

## BlueHID: Upgrading from firmware 1.3 or below.

Firmware versions 1.3 or lower have an issue whereby the stored pairing keys are not cleared when switching into firmware upgrade mode which causes a security error on the host system because a different device (the Loader device) is appearing to have the same keys as the standard device. This is corrected in version 1.4

To upgrade from versions 1.3 or lower, the following procedure needs to be followed. This assumes Windows 7 with a CSR dongle.

1. Ensure the BlueHID is powered off and has no residual power.
2. Open Device Manager, and find the "Bluetooth Radios" entry and then the "CSR Bluetooth Radio" under this. Right click and "uninstall" this device. Do not check the "remove drivers" check box.
3. At the top of Device Manager, click on "Scan for new hardware".

At this point the keys for the BlueHID are deleted.

Perform the following steps 4-6 without any pause as all must be completed before the BlueHID stores its pairing keys which happens approx. 30 seconds after pairing.

- 4 Power up the board, and on the PC search for Bluetooth devices. Pair with the board.
- 5 Run the U-Config software and select "File, upgrade firmware".
- 6 Go back to the Bluetooth device search screen and search again. The "Loader" device should be found. Pair with this device.

By now, the BlueUpload program should have started and this should find the loader device. If it has not found it, click on "rescan". The firmware file can be opened and loaded to the board from this program.