Firmware and hardware compatibility

With the move to Hardware revision 3, a new generation of firmware is required. This is applicable to all xRDs (BRD-355A/B, MRD-405, MRD-415, MRD-455). Hardware of revision 3 requires firmware of version 1.9.0.0 or higher. Meanwhile hardware of revision 1 and 2 can only run on the 1.8.0.0 branch and older, see table below for reference.

All hardware revision 1, 2 & 3 are compatible with Ver 1.9.5.0. There are separate versions of 1.9.5.0 for Rev 1&2 and Rev 3. Loadin the incorrect version will not cause an issue. If the wrong version is installed, the update process will abort without corrupting the device.

All Rev 1 & 2 hardware devices will first need to be brought up to 1.8.8.9 before update the to 1.9.5.0

It **is **IMPORTANT** NOT to power cycle the device** when updating the firmware before it has completed the update. Allow up to **15 minutes** for the update to complete. The LED will alternately flash during the procedure, once the update process is complete the device will reboot, and LEDs will return to their normal state. Prematurely power cycling will almost certainly result in a bricked unit that will require a return to factory to rectify. Power cycling before the upgrade has completed This is not covered by the warranty.

Model	Serial Number	Hardware revision	MRD-405-REV 1 1.8.9 Rev 1	1.8.8.9	1.9.0.0 - 1.9.4.0	1.9.5.0
BRD-355A/B	≤03424	1.0 & 2.0		✓	✗	✓
	≥03425	3.0		✗	✓	✓
MRD-405	100-1999	1.0	✓	✗	✗	✓
	2000-11324	2.0		✓	✗	✓
	≥11325	3.0		✗	✓	✓
MRD-415	≤00949	1.0		✓	✗	✓
	≥00950	3.0		✗	✓	✓
MRD-455	≤23424	1.0 & 2.0		✓	✗	✓
	≥23425	3.0		✗	✓	✓

Firmware versions from branches 1.8.0.0 and 1.9.0.0 are both available for download. To avoid issues during the upgrade procedure, make sure to use the correct version. There are multiple ways to identify which HW revision your device is, see FAQ below. For any questions regarding the applicable

firmware versions, please refer to the FAQ below. If that fails, your local Westermo team is always ready to help.

Note:

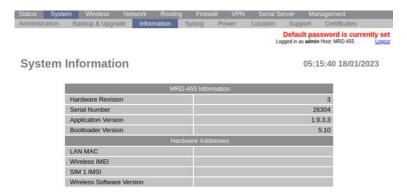- Due to hardware limitation MRD-405 Rev1 Serial number 100-1999 has a specific version MRD-405-1.8.8.9 Rev1.

FAQ

How do I know what hardware revision I have?

- On the product label on the side or back of your product there is both the serial number and model name. The serial number can be used together with the matrix above to identify hardware revision. Model name includes a hardware revision for revision 2.0 and 3.0 units. Rev 1 devices do not have a revision level.
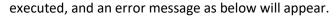

- In the Web-interface, browse to System → Information. On screen you can see information about your device, including the hardware revision and serial number that can be referenced with the matrix above.
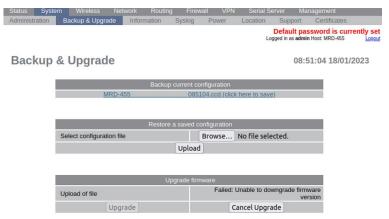

What happens if I use the wrong firmware?

- The upgrade process is split into two parts, first you upload the firmware image file to the unit, then you execute the upgrade. If an incorrect image file is used, the upgrade cannot be

executed, and an error message as below will appear.

I have an older model, which firmware version can I use?

- The MRD-3x5 and ADSL-350 models are not supported on the 1.9.0.0 firmware branch. Use firmware from the 1.8.0.0 branch.