MAC Address Filtering Setup
(RTA1025W Rev2)
**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.

Finding the MAC Address of your Computer's Wireless Network Card

1. To find the MAC address of the wireless network card of your computer open a command prompt. (Start > All Programs > Accessories > Command prompt)
2. Enter `ipconfig /all` (without quotes) and press Enter.

![Image of command prompt output]

The physical address of the Wireless Network Connection is the MAC address of your wireless network card.

4. Enter 'admin' as both the username and password and click Ok.

5. Select **Wireless > MAC Filter**.

![Wireless MAC Filter](image)

6. Set MAC Restrict Mode to **Allow** to give access to only those wireless adapters listed to the router, denying all others. Set MAC Restrict Mode to **deny** to stop all wireless adapters listed having access to the router, allowing all others.

7. Press the **Add** button.
8. Enter the MAC address of the wireless adapter you wish to allow or deny wireless access to the router.

9. Press the Save/Apply button.
10. The MAC address will be entered into the MAC filter table as the example below demonstrates.

You will then need to repeat this process for any subsequent devices you want to allow to access your wireless network.