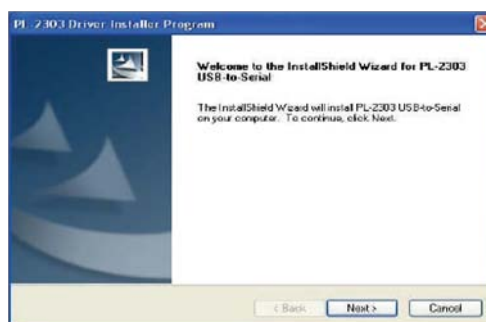# VL2000 Firmware Update V1.06

Part 1: Normal Update

1 **Install the Data Cable Driver**

Install the data cable driver "PL-2303 driver Installer.exe".

2 **Connect the Cable to PC**

USB
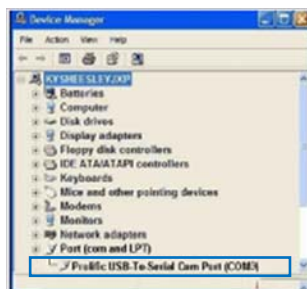
Data and Charge Cable | PC

3 **Verify Serial Port Number**

In your PC's Device Manager, find the serial port number (COMX) for software update.
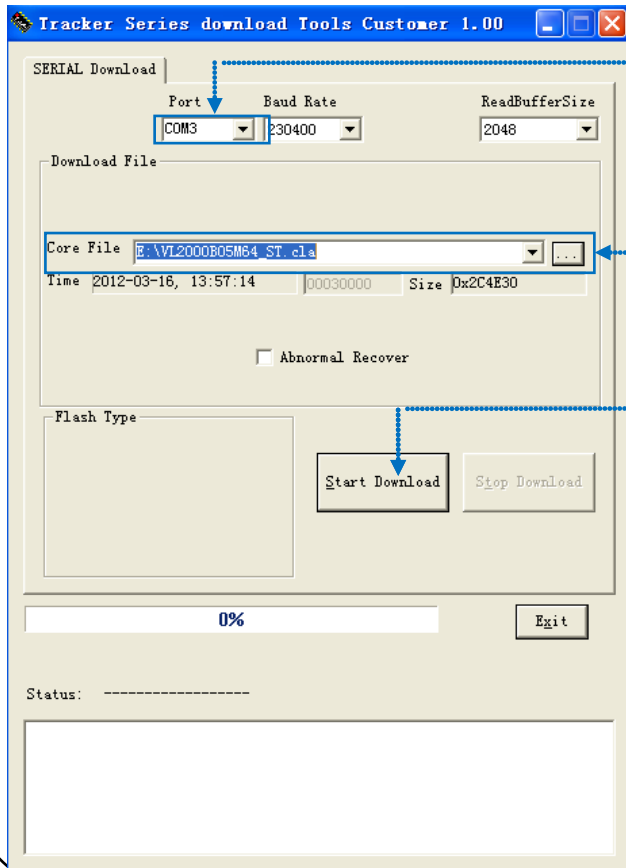
4 Power Down VL2000

Make sure VL2000 is powered off before update. If VL2000 is powered on, presses and holds the power key for approximately 3 seconds, both the battery light and GPS light will be lightened, then release the power key. VL2000 will completely shut down when all lights are off.
(If VL2000 could not be powered down, go to FAQ1 for help)

5 Run Firmware Update Tools and Config

Connect VL2000 to the data and charge cable; run "VL2000 Series download Tools Customer 1.00.exe".

Tracker Series download Tools Customer 1.00

SERIAL Download

Port	Baud Rate	ReadBufferSize
COM3	230400	2048

Download File

Core File E:\VL2000B05M64_ST.cla
Time 2012-03-16, 13:57:14   00030000   Size 0x2C4E30

☐ Abnormal Recover

Flash Type

Start Download   Stop Download
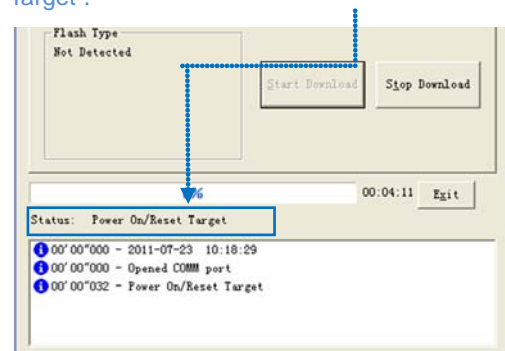
0%   Exit

Status: -------------------

Step1: Choose the port verified in your device manager.

Step2: Select the "App File".
It is recommended to use default values for other parameters.

Step3: Press the "Start Download" button.
The status will be turned to "Power On/Reset Target".

