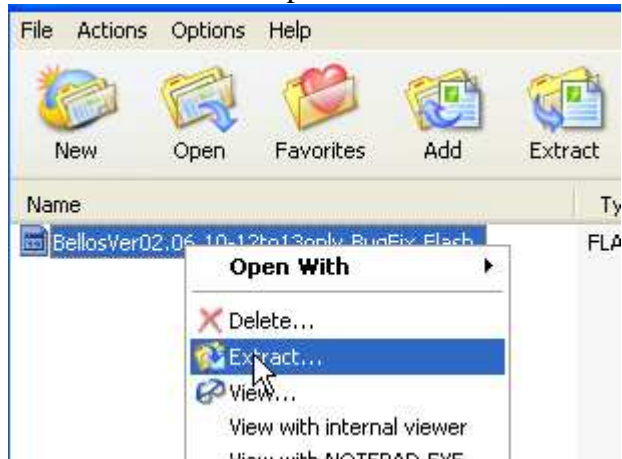


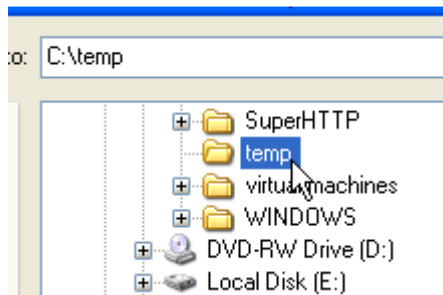
## How to Upgrade BellMinder Firmware.

First download the Firmware Upgrade file from the BellMinder Website under the “Downloads” menu. Please select carefully as if the wrong version is loaded in the wrong hardware the BellMinder will stop working. You will need to contact us for the correct version to reapply.

The Upgrade file will be compressed using Winzip. You will need to unzip the file before the firmware can be uploaded into the BellMinder Controller.

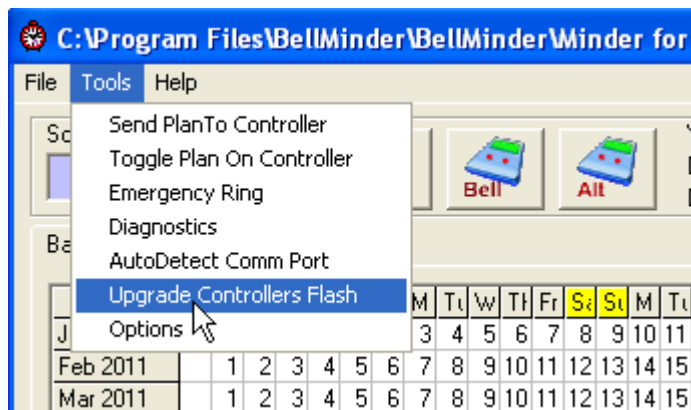


Un-zip the file and store the file in a folder that you can access, or even a USB memory stick etc.

