MAC Address Filtering Setup

(RTA1025W Rev1)

MAC Address Filtering

MAC address filtering refers to the process of allowing (or denying) access to your wireless network based on the hardware address of the device attempting to connect.*

This Wireless MAC address is usually printed on the underside of the device you are attempting to allow (or deny) access to.

Ensure you are making any MAC address filtering configuration changes from an ethernet connected computer.

If you are not able to do this, remember to add the MAC address of the computer you are making the configuration changes from to the allowed access list.

You will lock yourself out of the wireless network if you do not and an ethernet connection will be required.

* - If supported by your model of modem / router.

Enabling MAC address filtering

This guide will take you through the process of enabling MAC address filtering.

1. Navigate to http://192.168.1.1 in a web browser.
2. Enter '**admin**' (without quotes) as both the **username** and **password** and click **Ok**.
3. Select **Wireless > Access Control**.
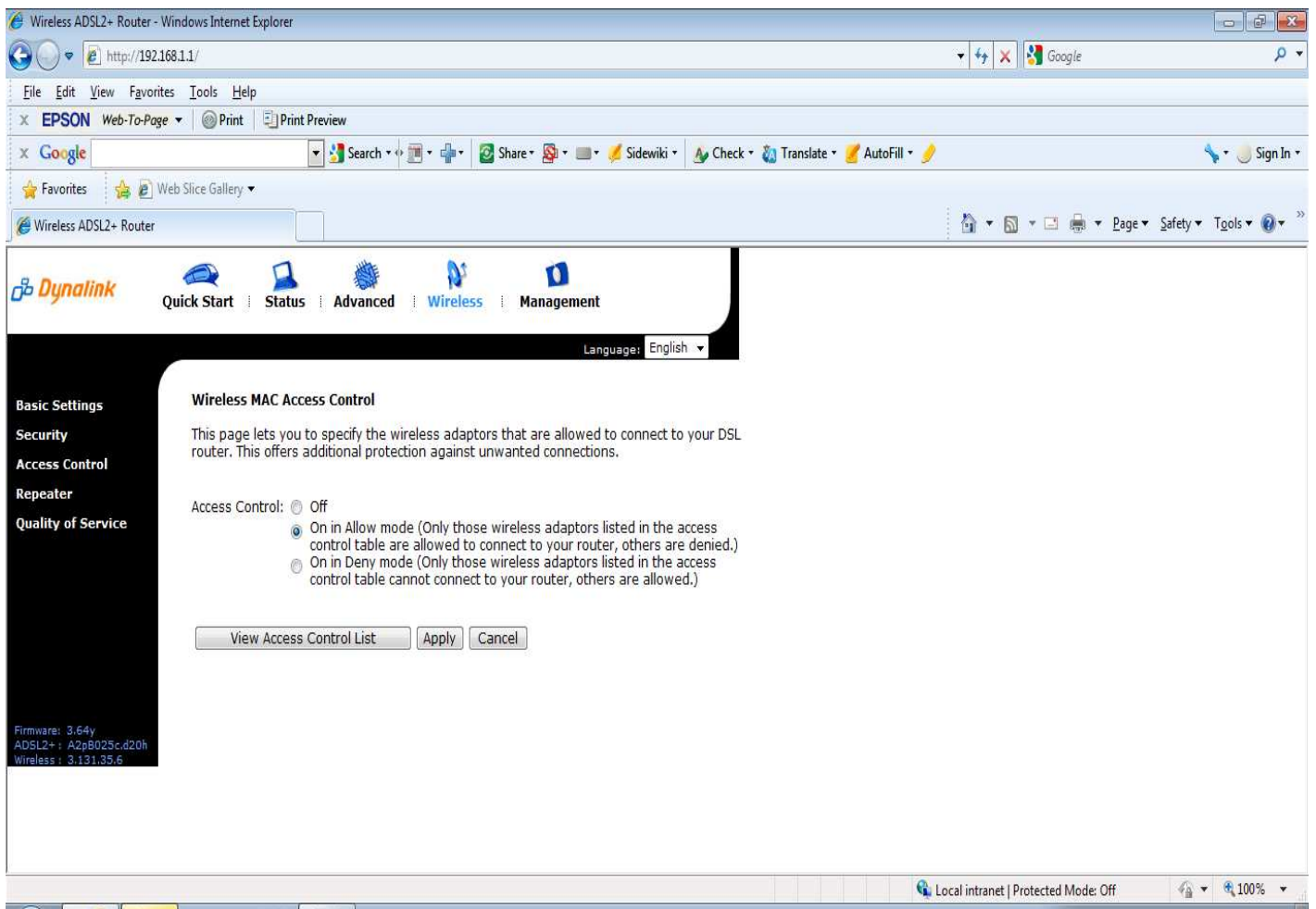
4. Set Access Control to On in Allow Mode if you wish to give wireless access to the RTA1025W (and the internet) to only those wireless adapters listed in the access control table. All other wireless adapters will be denied access. Set Access Control to On in Deny Mode is you wish to deny access to your RTA1025W (and to the internet) to those wireless adapters listed in the access control table. All other wireless adaptors will be allowed access.
In the example we are using Access Control is set to On in Allow Mode.

