MAC Address Filtering Setup
(NP801n)
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.
Enable MAC address filtering

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

1. Navigate to http://192.168.20.1 in a web browser using “admin” as both the username and password when prompted.
2. Select “Wireless” from the menu at the left hand side of the screen and then “Filter” from the sub-menu along the top of the screen as shown in the screenshot below.

3. Select the “Enable Wireless Access Control” tick box to enable Wireless Access Control.
4. Enter a Description for the device you wish to create a MAC filter rule for.
5. Enter the MAC address of the device you wish to create a MAC filter rule for.

   To find the MAC address of a wireless network card on-board your laptop or computer:
   • Select Start > All Programs > Accessories > Command Prompt.
   • Type ‘ipconfig /all’ (no quotes) and press enter.
   • Look for the physical address of the Wireless Network Connection. This is the MAC address of the wireless network card.

6. Press the Add button.
7. The successfully created MAC filter rule will be displayed in the "**MAC Address Filtering Table**" as shown in the screenshot below.

The Access Point features MAC Address Filtering for further wireless security. If configured, only authorized MAC Addresses will be allowed to associate with the Access Point.

<table>
<thead>
<tr>
<th>Description</th>
<th>MAC address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workplace Laptop</td>
<td>AA:00:BB:11:CC:22</td>
</tr>
</tbody>
</table>

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