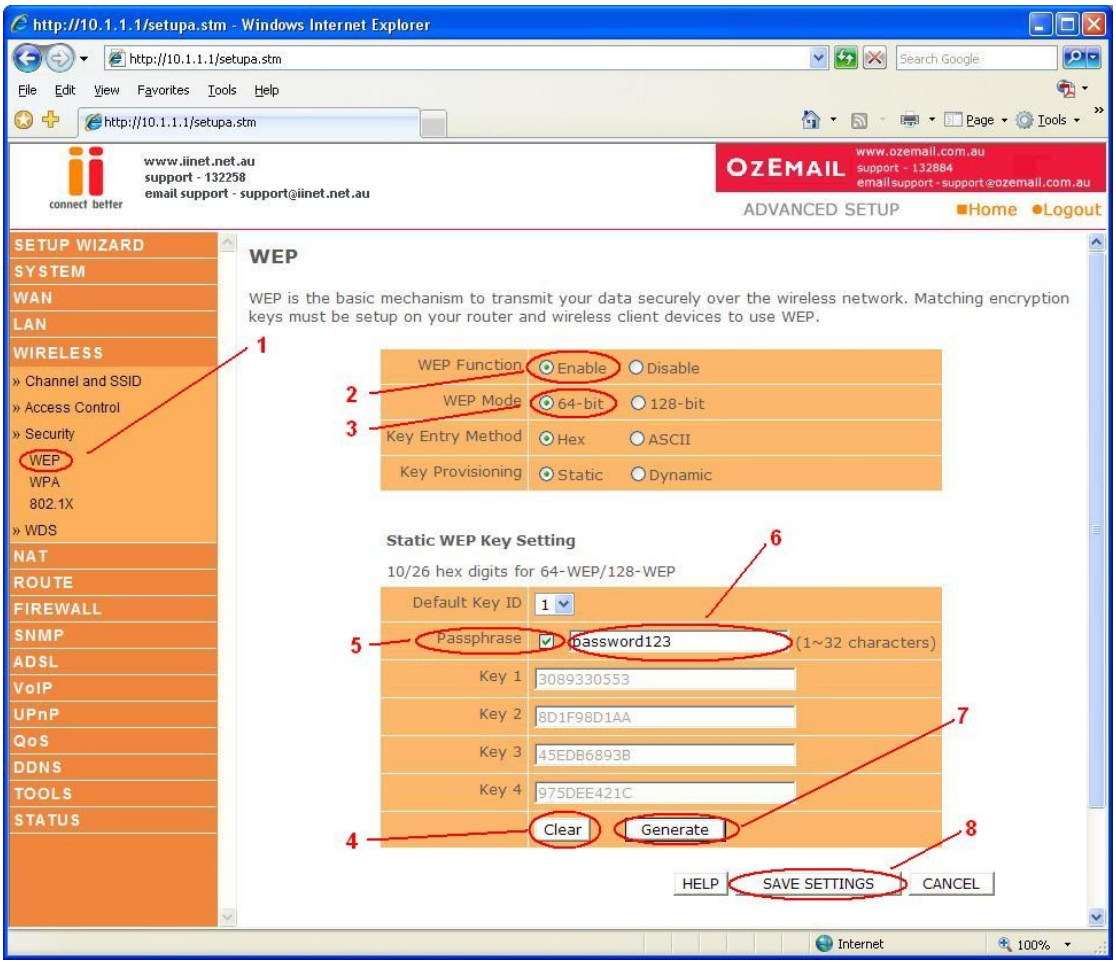
2) Click **Enable** for **WEP Function**

