

UniversalBox

User manual



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Nokia Dct4

Flash

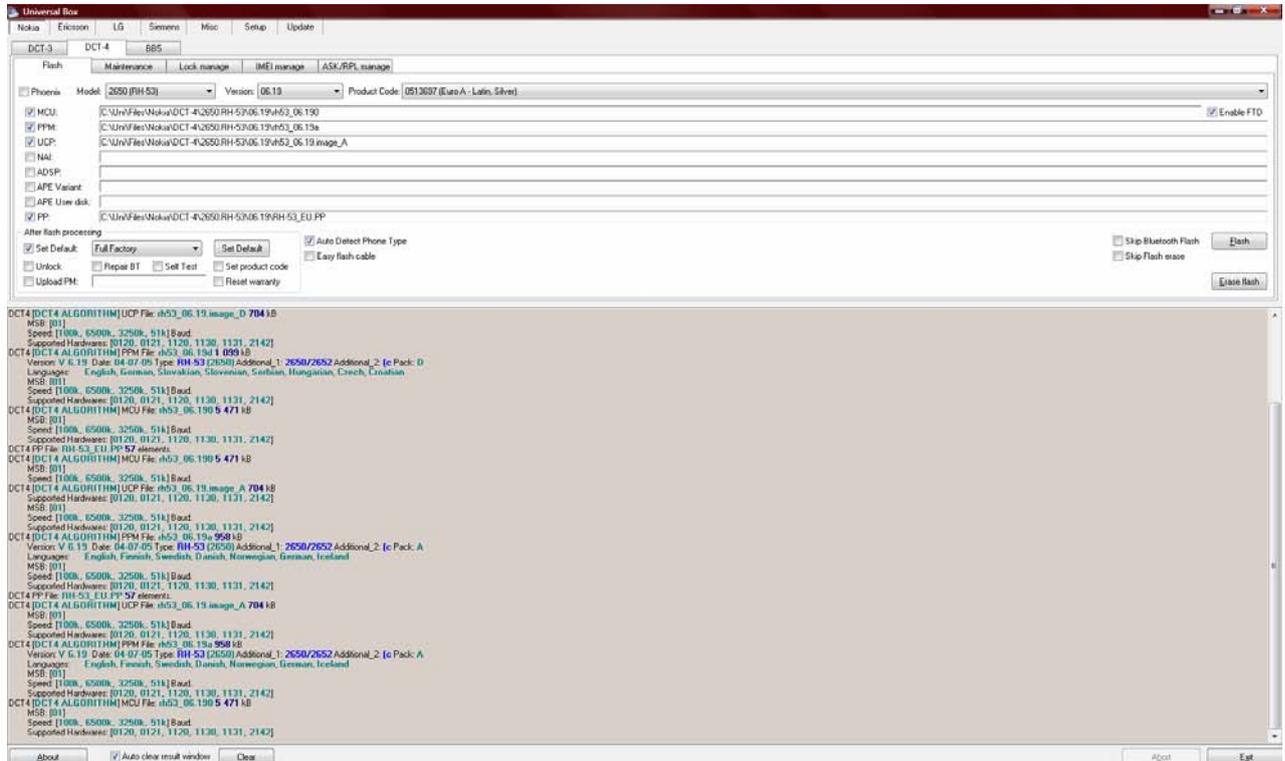
For flashing Dct4 models:

(If your phones software is installed by Phoenix data package to phoenix directory please tick Phoenix checkbox.)

Select corresponding Model, desired Version, from Listboxes.

From Product code listbox you can select the language pack you wish to flash to your phone.

MCU, PPM, UCP files will be automatically selected. Press Flash button and your phone will be flashed.



Enable FTD: this setting enables Nokia net monitor on phones.

Skip bluetooth flash: Skips bluetooth flash

Skip flash erase: Tick this option only if you erased flash just before, or you are uploading the same software version to your phone.

Erase Flash: Erases the whole flash area. Take care! PM values will be deleted also! (only for experts)

After flash processing settings:

Set Default: Full factory is enabled automatically! Pay attention to this setting!

If you want to delete your phone settings and saved data (contacts,pictures) leave this checkbox selected. Otherwise unselect it!

Unlock: Click on this checkbox if you want to unlock your handset after flash. (Check your local laws, in some countries this operation is illegal!)

Upload pm: Select this, if your phone has network problems. Permanent memory has values regarding this, and also other data also, so always make a backup of your phonebook before doing this operation.

Repair BT: Repairs BT adress.

Self test: You can diagnose your phone.

Set product code: You can modify the phones product code.

Reset warranty: You can reset your warranty menu to factory defaults.

Maintanance

Change powering mode: You can change your phones power up settings on fbus cable.

Change phone mode: Test mode is needed for self test operation. All others: Local mode.

Format user area: If your phone has Contact retailer problems, even after flash, try to repair it with formatting. (User data will be lost!)

This option helps following models especially: 3650,7650,6600,6230.

We recommend to leave the AUTO option ticked. (Wd2 stands for symbian dct4 phones, Tiku for example: 6230)

PM maintanance: Permanent memory can be read and written by this option. Use this if your phone has network problems for example. Important values range contains specific data for phones.

FULL contains also phonebook data, etc.