5. Select the View Access Control List button.
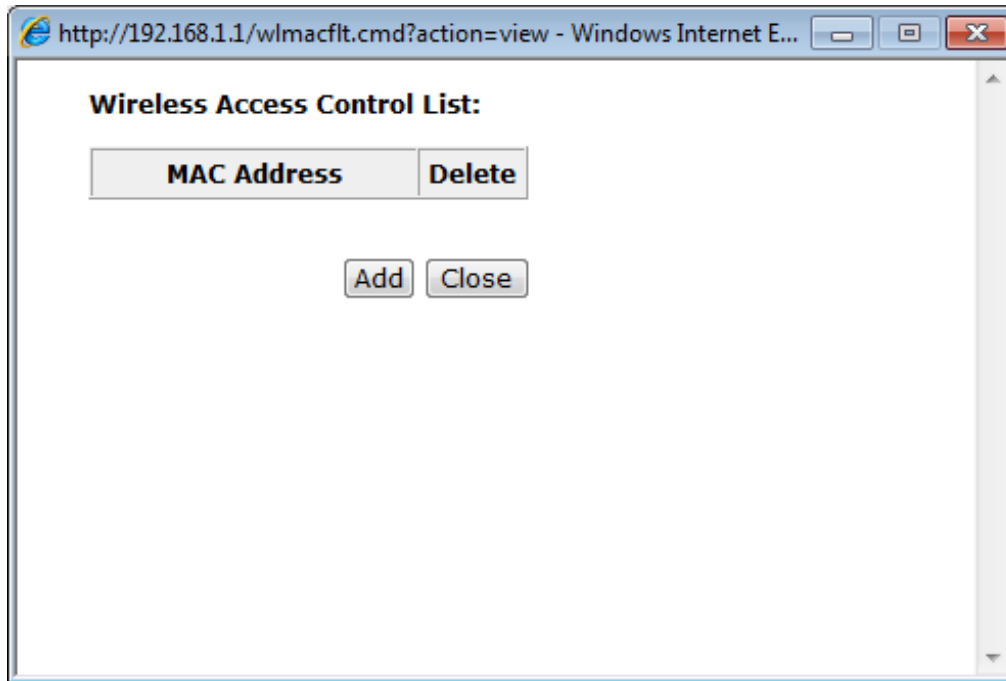
6. Press the Add button.
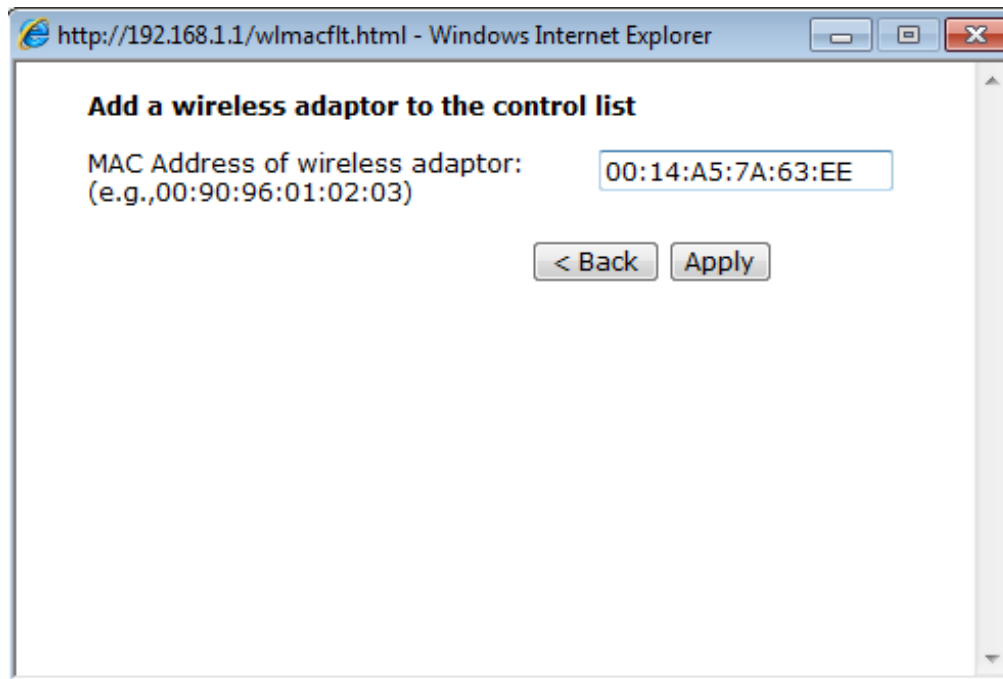
7. Enter the MAC address of your wireless network card of your computer / wireless device and press Apply. See step 10 for how to find the MAC address of a wireless network card of your computer.

