## Update both Software and Firmware (Hardware)

Similar to all software, Timing Solutions is continually updating our applications and firmware so please follow the instructions and prompts below to start the update process.

**Firmware/Hardware Update**

- Firstly, please ensure you have internet access and access to power.
- Ensure you have new AA batteries on hand prior to the Firmware/Hardware update (RaceHQ will alert you if gate batteries are low, and if so, the batteries need to be replaced otherwise the gate firmware will not be updated). "

Once the laptop and full RaceHQ Software update process has been completed, use the laptop to then do the firmware (hardware) updates - see video (RaceHQ Timing Software) for assistance.

1. Start with the Hub, then the
2. Start Device, then
3. All the Gates

If doing practice races the same day as the Firmware/Hardware update, please restart the laptop and hardware (Start Device and Gates) post the updates and prior to the trial races.

**Issues updating firmware?**

Please note: if your gates are constantly beeping when trying to update, these gates may be the older version and may require a slightly different update - click here for details

PLEASE NOTE: If you would like Timing Solutions to future proof your gates (particularly the older ones) please contact us a minimum of a month prior to Day 1 and we can discuss shipping gates back to us for a basic service.

**Optional Upgrades:**

If you are interested in upgrading your hardware to be even more robust and environmentally friendly - see the below options.

- PVC to Aluminium - overall a stronger material.

- Lipo - USB rechargeable battery.

- Solar / Lipo - can use either natural sunlight or USB to recharge your battery.