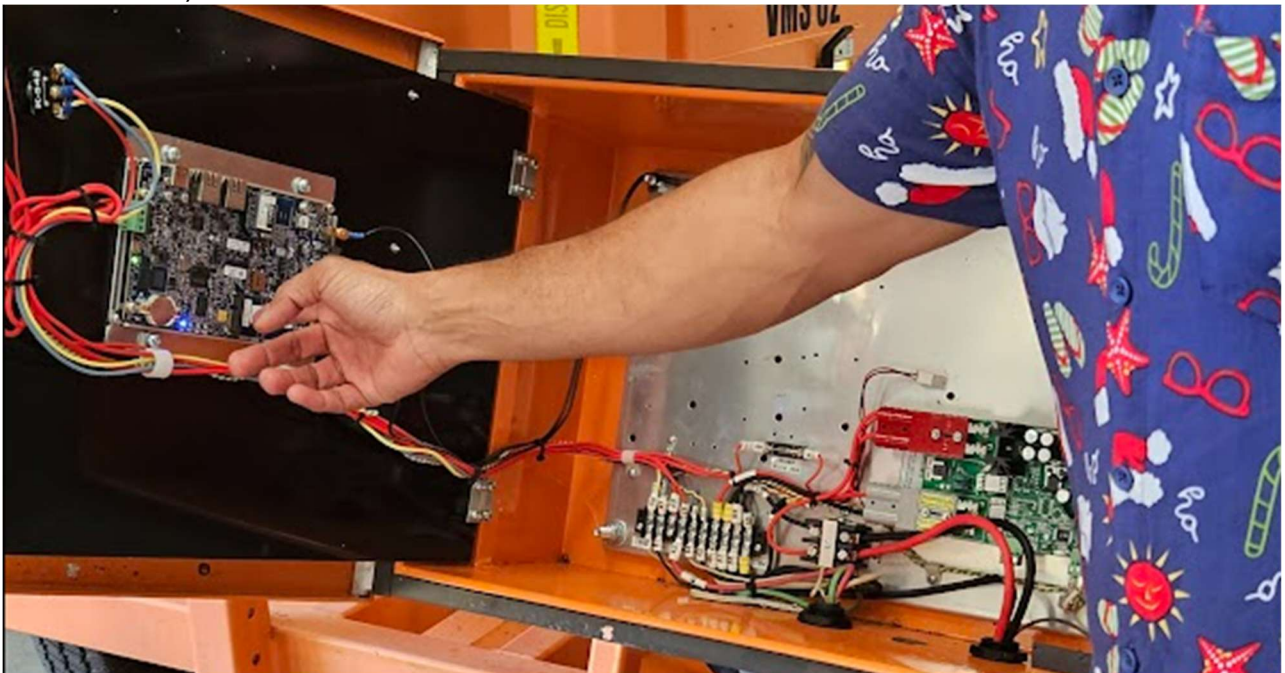


## Static IP Change Over Stage 1: Embedded Modems - User Guide (Sept 2025)

### Ver-Mac VMS Trailer Communication Update: VPN to Static IP changeover.

VERMAC in Canada is transitioning away from the Virtual Private Network (VPN) setup currently used for Ver-Mac VMS trailers in New Zealand. The following Work Instruction outlines both types of embedded modems (V1 and V2) and the steps required to re-configure them for a static IP data sim.

The image below indicates a trailer with an embedded modem (situated on the back of the touch screen):



### Upgrade Process:

- Purchase a public static IP data SIM card (we recommend 2Degrees based on our testing). Ensure you select a minimum 50MB monthly data plan per trailer
- Insert the new sim into the sim slot of the embedded modem (see next page).
- Follow steps to change settings using the touch screen controller (see process)
- Contact our support team [services@rtl.co.nz](mailto:services@rtl.co.nz) to verify connectivity

**Notes: This work instruction is only for Ver-mac Trailers that have a Touchscreen with Embedded Modem.**

*User Guide V1.0*

Auckland  
Wellington  
Christchurch  
Invercargill

#### **RTL Auckland**

31 Maurice Road, Penrose,  
Auckland 1061, New Zealand  
P O Box 1411, Panmure, Auckland

P +64 9 259 2600  
E [sales@rtl.co.nz](mailto:sales@rtl.co.nz)

**0800 785 744**    [rtl.co.nz](http://rtl.co.nz)

## Embedded Modem Types – Version 1 & Version 2:

1. Unlock the trailer control cabinet (keys required)
2. Turn black knob & open front cover
3. Insert the sim into modem (see below)
4. Close black cover & power on trailer
5. Log in using your password