You can select custom also (Not for beginners)

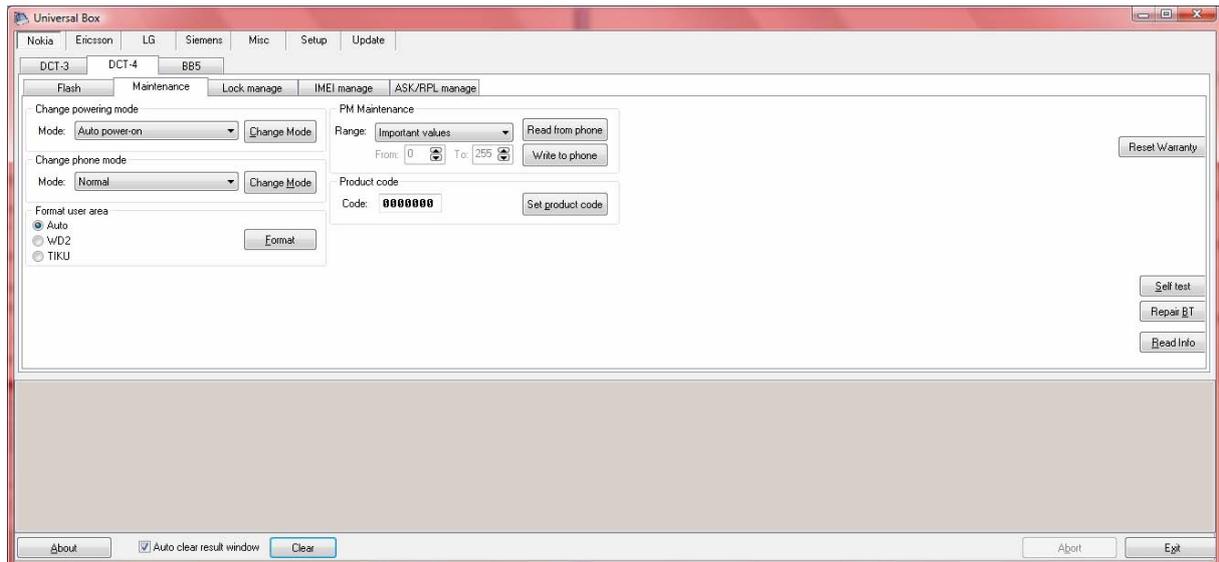
Repair BT: Repair BT modul.

Self test: You can diagnose your phone.

Set product code: You can modify the phones product code.

Reset warranty: You can reset your warranty menu to factory defaults.

Read info: Reads information regarding software version, hardware version, Locks etc.



Lock manage

Calculate lock codes: For normal dct4 models, you can calculate unlock codes. Just enter imei, asic type, mask, and box ID.

If you have your phone in hand: Click read info and calculate button.

If you dont, please fill in all fields correctly. (By clicking the red arrow, you can select your provider to fill in the MASK data automatically)

Manage sim: If you want to lock phones to specific provider, use this option.

Read lock info: Read your phones lock info.

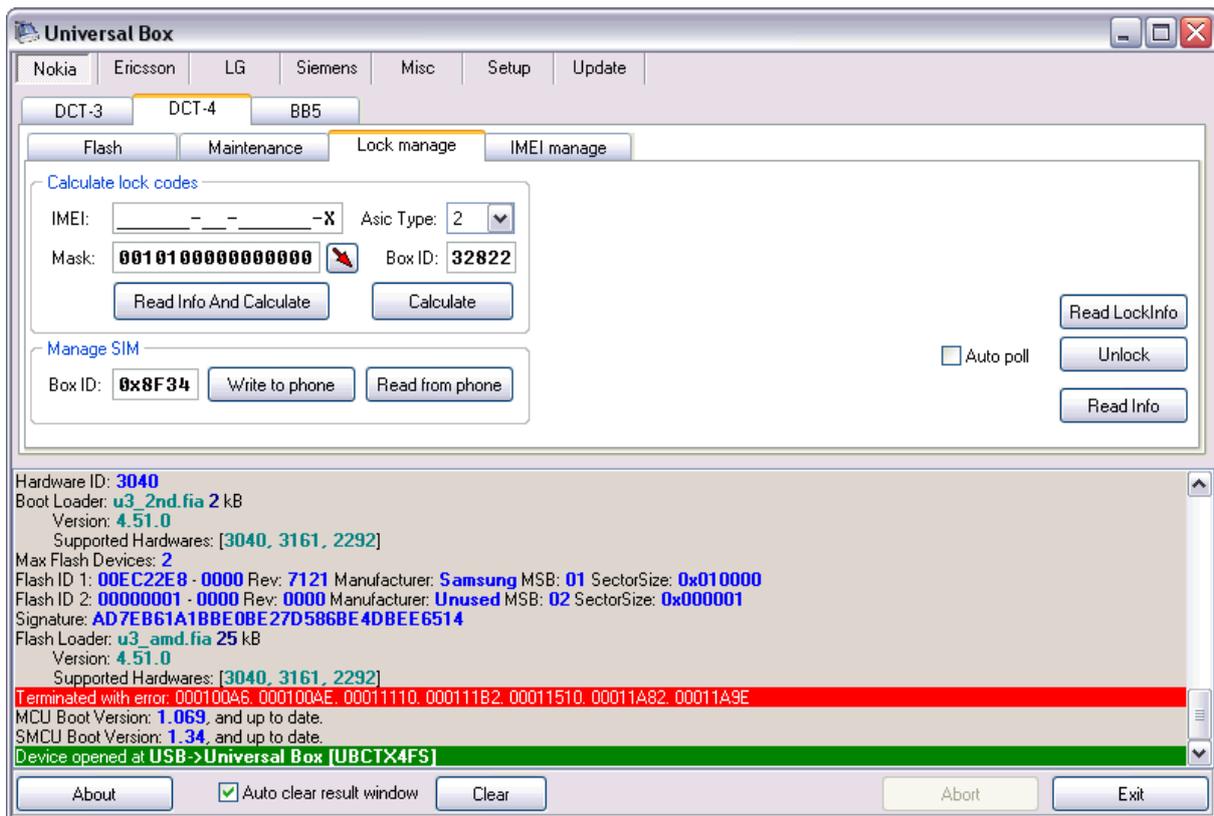
Unlock: Unlock your phone (Check your local laws, in some countries this operation is illegal!)

