

BLE FW Update Guide

Amp'ed RF Technology, Inc.

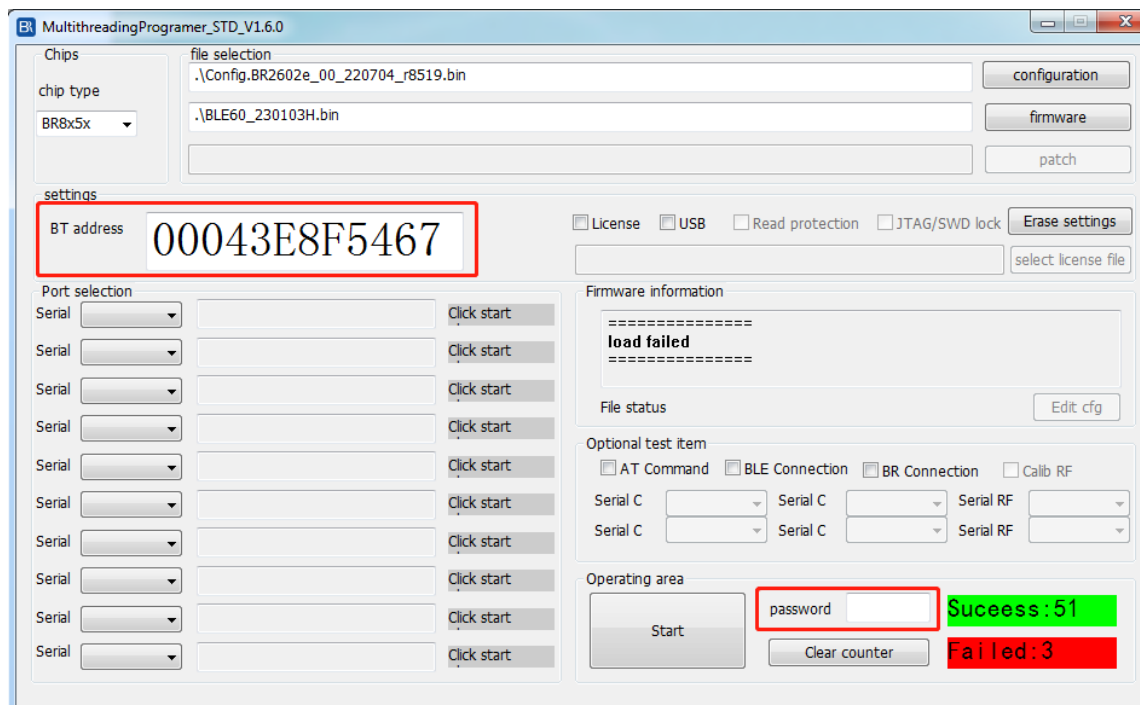
Details for updating the firmware on a BLE60 module.

Tools needed:

- MultithreadingProgramer_STD_V1.6.0.exe
- Windows PC
- COM port on PC
- Level shifter for RS232

