

## RuggedVPN Firmware Release 2023032070/2023082450 for Viprinet and Wantastic products; October 2023



The focus of this firmware release is improving support for Multi-SIM functionality on all products that have more than one SIM slot per modem, and a couple of improvements for all products supporting 5G.

### Important pre-installation instructions:

- **Protect the Elderly:** Very old routers (6+ years), especially Multichannel VPN Router 300 units that have been operated at sub-optimal temperature ranges often will have a faulty/very aged flash memory, and sometimes drained batteries or capacitors. Quite often they still work absolutely normally, but as soon as the flash is written, it fails. For those old routers installing this firmware update may cause the flash to finally die, with the router no longer starting.

Therefore when updating those routers, please take extra care. Make sure you have taken a config backup, and have a replacement device in case something goes wrong.

Please consider retiring old 300 Routers soon. Our VLM Support system allows you for very cost-efficient upgrades to the current 310 model.

- This firmware release is backward-compatible to old releases, including the ones from back in 2018. This means you can first upgrade the Hub, and then upgrade the Node router at a later point. Please note however that all performance enhancements will only be seen once both sides are updated.

## **Changes compared to the May 2023 (2023032070/2023043050) Release**

### **Improvements and new features**

- SIM detection on products that support multiple SIMs is now much faster.

### **Bug fixes**

- The 5G modules could cause internal errors when connected to certain “5G Stand-Alone” networks.
- The “Online” LEDs on the Toughlink router series under circumstances did not work with the previous stable firmware release.
- Depending on the combination of 5G v1 and v2 modules in modular routers, the list of SIM slots could get completely garbled, with SIM slot configuration missing on some modules.