

# ProCore<sup>™</sup> & ProCore Edge<sup>™</sup> Software Loading Instructions Using PilotTerm



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**Foreword:**

This procedure describes how to install the main application software onto the ProCore™ and the ProCore Edge™ system board. This is done using a PC connected via a USB port.

Firmware can also be loaded using a smart phone connect via Bluetooth. For the smart phone procedure, see PLMS Part Number 25129-11 or iOS devices and Part Number 25130-11 for Android devices.

Please note that this procedure relies on the Bootloader SW supporting Webasto Slip protocol. ProCore was released with bootloader version 1.018 which supports Webasto Slip.

**Definitions:**

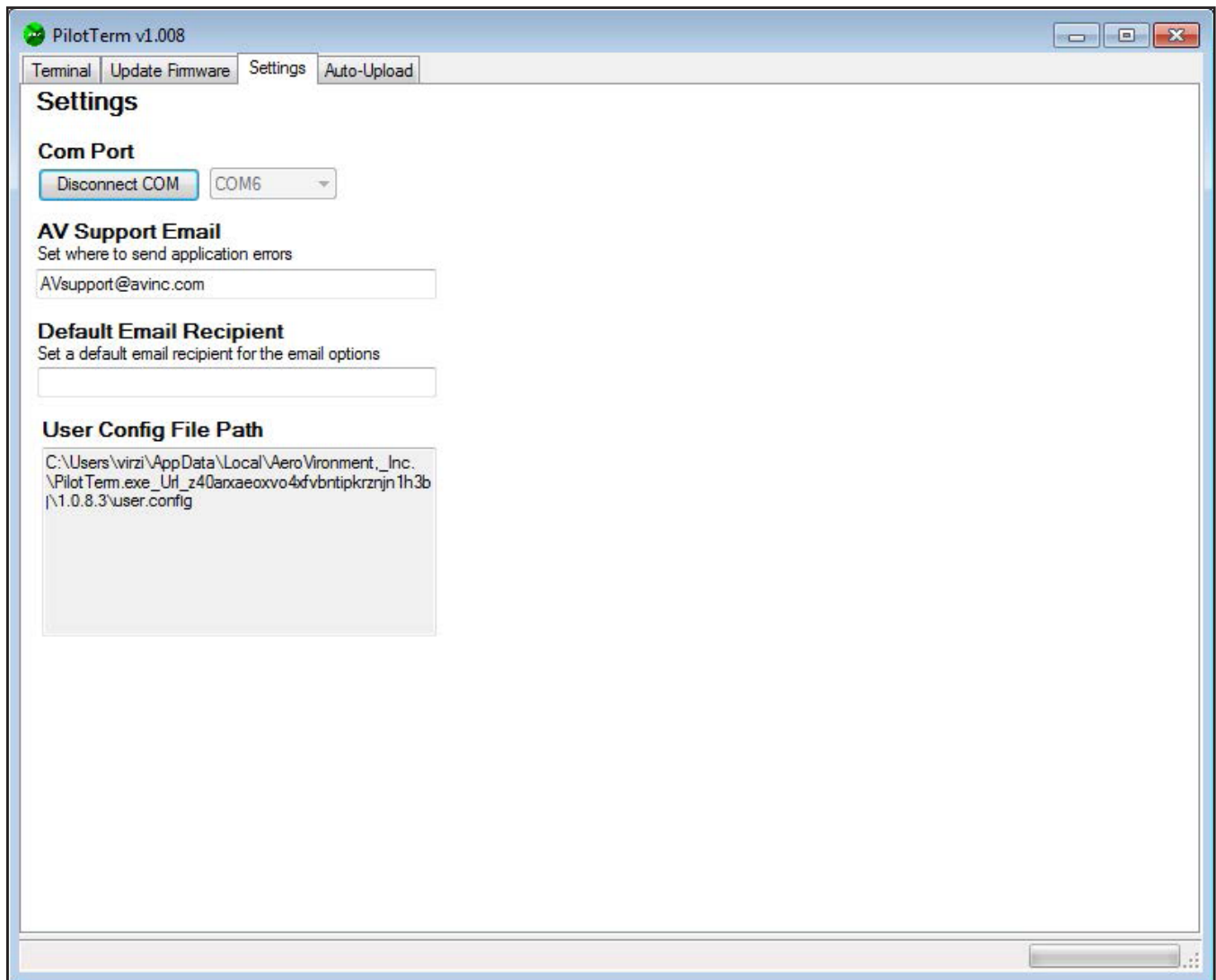
<b>ProCore Charger and ProCore Edge</b>	Industrial charger
<b>LCD Screen</b>	The graphical interface located on the front of the ProCore or ProCore Edge charger.
<b>System Board</b>	The PCB located inside the ProCore or ProCore Edge charger which controls the LCD screen, stack lights, and power output.
<b>USB</b>	Universal Serial Bus – a USB connector is located on the side of the unit.
<b>PilotTerm</b>	A Windows™ application that communicates with the ProCore or ProCore Edge charger via the USB port.
<b>AVB File</b>	A loadable binary application file – this refers to the -11 main applications loaded using PilotTerm, and it has an extension of <b>.avb</b> .