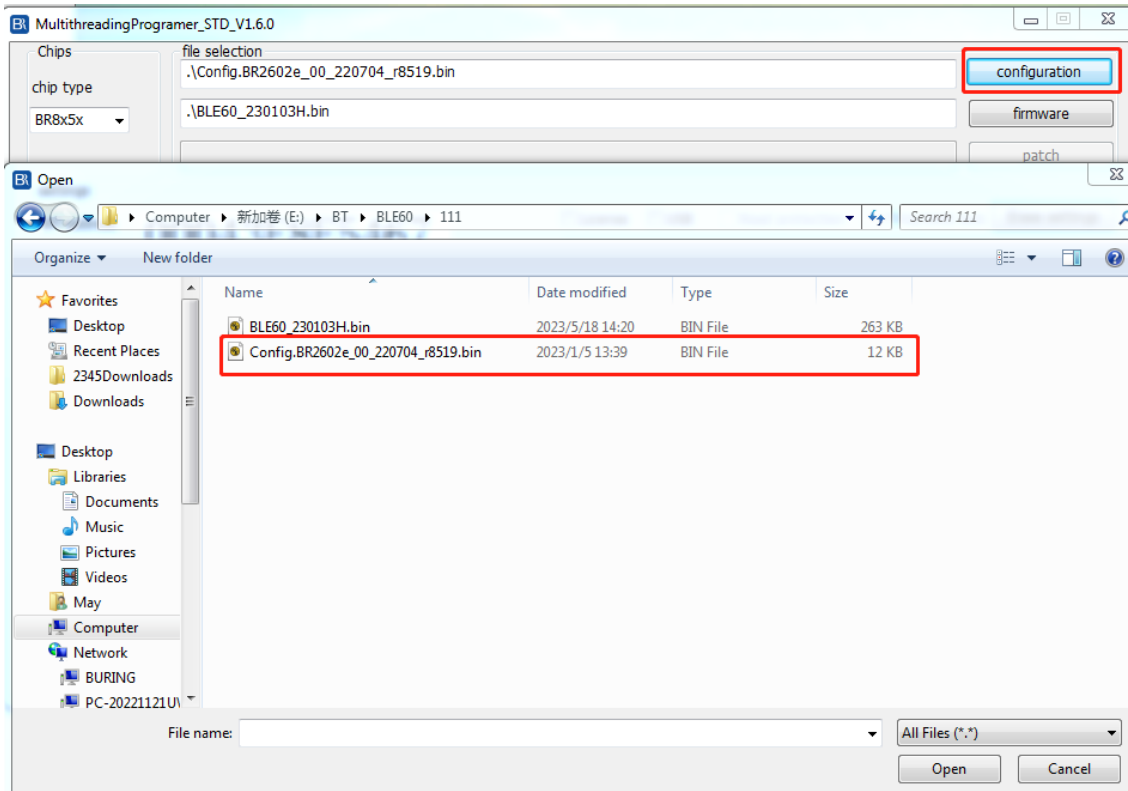
Steps:

1. Connect UART0, pins 5 & 6, to PC using a RS232 level shifter with common ground, and power on the module.
2. Run "MultithreadingProgramer_STD_V1.6.0.exe" on PC.
3. Set the BT Address with any 12 digits. Note, the last step will write the correct address to the module using an AT command. So a temporary address is needed only at this step.

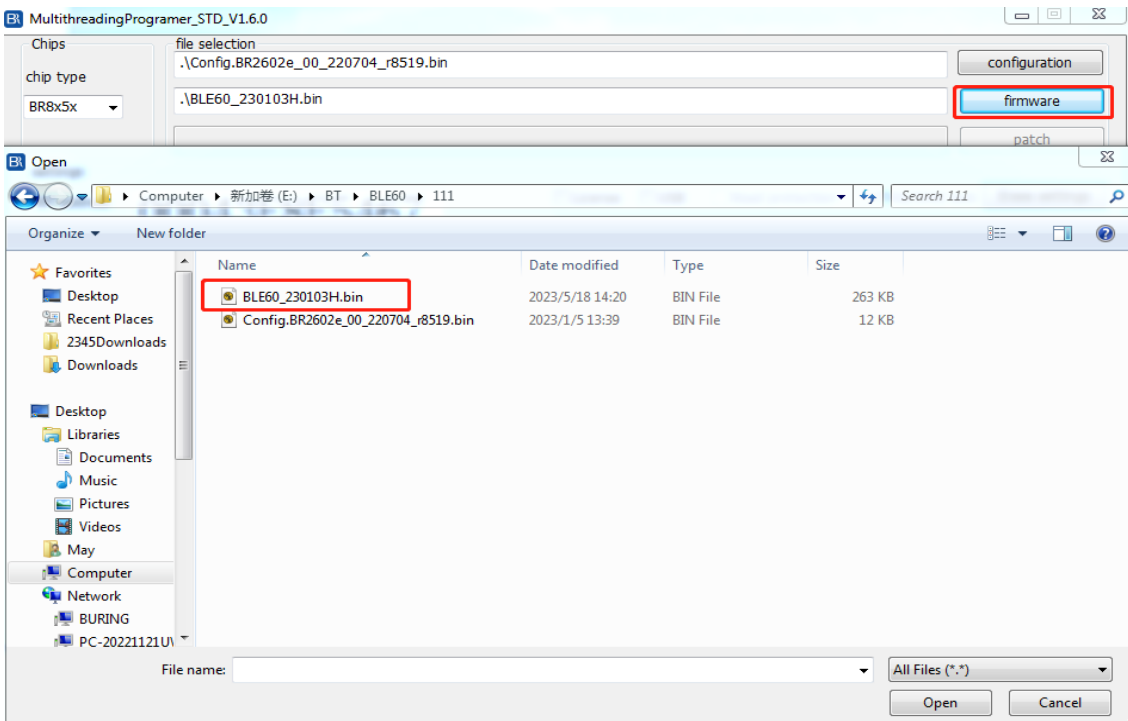


Settings:

