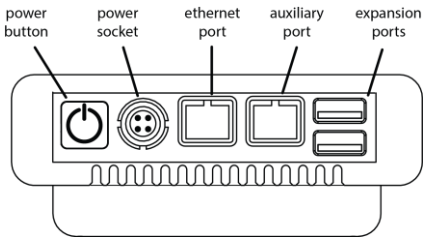
GRAPEVINE PROCESSOR SOFTWARE UPDATE PROCEDURE

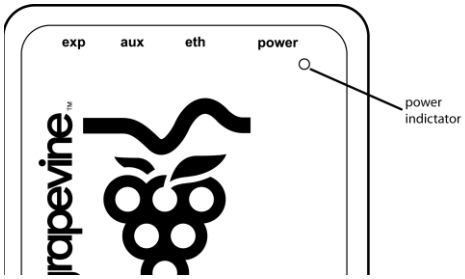
You will need:

1. One empty USB Flash Drive formatted in FAT32
2. Update File from Ripple – sent via email or FTP link

Carefully follow these steps to update your NIP:

1. Copy the Update File onto an empty USB flash drive (***formatted in FAT32 only***) into the root folder. Do not create any sub-folders. Make sure no other files are on the drive.
   - *NOTE: Do NOT plug the USB flash drive into the NIP until Step 4.*
2. Connect the NIP to power. The NIP will automatically start.
3. After the NIP starts, press the power button. The NIP will go into standby mode, indicated by a blue light. (For Scout Processors, the status light is just above the power button)





4. When the light is blue, plug the USB flash drive into one of the NIP's expansion ports.
5. Press the power button again on the NIP.
   - The power/status indicator light should turn yellow as the NIP starts up.
   - In a few seconds, the power/status indicator light should then turn purple and hold for a few minutes, but no more than five).
   IMPORTANT! Make sure that the processor does not lose power while the purple light is on.
   Note: If the processor does not go through this process and starts up normally (light turns green), it may be because the USB drive was formatted using a Mac machine. Reformat the USB drive with Windows and start this procedure over from step 1.
6. The NIP should return to standby mode, indicated by a blue light, confirming that the update is complete.
7. Remove the USB flash drive.
8. ***IMPORTANT! Unplug the NIP from power for 10 seconds, then reconnect.***

The NIP software should now be updated. This can be verified by following the steps in Appendix B of the User Manual.

After you have updated your processor, your Trellis software should also be updated to the same version. See http://rippleneuro.com/downloads or contact Ripple support.