SmartMoto

Mobile Service Software Users Manual

SmartMoto is a flashing and unlocking software meant to be used with Smart-Clip and separately. Available for download, free of charge, from our web site: http://www.smart-clip.com/smartmoto.php

Registration Procedure

1. Connect your clip to PC
2. Start SmartMoto.
3. Select Phone Connection: Smart-Clip USB port.
4. Press Search.
5. You be will be offered a link, follow it, fill out the form and you will receive the key needed to activate the program. Copy the key and paste it into a registration window in SmartMoto software. No more registration is needed.
6. Smart-Clip is allowed to register up to five times. If user needs to register it again, after the limit has been reached, he needs to contact us.
7. To complete the registration, your Internet security has to be set to the lowest level or set your browser so it would accept all cookies from our server.

SmartMoto under Windows2000/XP

Before you start SmartMoto, please set the compatibility to your Operating System (right click on SM.exe file and choose `Properties > Compatibility...`)

To run SmartMoto under Win2000/XP and to update Smart-Clip please launch SM, open Smart-Clip bookmark and tick the option "Disable OS parallel port polling (requires reboot)".

After that - restart you PC.

Registration problem

If your copy of SmartMoto continuously asks for activation, or if you require second registration, please make a screenshot of the process and send it to smartmoto_license@smart-clip.com. Please specify your SC serial number within the letter and detailed description of what happened.

Flash + Backup

SM supports the following flash file formats: *.smf, *.shx and *.smb

*.smf files are meant to be used when your handset is connected to PC via Smart-Clip (`phone > USB cable > Smart-Clip > LPT cable > PC`). Choose "Smart-clip USB port" in phone connection window, press "Search" (it will detect your handset), go to the bookmark "Flash", choose your flash file and flash the phone.

*.shx files are used for flashing with SmartMoto in PC flash mode.

Connect your phone to the PC USB port directly (`phone > USB cable > PC`). Choose appropriate option (PC USB) in SmartMoto tool, phone connection window, press "Search" (it will detect your handset), go to the bookmark "PC flash", choose your flash file and flash the phone. Flashing in PC flash mode will require a phone driver to be installed. Universal driver for all P2K models is available within SmartMoto directory (`SmartMoto install folder \drivers\p2k.sys`). To install the driver: connect your handset to the PC, system will detect a new device, locate the driver and run the installation as many times as system will require it.

To **backup a language pack:** bookmark `"Flash" > "Read language pack"`

Don't forget to backup the full flash before actual flashing: bookmark `"Backup" > "Backup phone flash"` (in this case you will get ***.smb file),** you will be able to use it in case you need to restore your handset to its original condition.

Also you can flash your phone with backed up file from another phone. In some models security zone will get backed up automatically with the flash file. In this case, after flashing the phone you will have to restore its original security area. Bookmark `"Backup" > "Restore security area"`.

You can recognize the file of Security Zone by phone's IMEI.

We strictly recommend not to flash phones with backup flash files received from other phones in these models: *C975, C980, V975, V980, E1000, A1000, V1050*. We would urge everyone to use the latest version of SmartMoto and to flash the handsets only with *.smf files downloaded from our website.

- If the message "Error 0" appears on display - it means that the phone's security zone was corrupted. The handsets with this kind of error won't get connected in normal way;

- If phone displays "Error 0x1DE" need to go to "Unlock" Bookmark and press "Remove RSA". Phone must be connected via Smart-Clip for that and taken into boot mode using *#PWR ON key combination (with standard cable) or using repair cable without keys combination.

During Read Flash procedure - flash files will be created in safe mode ensuring quality flashing later. If there is a risk that firmware can't be read safely, SmartMoto will not complete the Read Flash procedure.

Warning

Do Not flash phones with backup flash files received from other phones in these models: **C975, C980, V975, V980, E1000, A1000, V1050** (This does not apply to the backed up language packs)

In any case do not overwrite security area with the security file from another handset.