3) Click **64 Bit** for **WEP Mode** leave all other settings as default

4) Under Key 4 field, click the **Clear** button

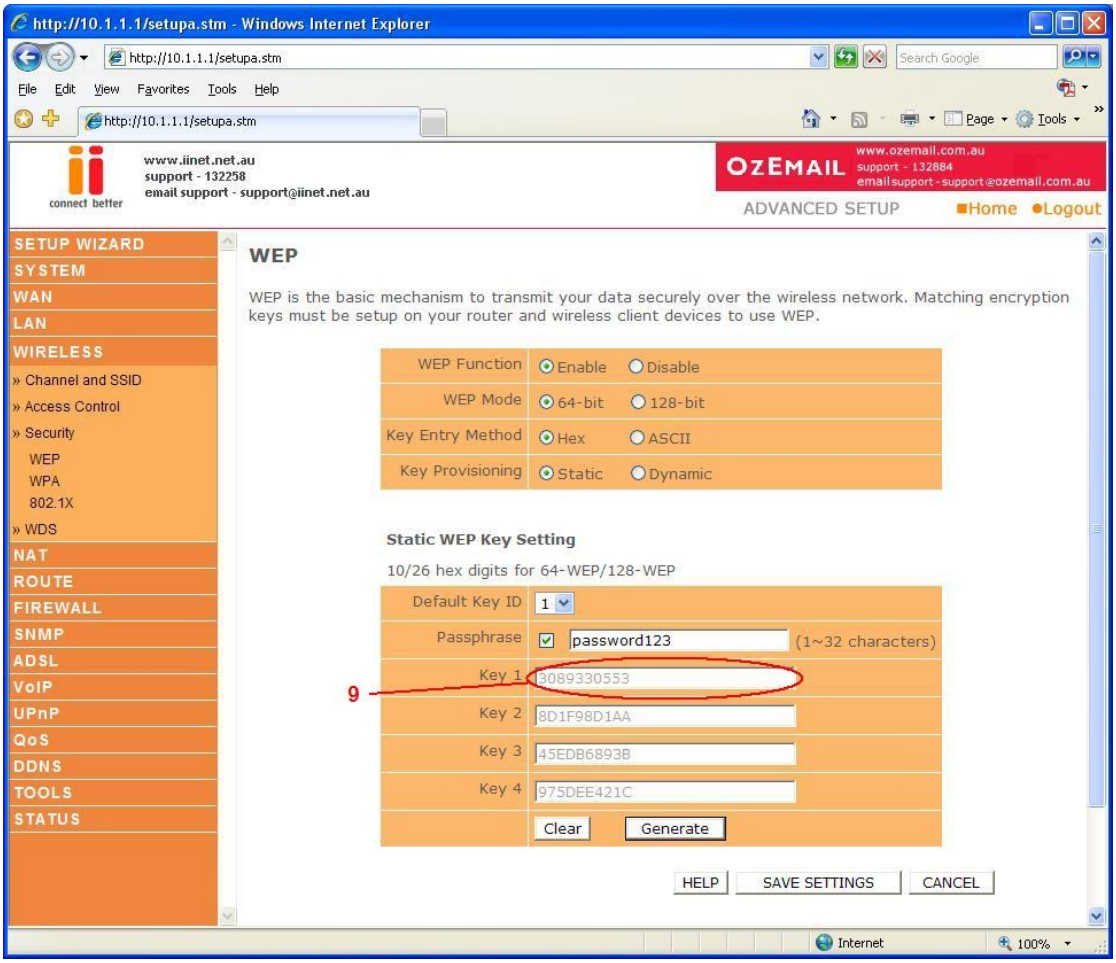
5) Place a **tick** in the **Passphrase** field

6) In the space provided in Passphrase, create a passphrase – this can be any combination of letters and numbers



7) Click **Save Settings**

8) Now click WEP again



9) Write down the characters in **Key 1 –** this is now your 'Network Key' or 'Encryption Key'
NB. There are ten (10) characters in total.

This is the 'key' that will be required to be entered on your wireless PC. When you setup your wireless adapter, it will ask you to type in a 'Network Key' or 'Encryption Key'.

10) 64 Bit WEP is now enabled.

Click here for information on how to connect to the Wireless Network.