8. The MAC address of the wireless card of your computer / wireless device will now be displayed as per the example below.
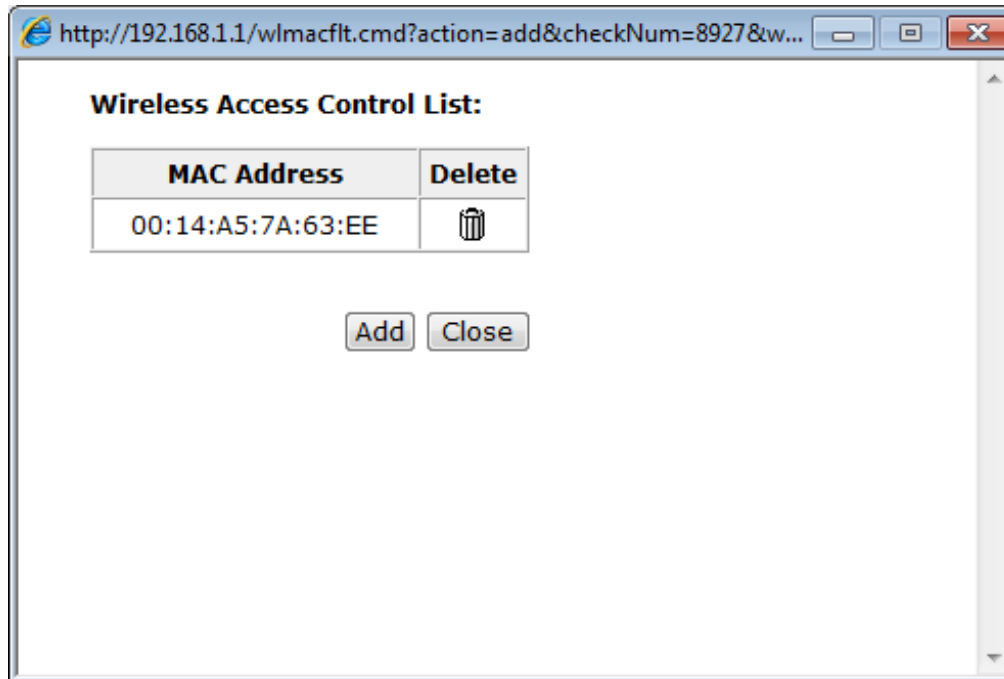
9. You will then need to repeat this process for any subsequent devices you want to allow to access your wireless network.

Finding the MAC Address of your Wireless Network Card

10. Select Start > All Programs > Accessories > Command prompt.

11. Type 'ipconfig /all' (without quotes) and press enter.

The physical address is the MAC address of the wireless network card on your computer.