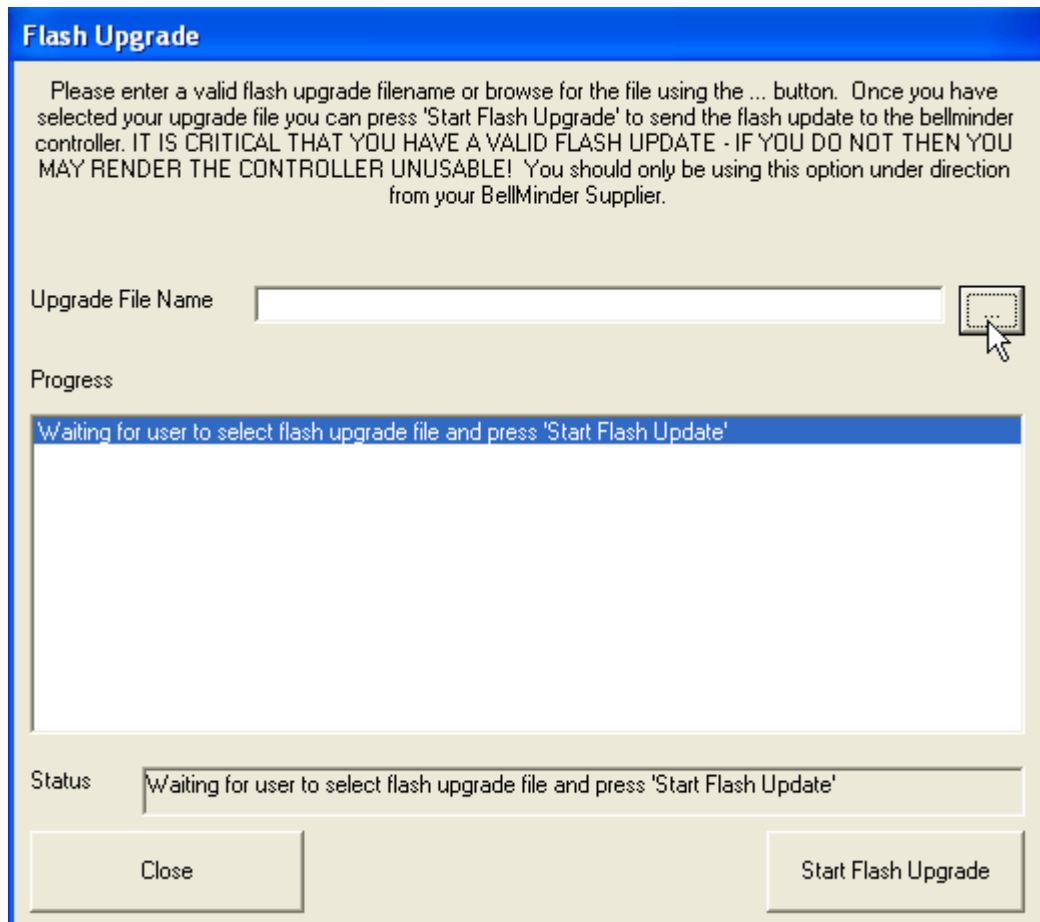


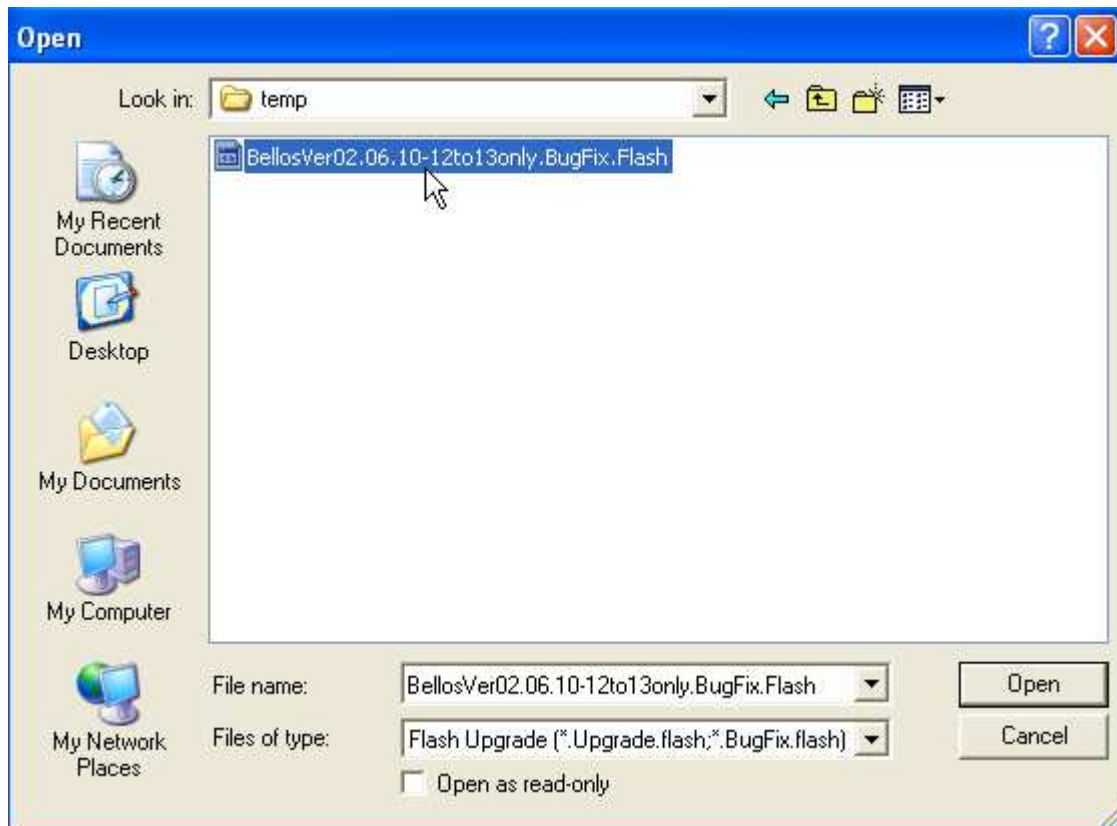
Please ensure the BellMinder is connected to your PC. I.e the PC must be connected to transfer the new firmware program.