128 Bit WEP:-

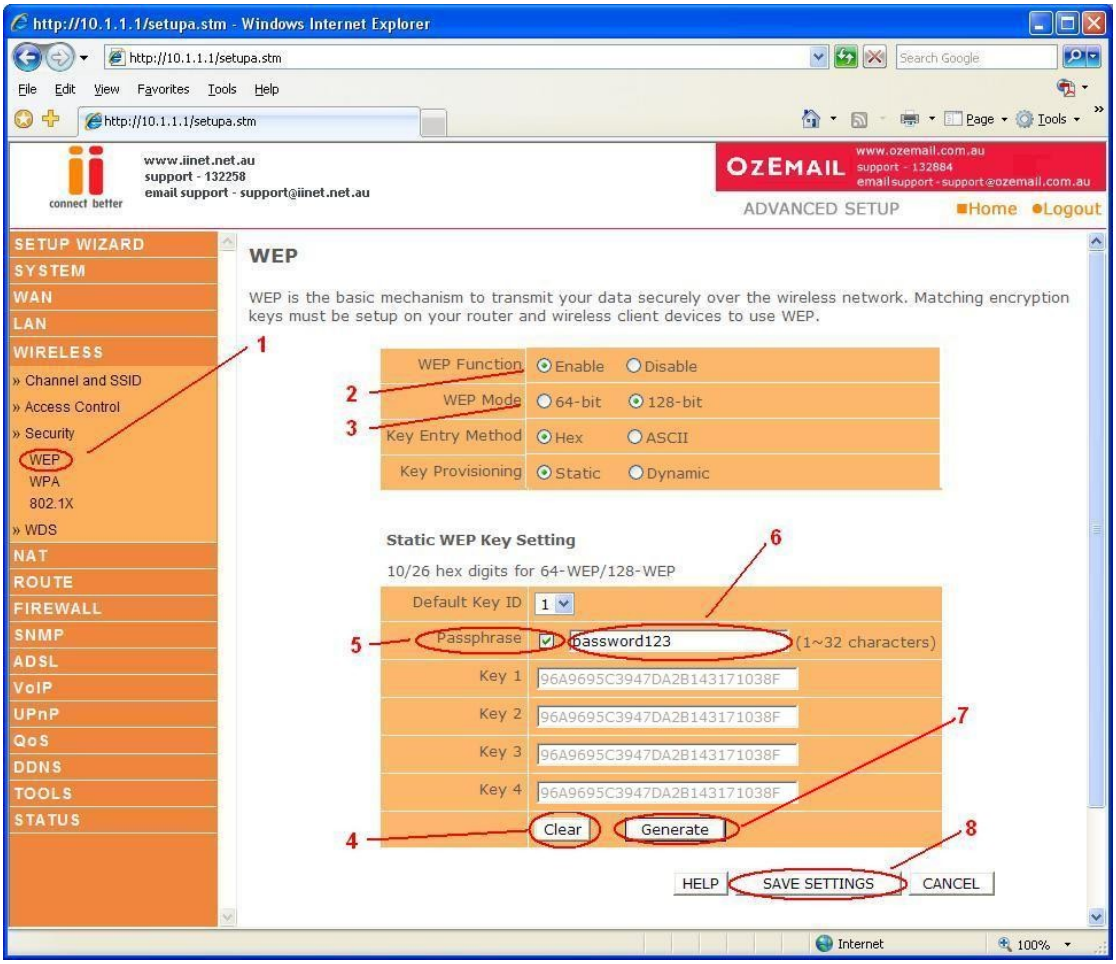
1) Under **Wireless** click **WEP**

2) Click **Enable** for **WEP Function**

3) Click **128 Bit** for **WEP Mode** leave all other settings as default

4) Under Key 4 field, click the **Clear** button

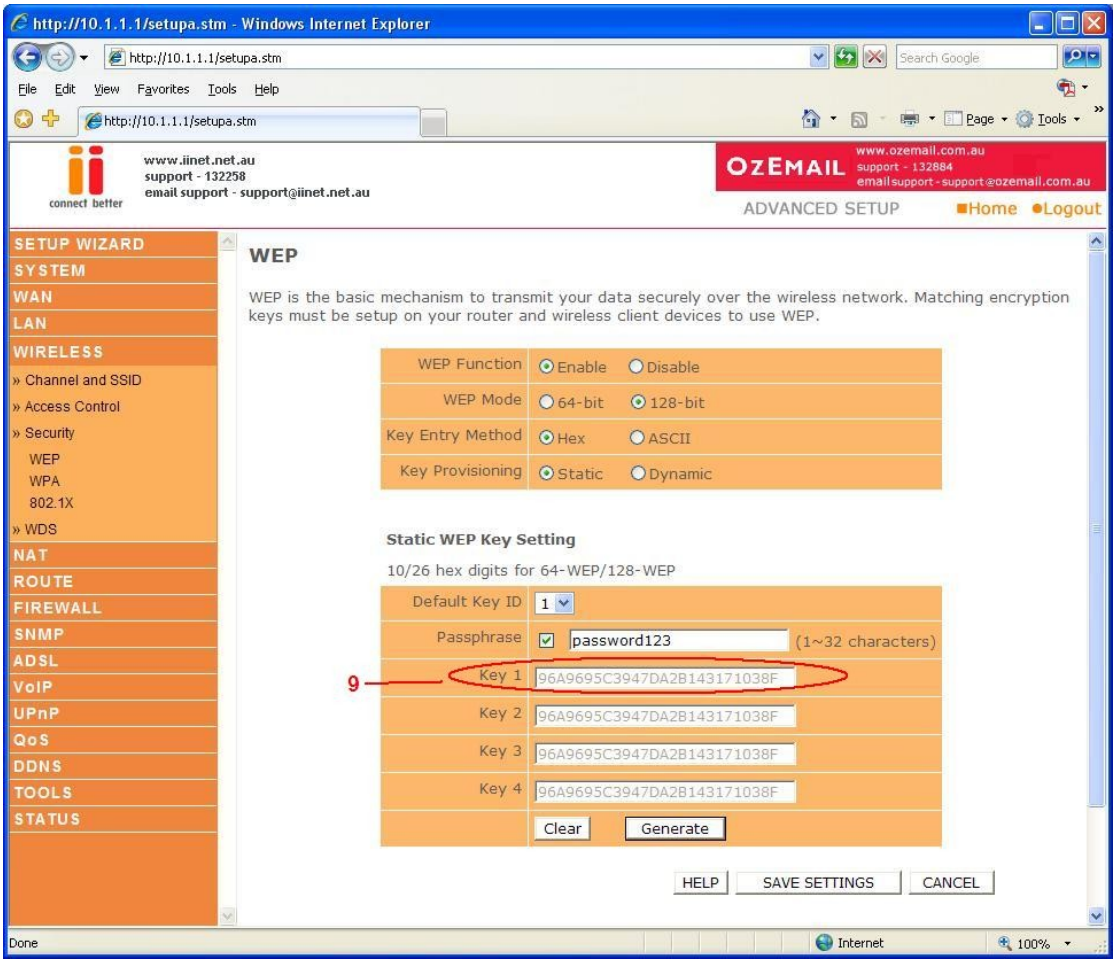
5) Place a **tick** in the **Passphrase** field



6) In the space provided in Passphrase, create a password – this can be any combination of letters and numbers

7) Click **Save Settings**

8) Now click WEP again



9) Write down the characters in **Key 1 –** this is now your 'Network Key' or 'Encryption Key'
NB. There are twenty six (26) characters in total.

This is the 'key' that will be required to be entered on your wireless PC. When you setup your wireless adapter, it will ask you to type in a 'Network Key' or 'Encryption Key'.

10) 128 Bit WEP is now enabled.