Auto Poll checkbox at the right side helps you if you have big quantity of phones to unlock, you wont need to click the unlock button every time.

For Dct4+ and Asic11 phones unlock:

Our method unlocks these phones in a unique way, so your phone will not locked after you flash the phone!

If you get error after the „Write lock succeeded” message, you dont need to unlock the phone again, just put the original flash part to the phone:



Go to Nokia -> DCT4 -> Flash tab.

Check the Phone firmware version

Select the correct file with .org extension from c:\uni\Files\Nokia\DCT- 4\Patch\ directory. Eg.: If you have 2610 with fw version 3.77, then you must select the \uni\Files\Nokia\DCT-4\Patch\rh-86_03.77.org file.

Press „Flash” button.

Imei Manage

Warning! Imei change in most countries are illegal! Check your local laws!

These operations conduct credits from your account. Check prices at our homepage(universalbox.com)

Imei change by patch: This is for normal dct4 phones.

Enter desired imei (or ESN), tick patch software, and click Do job.

If you want to repair your phones original imei tick: use original also!

Patch sw validity check is for 6610i,7250 phones with Contact service problems.

Asic11 IMEI change by patch: This field is for Asic11 phones. Use the same way as stated above.

Easy flash cable checkbox: If are using easyflash cable, click this checkbox!

Imei repair: This is for empty phones. Write desired imei, and press write UEM. (Caution! You can do this only once, because uem is OTP- one time programmable!)

Write flash checksum: If your phone reboots in every 30 sec, try to repair it by this.(6310 for example)

Attention! If you face problems (no network, rebooting) with following phones after imei patch: 6070, 6030, 1110(i), 2310, 2610, 2626, 1600.

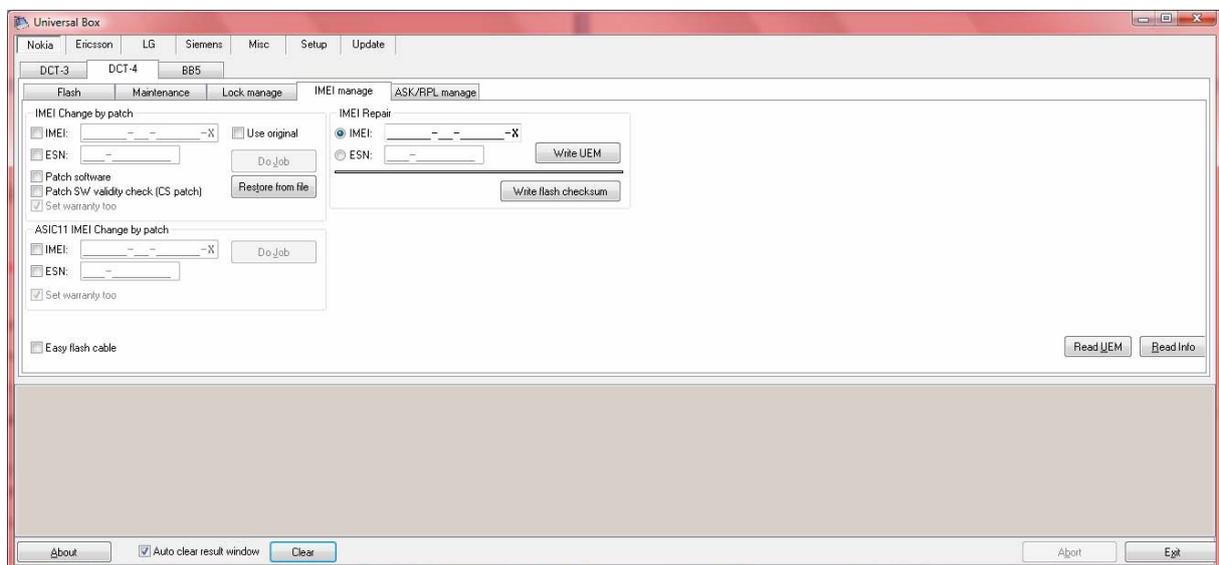
Please visit our forum on this link:

<http://gsmhosting.net/vbb/showthread.php?t=477978> and download 100%.rar.

Do the followings: First flash your phone with newest version

Upload to phone corresponding PM file.

Patch phone. All should be ok!