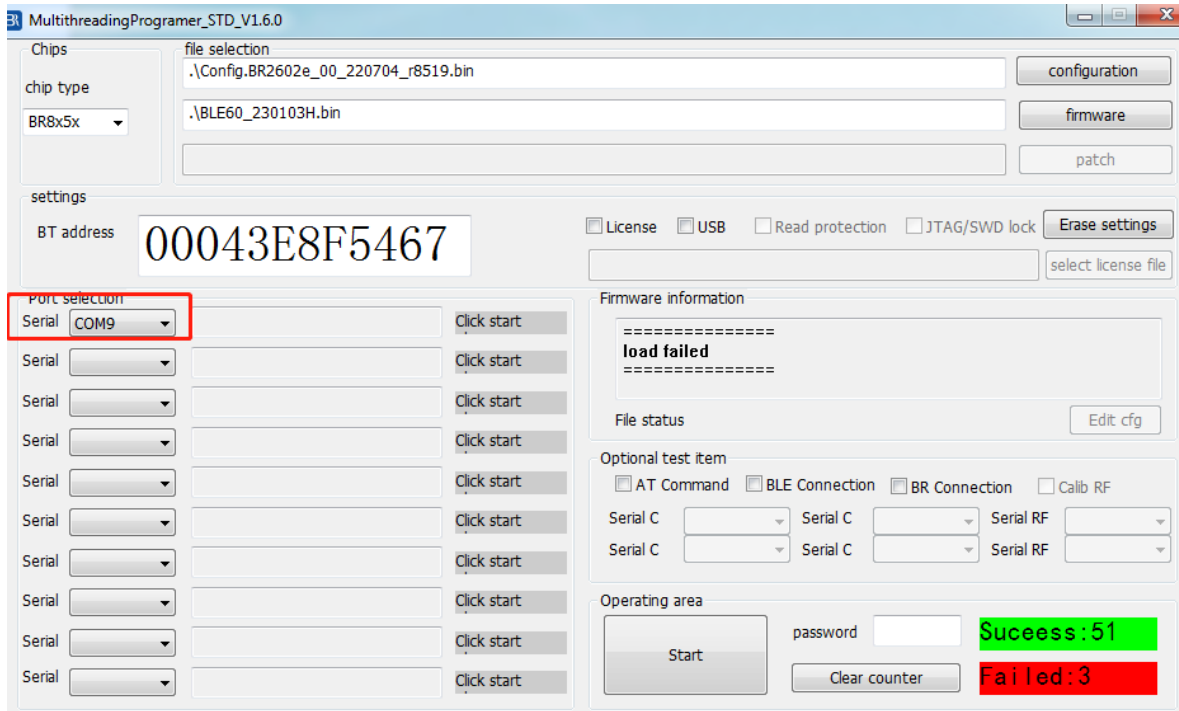
4. Select a configuration file:Config.BR2602e_00_220704_r8519)