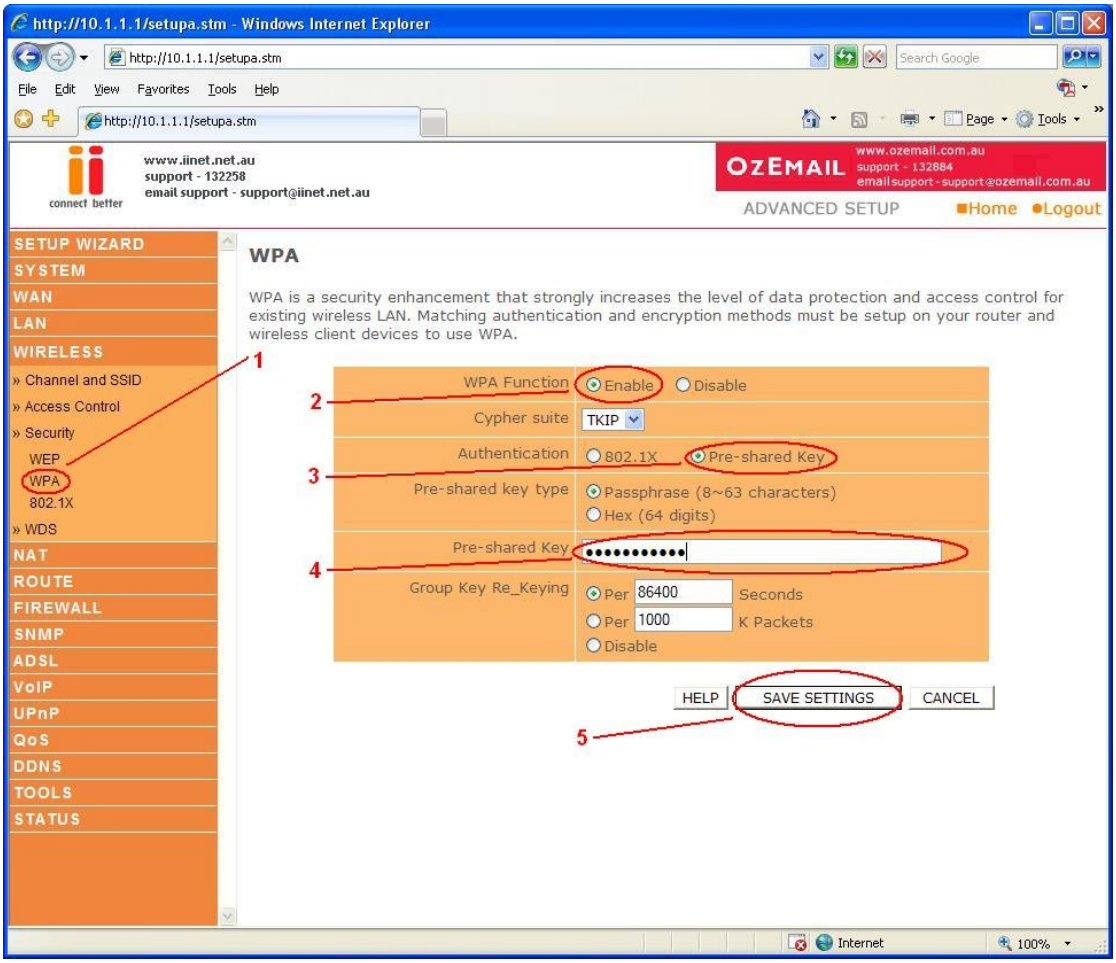
Click here for information on how to connect to the Wireless Network.

WPA:-

1) Under **Wireless** click **WPA**

2) Click **Enable** for **WPA Function**

3) Authentication is **Pre-Shared Key** – leave all other settings as default



4) In the space provided in Pre-shared Key, create a password – minimum of eight (8) characters, it can be any combination of numbers and letters

5) Click **Save Settings**

6) Now click WPA again

7) The password you created earlier is now your 'Network Key' or 'Encryption Key'. *This is the 'key' that will be required to be entered on your wireless PC.*

8) WPA is now enabled.

Click here for information on how to connect to the Wireless Network.