ASK-RPL Manage

Ask maintenance: This option was used in past time for getting rpl from other servers for credits.

RPL maintenance: Read /write rpl from phone.

Generate RPL: this conducts credits from your account. Check prices at our webpage.

You can generate rpl for your empty phones with desired imei. Afterwards you can write it by RPL maintenance.

If you have many phones, use auto increment options for an automated process.

How to use RPL functions with UniversalBox:

In some cases, you must recalculate UEM/Flash checksum in Nokia phones, like: UEM changing, Flash changing, Flash checksum corrupted by some reason.

UB can help you to solve these problems.

It is working with all ASIC types(ASIC-1 to ASIC-7).

There are two cases: if UEM checksum is missing/corrupted or Flash checksum missing/corrupted.

How to repair phones:

1, Connect the phone to the box.

2, If you select „Write UEM”, it will recalculate both UEM/Flash checksum, but you must enter an IMEI or ESN number. In this case, UEM must not contains data.

If you need only recalculate the flash checksum, just press the „Write flash checksum” button.

The software always makes backup RPL file to Uni/Files/Nokia/DCT-4/RPL/ directory.

How to generate RPL files:

If you need to make RPL files for later reuse, you can generate them also here.

Enter the IMEI/ESN number to the correct field.

Select the phone ASIC type.

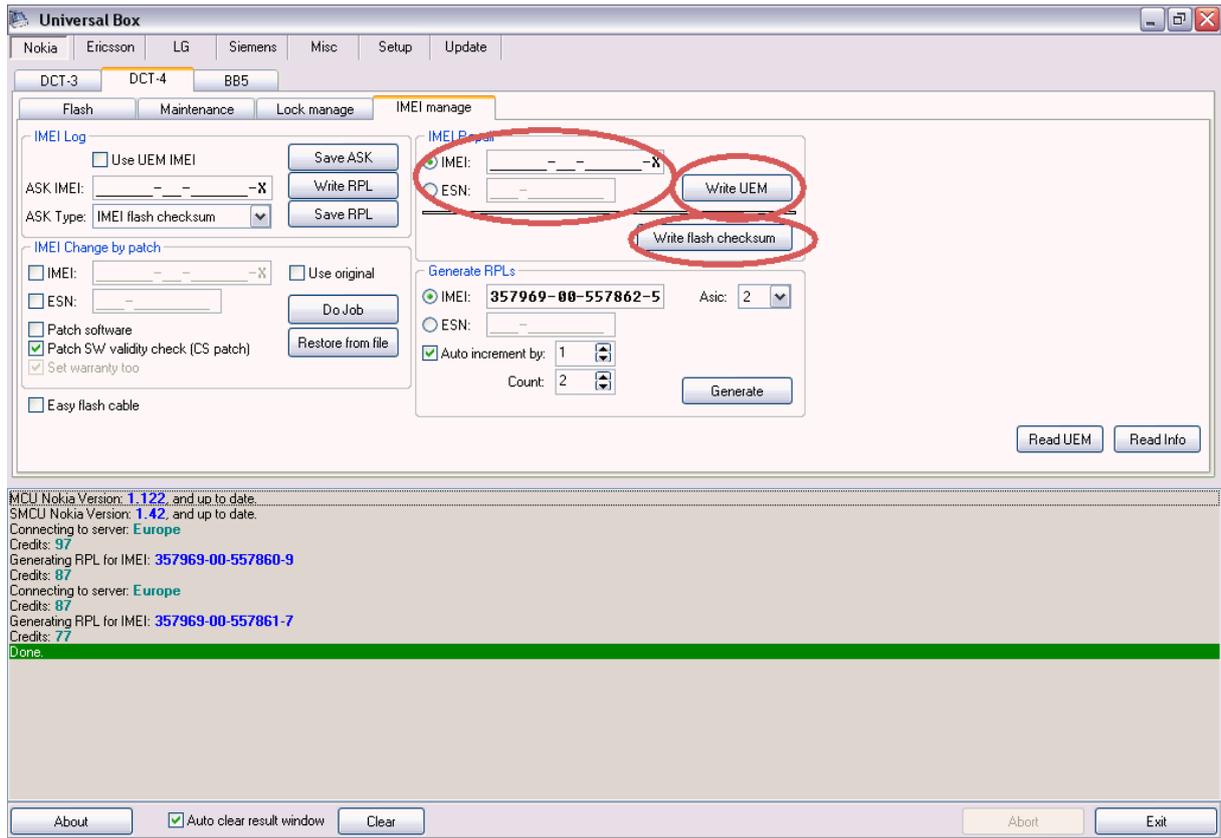
If you want to make multiple RPLs, you can do it with select „Auto increment”.

Enter a number to the field. This number means, when an RPL generated, the software increments the number by the entered value.

Enter to the count field, how much RPL need to be generated.

Press the „Generate” button.

The software places the RPL files to Uni/Files/Nokia/DCT-4/RPL/ directory.