5. Select firmware binary file:



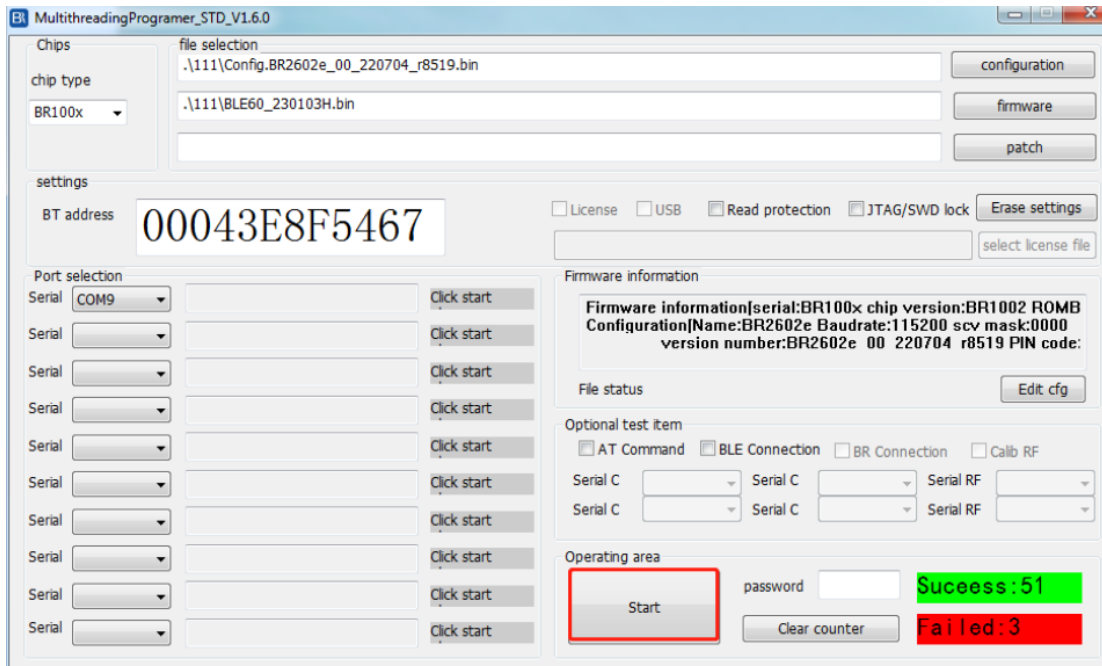
6. Com Port: Select the correct port:



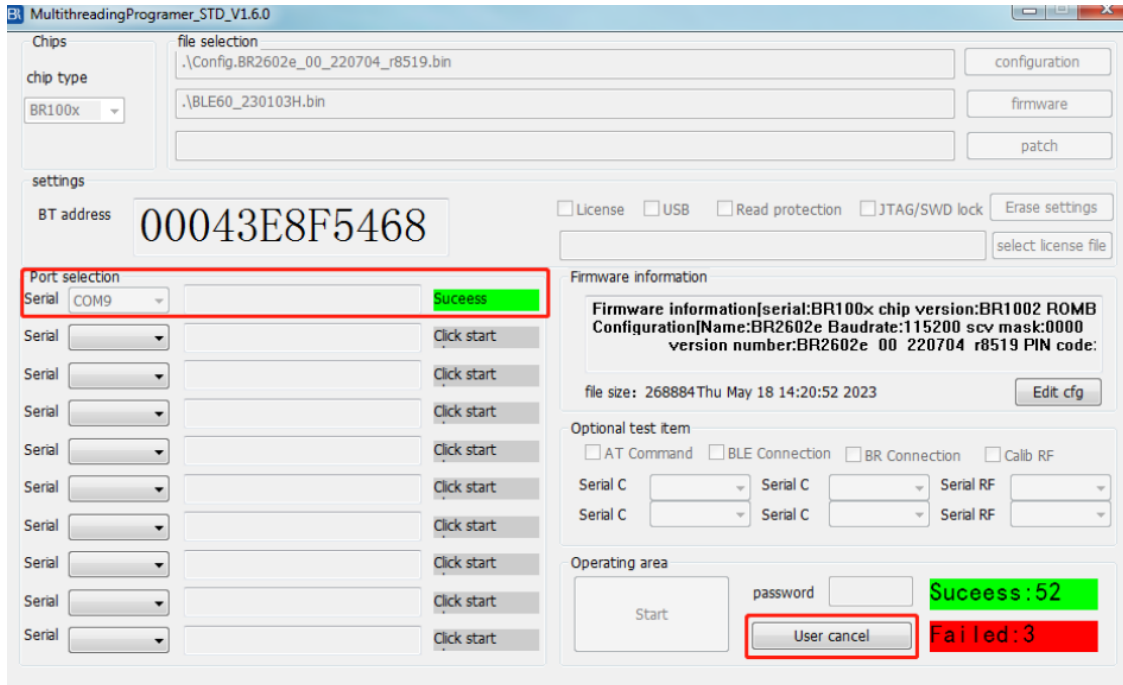
7. Apply pin 9, low with GND.

8. Apply reset signal to pin 10: set to GND. The module goes into boot mode.

9. Click "Start" button.



10. Click "User Cancel" when Successful.



11. Open Term.exe and connect the module to the PC using pins 13 and 14, UART 1.
 12. Reset again using pin 10.
 13. Set BD Address: at+ab SetBDAddress 00043exxxxxx. Use the address from the QR label on the module. This command can only be used 1 time.
- Firmware update successful!