Fig.1&2

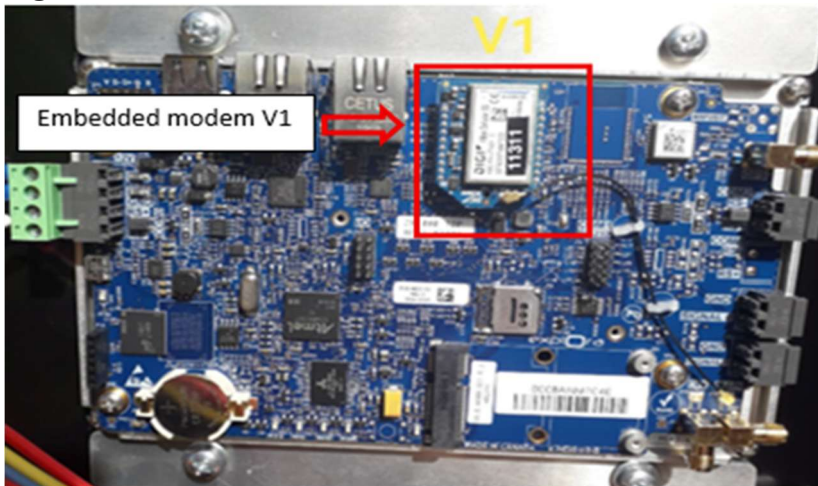


Fig.1 – Version 1

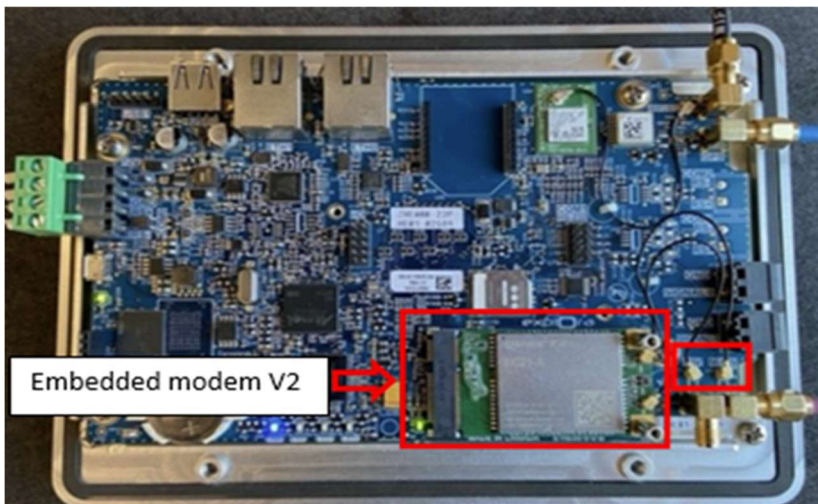


Fig.2 – Version 2

### **Do you have an external Modem (WR21 or WR32)?**

Please note, the update for VMS with external modems will be released in stage two of the roll out.  
If you have a trailer with an external modem, please reach out to our team – [services@rtl.co.nz](mailto:services@rtl.co.nz)



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P O Box 1411, Panmure, Auckland

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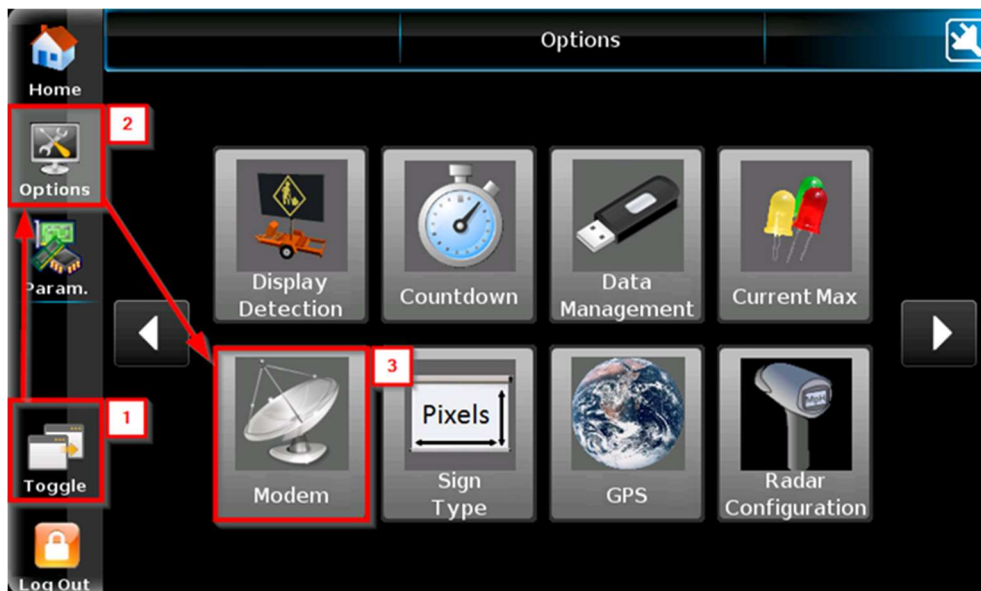
0800 785 744 [rtl.co.nz](http://rtl.co.nz)

## STATIC IP EMBEDDED MODEM CONFIGURATION instructions

### Introduction:

These are the steps for migrating dynamic to static IP data sims. Once you have inserted the new sim card, follow the steps below. Settings are done on the touch controller.