Nokia BB5 Functions

Flash

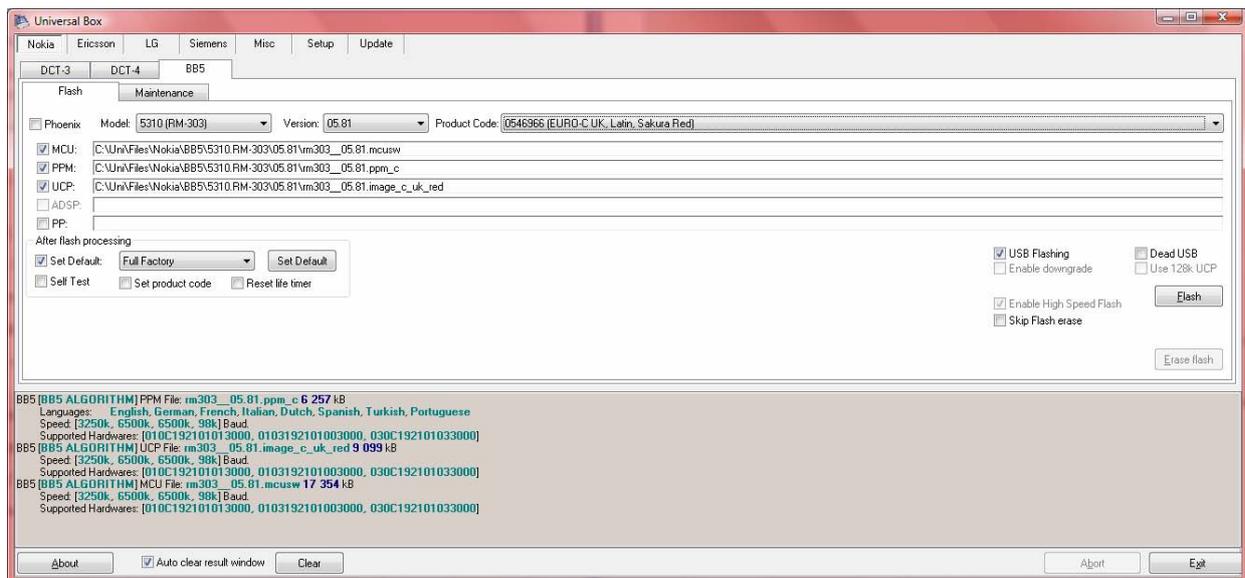
For flashing BB5 models:

(If your phones software is installed by Phoenix data package to phoenix directory please tick Phoenix checkbox.)

Select corresponding Model, desired Version, from Listboxes.

From Product code listbox you can select the language pack you wish to flash to your phone.

MCU, PPM, UCP files will be automatically selected. Press Flash button and your phone will be flashed.



USB flashing : Tick this checkbox if your connecting your phone through USB connection

Dead USB: If your phone doesnt power-on, and you want to flash your phone on USB you should use this setting. (Not all models support this!)

Enable downgrade: Nokia BB5 models dont support downgrade firmware by default. Before flashing them, The phone should be prepared for downgrade. ALWAYS check if your phone has a lower flash content, if no: tick this setting!

Skip flash erase: Tick this option only if you erased flash just before, or you are uploading the same software version to your phone.

After flash processing settings:

Set Default: Full factory is enabled automatically! Pay attention to this setting!

If you want to delete your phone settings and saved data (contacts,pictures) leave this checkbox selected. Otherwise unselect it!

Self test: You can diagnose your phone.

Set product code: You can modify the phones product code.

Reset life timer: Set to 0 your total talk time.

Maintanance

Change powering mode: You can change your phones power up settings while UB has connection with it.

Change phone mode: Test mode is needed for self test operation. Normal mode: normal power up. All others: Local mode.

Format user area: If your phone has Contact retailer problems, even after flash, try to repair it with formatting. (User data will be lost!)

PM maintanance: Permanent memory can be read and written by this option. Use this if your phone has network problems for example. Important values range contains specific data for phones.

FULL contains also phonebook data, etc.

You can select custom also (Not for beginners)

ALWAYS do PM Auth before this operation! otherwise your phone wont accept PM. (new security from Nokia)

Self test: You can diagnose your phone.

Set product code: You can modify the phones product code. So your costumer can upgrade firmware with NSU at home.(Nokia Software Update)

If wrong product code is set after NSU update, the phone will have other languages!

Reset life timer: Set to 0 the phones total talk time. (*#war0anty#)

Read info: Reads information regarding software version, hardware version, Locks etc.

RPL maintenance

These operations conduct credits from your account. Check prices at our homepage (universalbox.com)

When do you need to calculate BB5 RPL?

- BB5 handset has bad imei 123456-10-654321 because of wrong flashing.
- „5locked closed” doesnt accept any simcard.
- You need to unlock it, but phone has 3/3 and 10/10 counters (doenst accept NCK anymore)

If you face one of these problems, Click Send ASK file. (this reads some data from your phone, and sends it to us)