Make all Backup/Flash operations with 100% fully charged phone battery

SmartMoto compatible flash files specification

reflash.smf - meant to be used for upgrade of software. No data will be lost from the phone. Other words, all downloaded pictures, ringtones, contacts won't be erased from the handset memory.

flash_flex - meant to be used for upgrade of software with change of flex (change of basic settings). Some data could be lost from the phone's memory after flashing.

full_flash - complete change of firmware including with EEPROM. All added data will be erased from the memory.

Unbranding

If your phone model is supported and you have an unbranded *.shx flash file or handset with unbranded software, then you can flash your phone (with *.shx file in "PC-flash" mode or by connecting your handset to the PC via Smart-Clip, making a backup & using SmartMoto "Backup" mode (Restore phone flash)).

Don't forget to restore the original security zone (Restore security area) after flashing with backup file if needed.

PDS zone problem description

Handset does not turn on, gets detected in SmartMoto, full flashing does not help. Possible problems: hardware or software.

SmartMoto can not fix any hardware problem.

Software: One of few reasons could be corrupted PDS zone.

SmartMoto "Repair PDS" section

Similar to Flashing, Repair PDS will work only if the handset gets detected by SmartMoto.

"Repair PDS" option requires a constant Internet connection with Smart-Clip server. Internet settings must be the same as for Smart-Clip update.

Connect handset to PC via Smart-Clip. Launch SmartMoto 1.06, select "Smart-Clip USB port" in connection window, press "Search" phone gets detected, open section "Repair"

Program will not define a model. It has to be selected manually from the list of models. Please make sure the model is present in the list and select it very carefully. In case if the model is not listed – do not perform "Repair PDS" procedure, otherwise it will seriously harm your phone. So, even restore of full original backup will not fix it.

As soon as model was correctly selected – press "Repair PDS"

After successful PDS zone repair – handset will not turn on. It requires to be flashed with full _flash file. To allow program switch to flash section automatically, please tick option "Switch to "Flash" tab on success"

Section repair PDS has an option "Quick model find" for fast search of the model on the list. Just enter phone model in "Quick model find" window and program will automatically find it in the list.

We strictly recommend making a full backup from the phone before performing a "Repair PDS" procedure.

Please note: Trying to perform a "Repair PDS" procedure with none supported for this feature model, or with wrongly selected model from the list, will seriously damage your phone & restore of full original backup will not fix it.

Memory troubleshooting: Force simple write mode

Some times during work with different types of Flash Chips, Block record method does not work.

In this case it's possible to work with slower but easier and more reliable flashing method - "word" flashing method. Such method takes up to 3-4 times longer to flash, but give a chance to work with higher quantity of microchips. We recommend to use this method in case of problems with block method.

How to change the frequency band

1. Connect your phone to the PC via Smart-Clip.
2. Detect your phone.
3. Choose a "Service" bookmark, select what is required in "Operation window" & press "Update band".

Please note: This option will allow you to do it only if the phone hardware is made to work on the different band.

SmartMoto & phone unlocking

Use of SmartMoto is required to unlock the next models: C975/C980/V975/V980/E1000/V1050:

1. Power on the phone
2. Connect it to PC via Smart-Clip, detect your phone in SmartMoto
3. Go to Unlock bookmark, pick your model, press "Remove RSA" button
4. Phone goes into boot mode, reserve copy of security area is created
5. Part of the phone Firmware is reflashed
6. Phone won't power on after that. SmartMoto will give you the message requiring take phone into
7. boot mode using keys combination: *, #, PWR ON (at this moment the phone has to be connected
8. with USB cable) or using Repair cable
9. Press "OK" button. Wait till the process ends
10. The phone powers on and is ready to

Please note: SmartMoto will work with phones with boot version 0.6.3.1 only after user goes to Unlock bookmark, picks the phone model and presses "Remove RSA" button.

If boot loader version of listed above models is lower than 0.6.1.2, you can unlock these phones via standard P2K unlocking procedure.