Pegasus Software Overview

“MANUFACTURER” button is used to select a phone manufacturer. At this moment only Samsung is supported. We plan to add several other brands in the next updates.

“PHONE MODEL” drop-down list is used for phone model selection. **Attention!** Always select phone model according to the firmware version inside your phone. In most cases the only way to determine B, D etc. modifications is to check phone firmware. To do so, please dial *#1234# on the phone keypad.

“COM PORT” drop-down list is used to select operation port. Pegasus software communicates through any interface able to create virtual COM port on your PC. Native COM1 and USB operation is supported as well.
“CREATE MODULE” button is used to create Pegasus software module according to the chosen phone manufacturer, model and COM port. Pegasus software supports simultaneous operation with as many COM ports as you have boxes or phones in USB mode connected to your PC. Each module allows to service one phone at a time.

“RESCAN PORTS” button is used to refresh ports list in Pegasus software in order to make connected phones/boxes appear in the list of available ports if they were connected after Pegasus software had been launched.

“TAKE SCREENSHOT” button is used to make screenshots of Pegasus software current status. Screenshots are saved in “Screenshots” folder, in the Pegasus installation folder. Files are automatically named “Screenshot dd.mm.yyyy. hh-mm-ss.jpg”. You may use this button to save log information and send it to Support Team if you encounter some technical problems.

“PEGASUS NEWS” button is used to move you to Pegasus box Homepage where you can check the latest news about ongoing development of the project.

“ABOUT PEGASUS” button opens a window with brief info about Pegasus software and some useful links.

“CLOSE PEGASUS” button closes all opened modules and Pegasus software. 
**Warning!** All operations will be cancelled immediately! Make sure that no phone is being flashed at this moment!
Service Mode Explanation

“CONNECT” button is used to start boot sequence and put your phone into appropriate mode for servicing operations.

“DISCONNECT” button is used when all needed operations have been completed and you finished working with your phone. There is no need to disconnect the phone after each operation.

“UNLOCK” button speaks for itself. It unlocks your phone 😊

“CHANGE BT ADDRESS” button is used to write custom Bluetooth module address to the handset. You should type it beforehand into the editable field at the bottom of the service mode window.

“RELOCK” button will lock your phone to the next SIM card inserted.

“REBUILD IMEI” button is used for IMEI repair purposes. It is disabled by default and may be activated by a hotkey Ctrl+I. Factory handset IMEI should be typed into the editable field at the bottom of the service mode window.
Pegasus Unlocking Procedure Tutorial

1. Start Pegasus software…

2. Choose appropriate phone brand and model from the drop-down list.
3. Select COM Port where your phone is connected.

4. Create new module with parameters selected above.
5. Press “CONNECT” button to prepare phone for servicing operations and connect it to Pegasus software.

6. Service operations require Internet connection for smart-card authorization on server. After successful authorization you will see a window as below. At this point you have to press Power On button on the phone keypad. Make sure your phone is connected via cable.
7. Phone is connected to the cable, boot sequence started. In this particular case booting phone is divided in two stages. You are prompted to reconnect phone at the end of the first stage.

8. Boot sequence completed. All buttons are active now. You can see phone firmware version, IMEI, BT address, state of locks, lock codes etc. in log window.
9. To unlock your phone press the “UNLOCK” button. Everything is done within 1 second. To complete unlock procedure press “DISCONNECT” button.

Easy and simple. You can now disconnect the cable from your phone.
Flash Mode Explanation

“BAUDRATE” drop-down menu is used to select operation speed. The higher speed is selected – the faster will the flashing procedure be.

“FLASH IMAGE” shows current flash file image selected. Pegasus software stores information about last chosen image for each phone model. If you have few phones that should be flashed with same firmware version you don’t have to select a flash file each time. Information about flash image will be restored after you have closed Pegasus software or you were working with other phone model. To select other flash image press “…” button.

Attention! Flash file images are bound to smart-card serial. It is encrypted with special signature while you download files from support area. Thus we protect ourselves from stealing and sharing our files database.
“WRITE FLASH” button begins flashing procedure. Before flashing you should checkmark which file parts should be written. If some checkboxes are grayed-out and not operational this means that flash image does not contain corresponding flash parts. It is recommended to flash all flash parts to avoid handset software malfunction.

“REPAIR” button is used to repair “illegal trial” error, IMEI 00000000000000 that can’t be repaired in usual way etc. You should type handset serial number to input field. You can get serial number from factory sticker. Example on image below:

“READ FULL FLASH” button is used to dump handset flash memory into .FLB file. This file format is used by our team for debugging procedure. Don’t send us backup files each time you have a problem. Please use this function upon our request only.
Pegasus Flashing Procedure Tutorial

1. Start Pegasus software…

2. Choose appropriate phone brand and model from the drop-down list
3. Select COM Port where your phone is connected.

4. Create new module with parameters selected above.
5. Set port baudrate to maximum, press “…” button to browse for flash file.

6. Select needed file and press “Open” or just double-click on it.
7. Pegasus uses its own flash files format named .PGS. That is the special file that contains all flash file parts. To select required flash parts you just have to tick checkboxes below “WRITE FLASH” button. To begin flashing procedure click “WRITE FLASH” button.

8. Process started…
9. It’s done!

Easy and simple. You can now disconnect the cable from your phone.