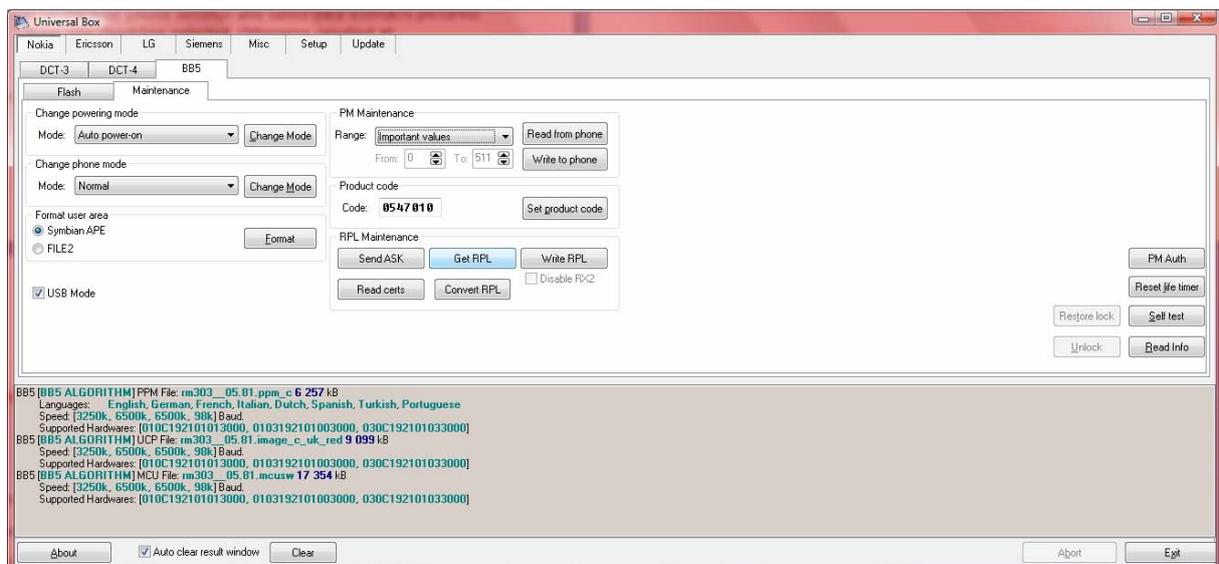
WAIT 15 minutes to 4 hours.

Click Get RPL (=download RPL) If your RPL is ready or not, u will notice here.

Once u got RPL click Write RPL . Your phone should be OK.

If you still face problems: (Contact retailer, reboot, etc) try this:

- 1) Full Erase
- 2) Flash
- 3) Write RPL
- 4) PM AUTH
- 5) Write PM (without field 308).



SonyEriccson

Smartcard

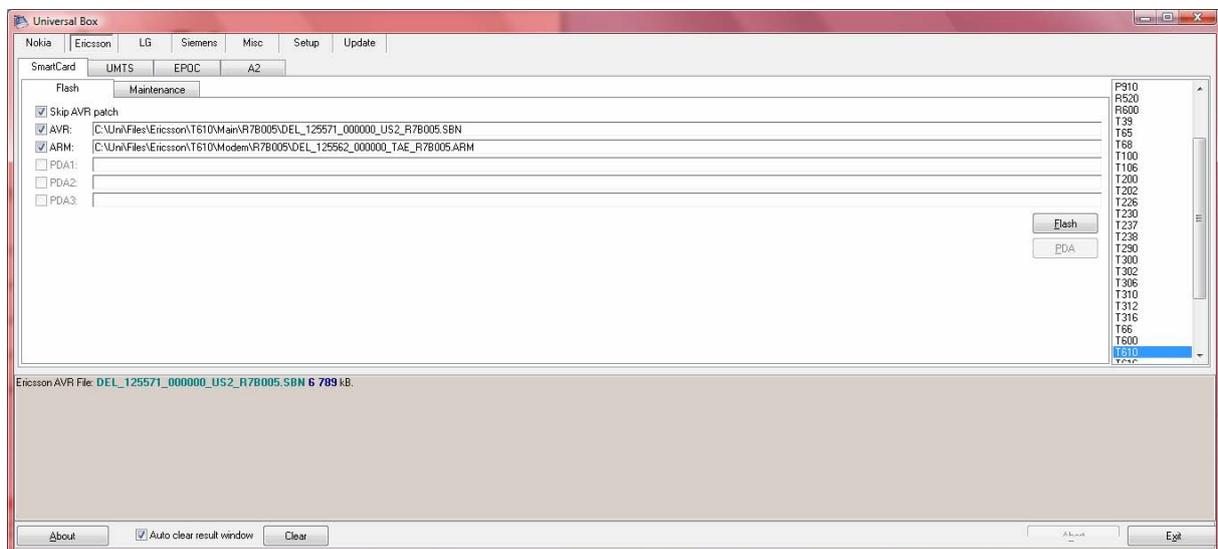
How to flash without patching the software:

Select phone model.

Check the “Skip AVR patch” checkbox.

Select flash files. (Software versions MUST be same on avr and arm)

Press the “Flash” button.



How to flash with patching the software:

This kind of flashing is necessary when OTP and GDFS IMEI numbers differ.
(E.g. IMEI changed)

Make sure “Skip AVR patch” checkbox isn’t checked!

How to flash PDA phones

Supported models:

- P800, P802
- P900, P908, P910, P910a, P910c, P910i

These kinds of phones must be flashed in 2 steps.

- Flashing AVR part (with or without AVR patch)
- Flashing PDA files.

Select phone model.

