

## Auto Carrier Selection

### Summary

This article provides an overview of the Auto Carrier Selection feature in the BEC 4G/LTE router with R15 module. Auto Carrier Selection allows a BEC 4G/LTE router to automatically flash the module firmware to the carrier of the SIM that is being used in the router. The Auto Carrier Selection configuration is shown. Available firmware for auto selection are AT&T, T-Mobile, Verizon, and Sprint.

### Configuration

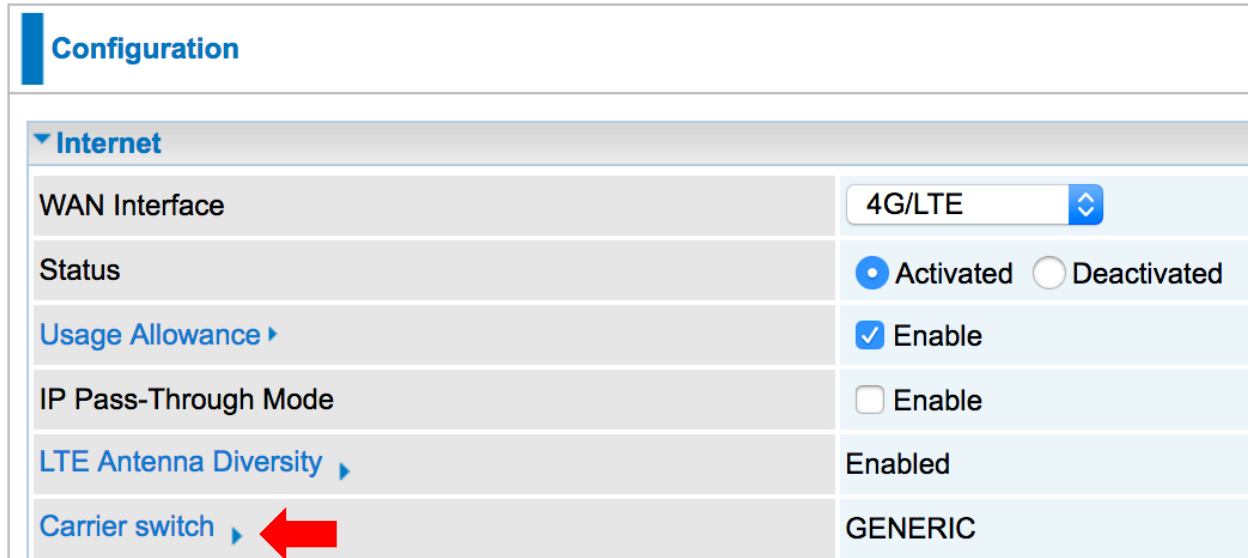
Step 1: Log into router's Web GUI page.

Step 2: Click on the **Configuration/ Interface Setup / Internet**.

Step 3: Select **4G/LTE** on the WAN Interface.

The screenshot displays the BEC 4G/LTE M2M Router Web GUI. The left sidebar shows the navigation menu with 'Configuration' selected, and 'Interface Setup' and 'Internet' highlighted with red arrows. The main content area shows the 'Internet' configuration page. The 'WAN Interface' dropdown is set to '4G/LTE', also highlighted with a red arrow. Other configuration options include 'Status' (Activated), 'Usage Allowance' (Enabled), 'IP Pass-Through Mode' (Disabled), 'LTE Antenna Diversity' (Enabled), 'Carrier switch' (GENERIC), 'LTE PCI Lock' (Disabled), 'Network Mode' (LTE Only), 'LTE Band' (Auto), 'PLMN Selection' (Operator Numeric, RAT, Scan), 'TEL No.' (\*99\*\*\*1#), 'Dual APN' (Single APN), 'APN', 'PDN Type' (IPv4), 'Authentication Protocol' (Disable), 'Username', and 'Password'. At the bottom right, there are 'Restart' and 'Logout' buttons. The footer contains the copyright notice: 'Copyright © BEC Technologies Inc. All rights reserved.'

Step 4: Click on **Carrier Switch**.

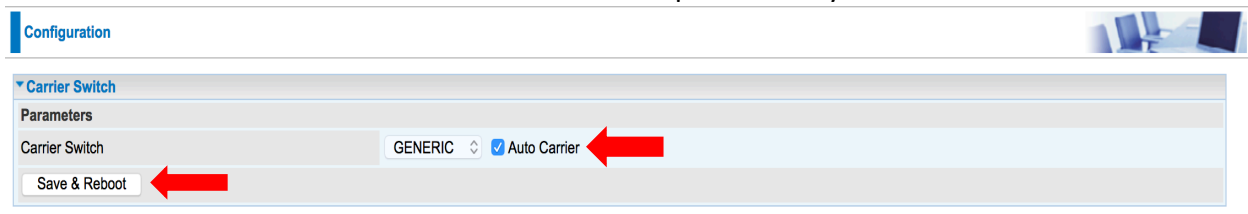


**Configuration**

▼ Internet

WAN Interface	4G/LTE
Status	<input checked="" type="radio"/> Activated <input type="radio"/> Deactivated
Usage Allowance ▶	<input checked="" type="checkbox"/> Enable
IP Pass-Through Mode	<input type="checkbox"/> Enable
LTE Antenna Diversity ▶	Enabled
Carrier switch ▶	GENERIC

Step 5: In the Carrier Switch, select the “Auto Carrier” and it will automatically switch firmware based on the inserted SIM. There is also a Generic option for any other carrier.



**Configuration**

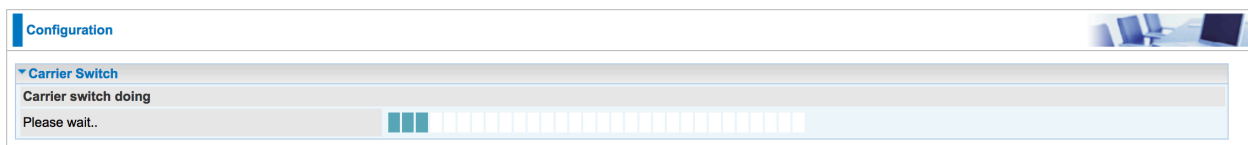
▼ Carrier Switch

Parameters

Carrier Switch: GENERIC  Auto Carrier

Save & Reboot

Step 6: Click on **Save & Reboot** in this menu the system will begin to flash, wait for this to complete and then the router should begin connecting to the new carrier.



**Configuration**

▼ Carrier Switch

Carrier switch doing

Please wait..

## Troubleshooting

Make sure the router is with R15 module.

If the router does not automatically flashing, make sure the “Auto Carrier” is checked for the Carrier Switch.