Flash Type
Not Detected

Start Download   Stop Download

%   00:04:11   Exit
Status: Power On/Reset Target
ⓘ 00'00"000 – 2011-07-23 10:18:29
ⓘ 00'00"000 – Opened COMM port
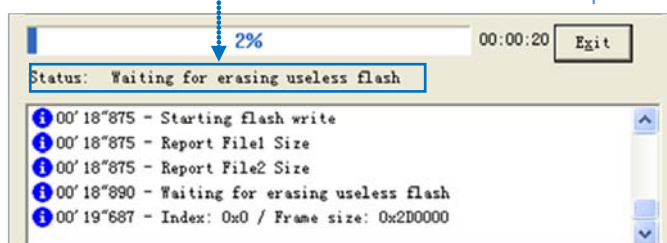ⓘ 00'00"032 – Power On/Reset Target

6 Start Update

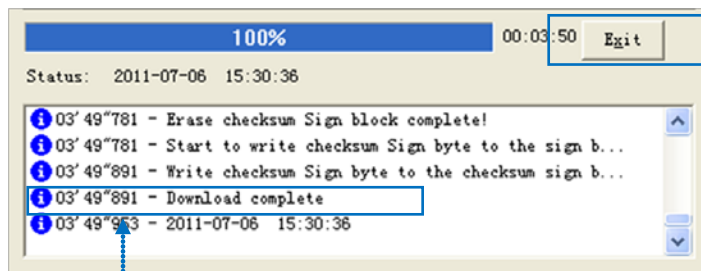Press the power button and hold it for more than 3 seconds until the status is changed to:
"Waiting for erasing useless flash",
then release the power button. Update will take up to 3 minutes.

2%   00:00:20   Exit
Status: Waiting for erasing useless flash
ⓘ 00'18"875 – Starting flash write
ⓘ 00'18"875 – Report File1 Size
ⓘ 00'18"875 – Report File2 Size
ⓘ 00'18"890 – Waiting for erasing useless flash
ⓘ 00'19"687 – Index: 0x0 / Frame size: 0x2D0000

⑦ Update Success

Exit the tools.

Update successful. VL2000 will be powered on automatically.
(If download is failed during update process, go to FAQ2 and FAQ3 for help)
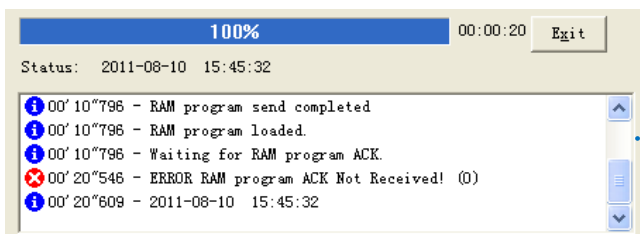
Part 2: FAQ

① VL2000 cannot be powered down

To enable the power key function, connect VL2000 to PC by data and charger cable; use VL2000 Manager Tool to enable it.

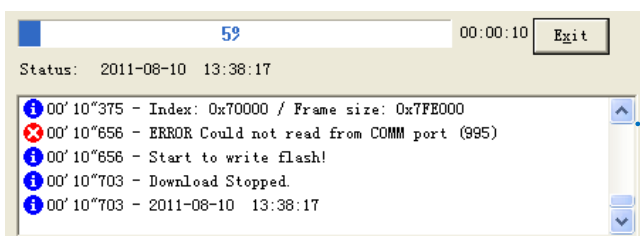For more details, refer to the document "VL2000 Manager Tool User Guide".

② Download failed in normal update process
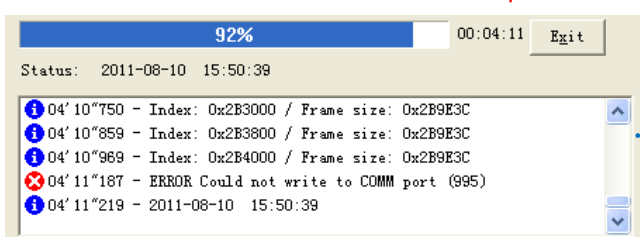
Error 1: "ERROR RAM program ACK Not Received!"

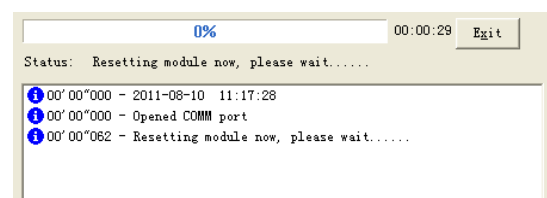Retry the update steps 4, 5 and 6 in part 1.

Error 2: "ERROR Could not read from COMM port"

1. Check the connection between VL2000 and PC.
2. Select the "Abnormal Recover" option.
3. Press "Start Download" button.
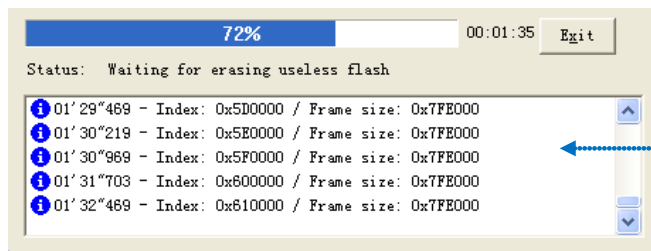

Error 3: "ERROR Could not write to COMM port"

Wait for VL2000 to recover itself automatically, it may take 2 minutes to return to normal download mode when the process bar begins to move. The total process of download will take 5 minutes.

③ Download failed for other reasons

If other errors occur during the updating process and above solutions cannot work, double click the list box to save the log and contact SIMCom for further help.

Double click the list box

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