**Required Equipment:**

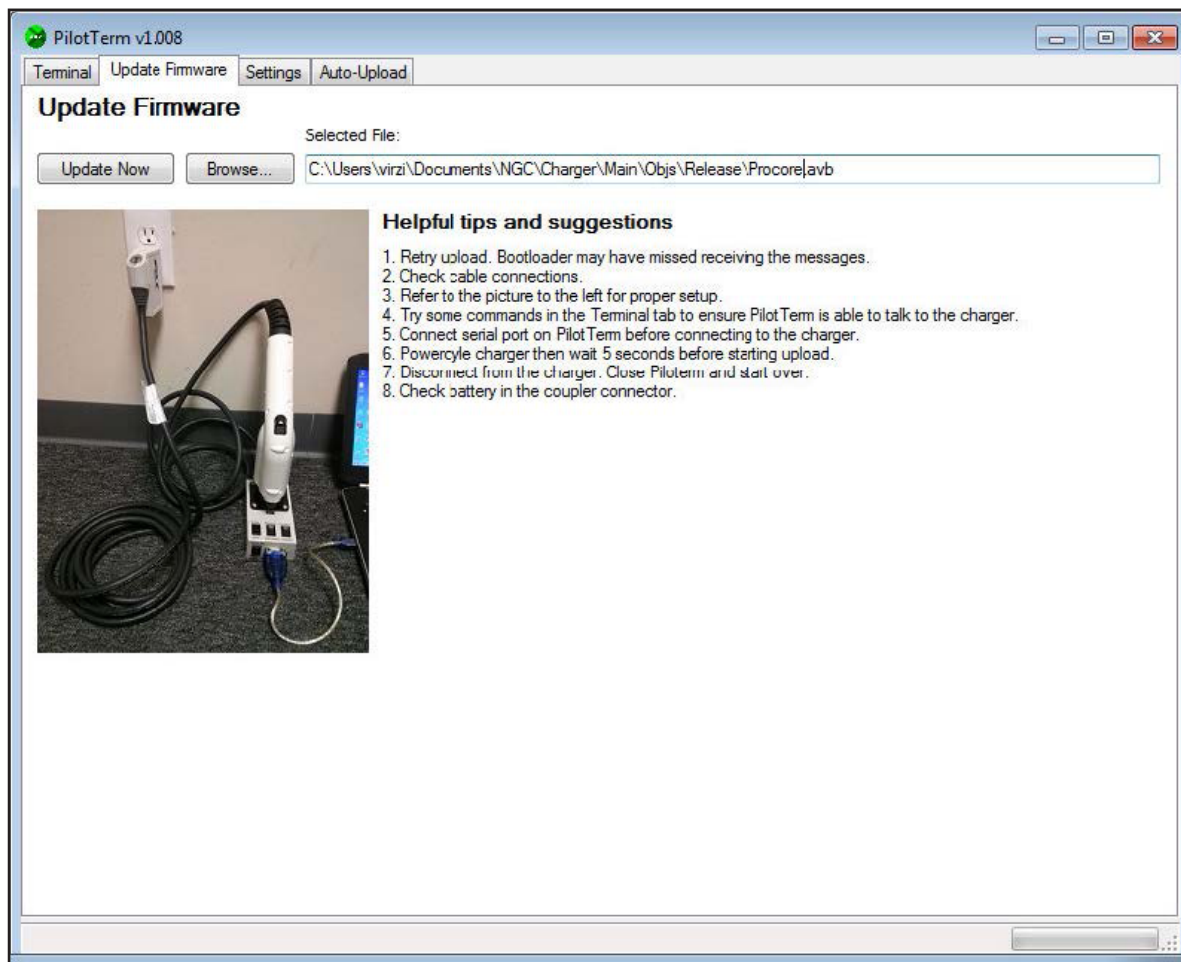
- USB cable type AB
- PC running Windows
- PilotTerm 1.008 or later installed on the PC (PLMS Part No. 22718-11)
- The -11 AVB file to be loaded to the charger stored somewhere on the PC (see this part number).

**Procedure:**

1. Turn on the ProCore or ProCore Edge charger.
2. Attach the B-type end of the USB cable to the USB port on the charger.
3. Attach the A-type end of the USB cable to a USB port on the PC running Windows.
4. Run PilotTerm on the PC.
5. In the **Settings** tab, select the COM port that is connected to the USB cable, then select **Connect COM**.



6. In the Update Firmware tab, use the **Browse** button to select the location of the AVB file you want to upload.



7. Click the **Update Now** button. You will see a progress bar at the bottom. The message "Upload successful" will appear on the bottom left when the upload is completed.
8. If you see the message "Upload Failed," power-cycle the charger and select the **Update Now** button again immediately after.
9. Select the **Terminal** tab – you should see a printout that looks like the following (version and CRC may vary):

**Bootloader Version 1.018**  
**Procore firmware version 1.233 (A013)**  
**Run Mode: Release**

10. Confirm the ProCore firmware version matches the one that was just loaded.
11. Confirm the Run Mode is **Release** (for a production unit).
12. The loaded application should begin after the firmware load is completed. You may unplug the USB cable after this point.