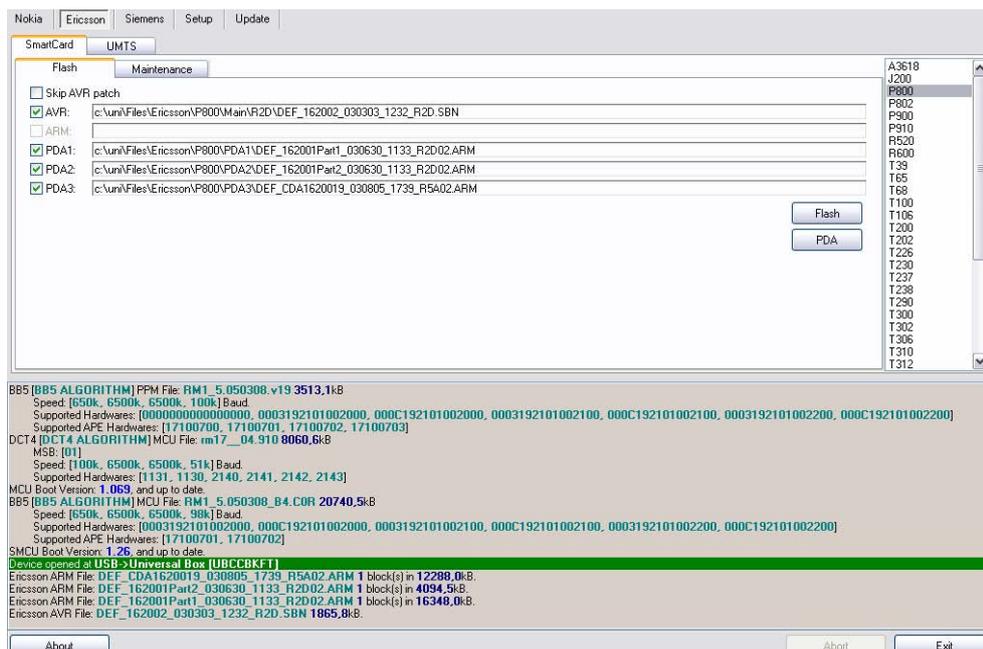
Select AVR file. (Patch the software if necessary)

Press the “Flash” button.

Select PDA1, PDA2, PDA3 flash files.

Press “PDA” button.

Note: At the _end_ of the PDA flashing you may receive an error message; you can safely ignore it since it is the error of the original loader



Maintenance

How to write GDFS:

Select phone type.

Select the “GDFS” checkbox and select the GDFS file also.

Press the “Write GDFS” button.

This operation repairs dead phones, freezing phones at language selection.

How to rebuild EEprom on T610, T630, and Z600

Select phone model.

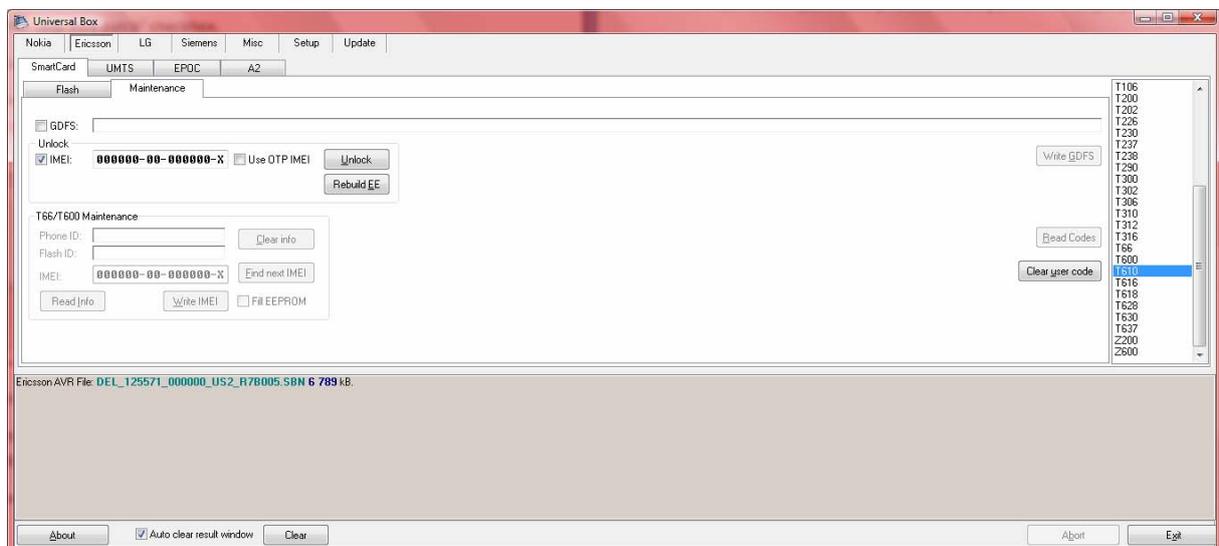
You should either specify an IMEI number or check the “Use OTP IMEI” checkbox in order to rebuild EEprom.

Press the “Rebuild EE” button.

How to unlock phone

Select the desired model.

Press the “Unlock” button.