Connecting to the Wireless Network using Wireless Zero Configuration

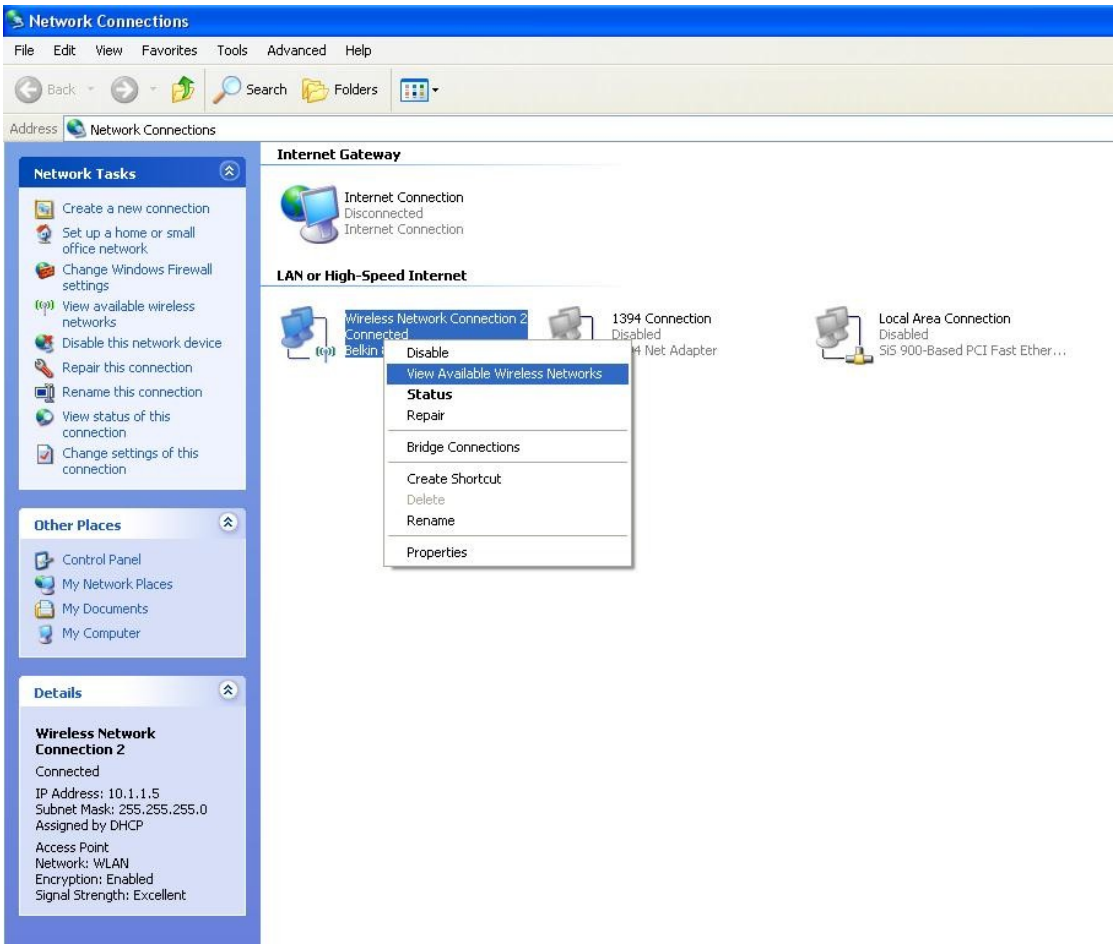
1) If you are using a laptop or notebook with a built in wireless connection, make sure the Wireless Switch and/or Wireless Button on your computer is turned on. (Please refer to the documentation which came with your computer for further details)

2) Open **Control Panel**, select **Network Connections.** (If you do not have Network Connections select **Network and Internet Connections**, then click **Network Connections.)**