- **Fig.3** - On the Home Screen Select **Toggle** (1) > **Options** (2) > **Modem** (3)



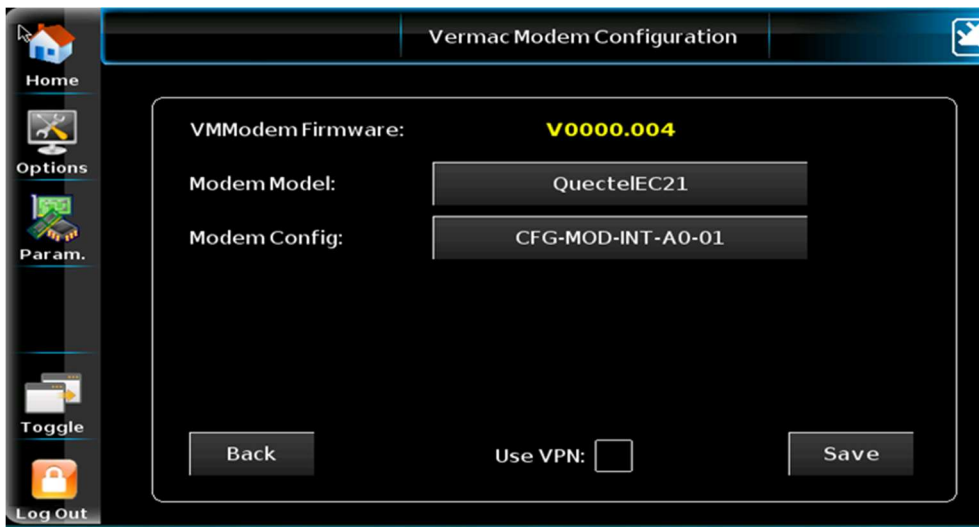
**Fig.3**

- **Fig.4** - In the modem settings select **Configuration**



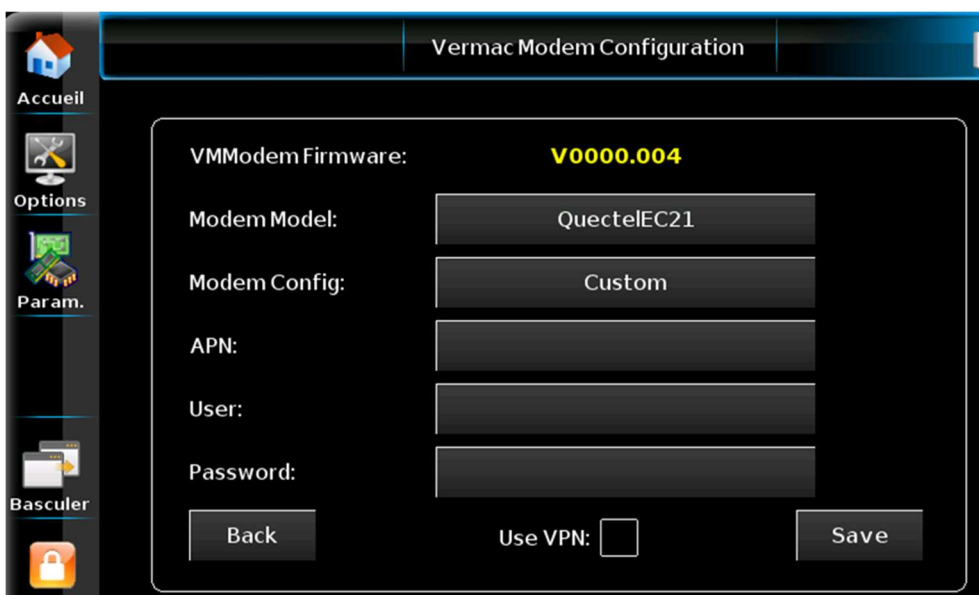
**Fig.4**

- **Fig.5** - In Configuration select Modem Config. > select CUTSOM (First selection on the top of the Menu)



**Fig.5**

- **Fig.6** - Uncheck the Use VPN check box > Manually insert the APN (This is provided by the Public Static SIM provider)



**Fig.6**



- **Fig.7** – Select APN, **2DCORPORATE**, for 2Degrees public static data SIM > Save



VModem Firmware: **V0000.004**

Modem Model: QuectelEC21

Modem Config: Custom

APN: 2DCORPORATE

User:

Password:

Back Use VPN: ☐ Save

**Fig.7**

### Final Step - Verifying Connection (via RTL)

To verify connectivity, contact our support team [services@rtl.co.nz](mailto:services@rtl.co.nz) (once both the new Static IP data sim card has been inserted AND the software changes have been made). Trailer should also be accessible via your Jamlogic Software.

### Additional Support:

We understand that changes to your equipment require coordination and planning. RTL is committed to making this transition as smooth as possible:

1. Technical support available on **Book a Service** or [services@rtl.co.nz](mailto:services@rtl.co.nz)
2. Step-by-step guidance for SIM setup and configuration
3. Verification assistance to ensure your trailer is properly connected

We look forward to partnering with you on this update.

Safety and service remain our foundational commitments, and this update supports both by ensuring the continued reliability of your traffic management equipment.

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