Open the BellMinder software, and select the Tools then Upgrade Controllers Flash, as below.



Click on the "..." button to select the un-zipped Firmware file which you downloaded from the web. See below.

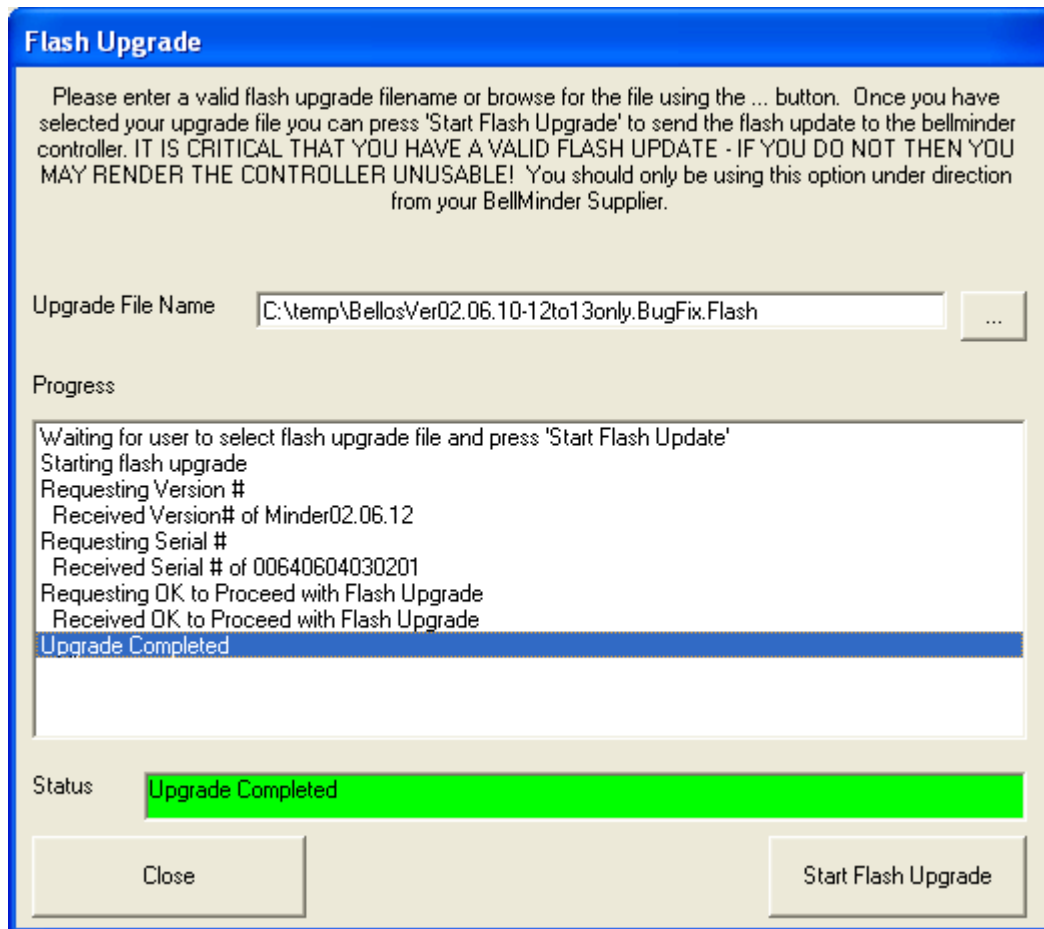




Then click Open.

Warning, Do not switch off the controller while the upgrade is in progress.

Now click the “Start Flash Upgrade”



The Controller will beep twice to signal a successful upgrade. It will then reboot itself.

Click Close

The schedule a time will remain unchanged. But it would be good to SEND the schedule anyway to make sure.

**All done.**

If the Power is lost during the upgrade or the upgrade was incomplete, there is still a way to program the controller.

Step 1. Power off the BellMinder controller

Step 2. Hold down the ALT button while Powering on the Controller. It will beep two long beeps, and no display. It is now ready to send the Upgrade file.