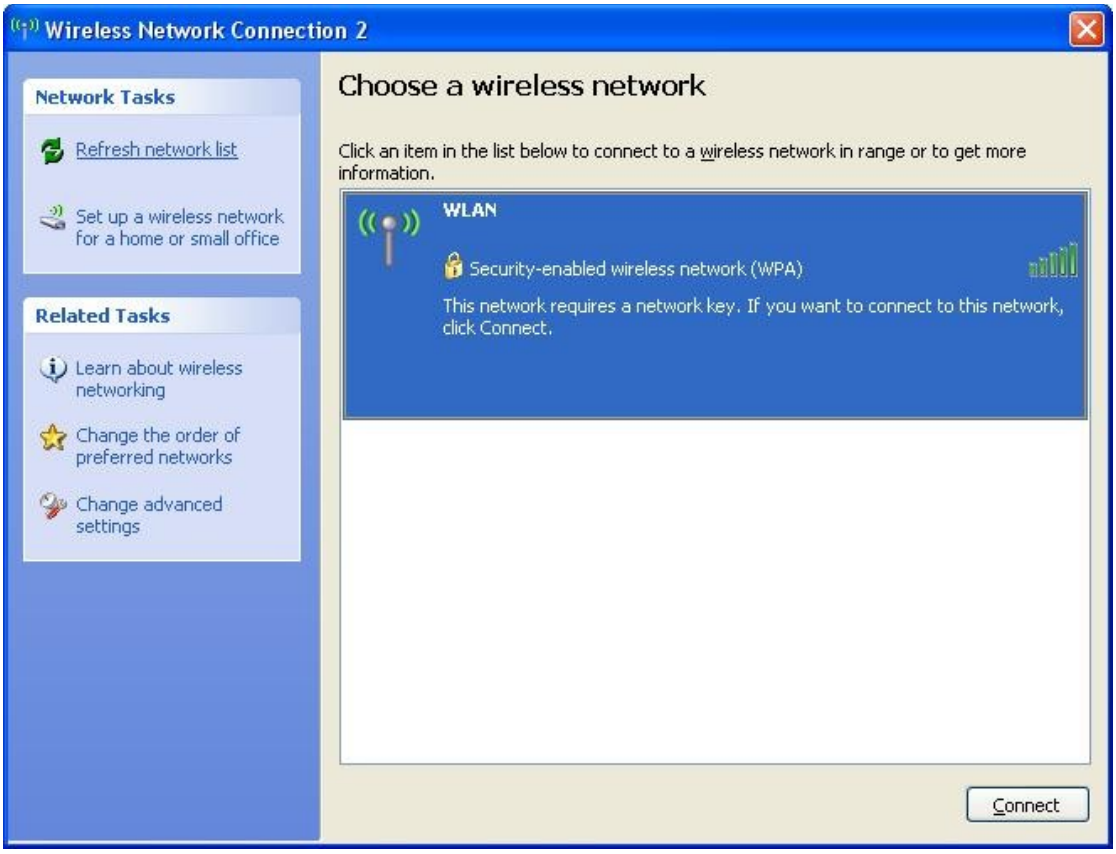
3) Right click on **Wireless Network Connection,** select **Properties**

4) Click **Wireless Networks**, make sure there is a tick in 'Use Windows to configure my wireless network settings' and click OK.

5) Right click on Wireless Network Connection again and select **View Available Wireless Networks**

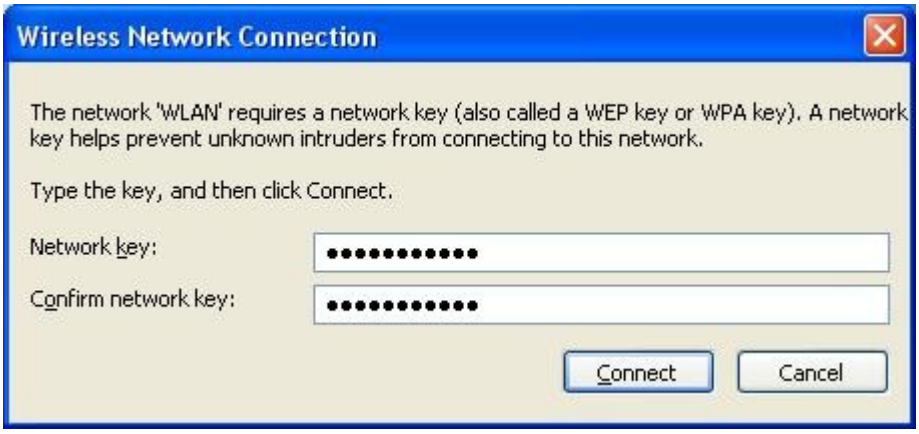


6) Select your network from the list and click **Connect**



7) **If you have encryption enabled –** it will prompt you to enter your Network Key. In the **Network Key** field type in the network key you wrote down when setting up encryption in the router.

8) Re-enter the key next to **Confirm Network Key** and click **Connect**.



9) You should now be connected to your wireless network.

For further assistance setting up non-Belkin wireless cards (including laptops with built-in wireless) you will need to contact the appropriate manufacturer. If you required further assistance with a Belkin Wireless Card, please contact Belkin Technical Support on 1800 BELKIN.