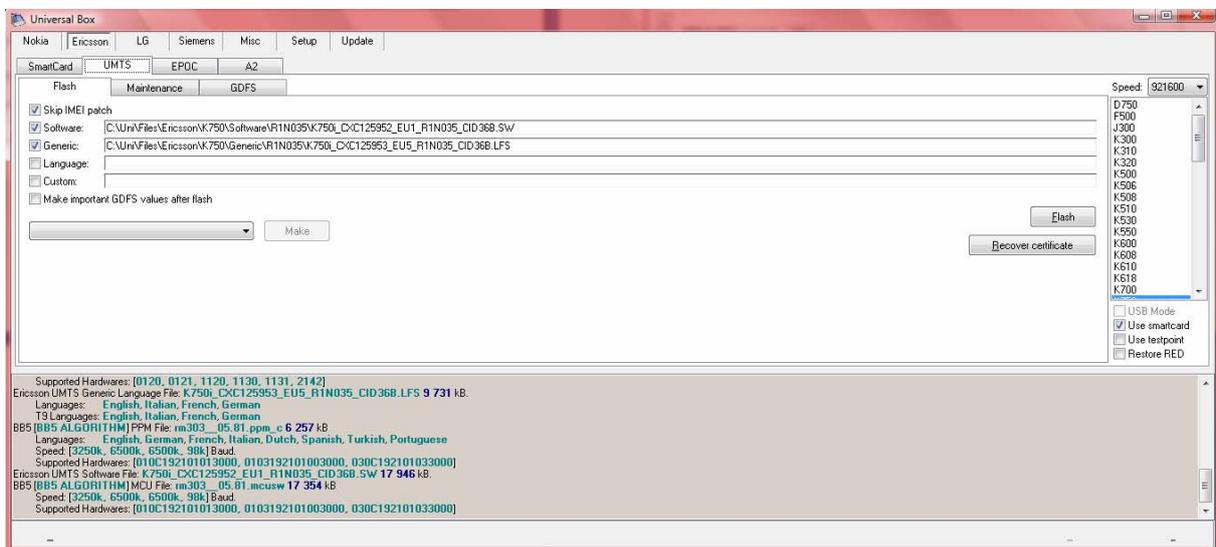
UMTS

How to flash :

Select phone model.

Select flash files. (Software versions MUST be same on software and generic)

Press the “Flash” button.



Use smartcard: leave it activated; it's needed for flashing, and other operations.

Use test point: tick this to unlock by TP.

Restore RED: Restore phone state to red. (Recommended)

Cid49–50–51 phones

Here you can change the phones cid from:

cid49,51 to cid52 red.

cid49 to cid51 red.

Maintenance

Changing imei:

Warning! Imei change in most countries are illegal! Check your local laws!

Select phone model,

Specify imei number, (or tick: use OTP imei)

Tick Patch software checkbox,

Press Do job.

OTP:

Here you can write OTP imei to Empty phones. (or new flashIC)

Please specify CID number also. And tick PAF checkbox.

Lock:

You can lock your phone to desired provider

Db2020 unlock: (by csca signature, full unlock):

These operations conduct credits from your account. Check prices at our homepage (universalbox.com) (check on our forum for availability)

Select phone model,

Press: Send Log

Wait 24–72 hours

Press Request Log. (Here you will be noticed if your log is ready or not)

If you got back your log, press Activate. And your phone is unlocked!

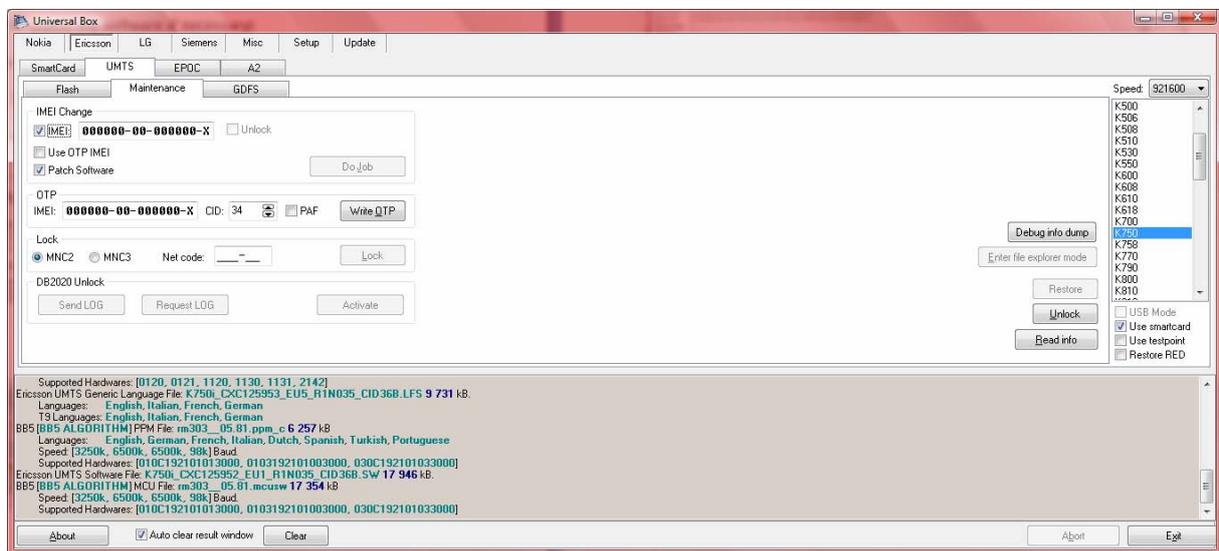
Debug info dump: This operation is like Self test at nokia. You can check for errors.

Enter file explorer: You can manage pictures, sounds and other user data also.

Restore: Restores your phones lock zone

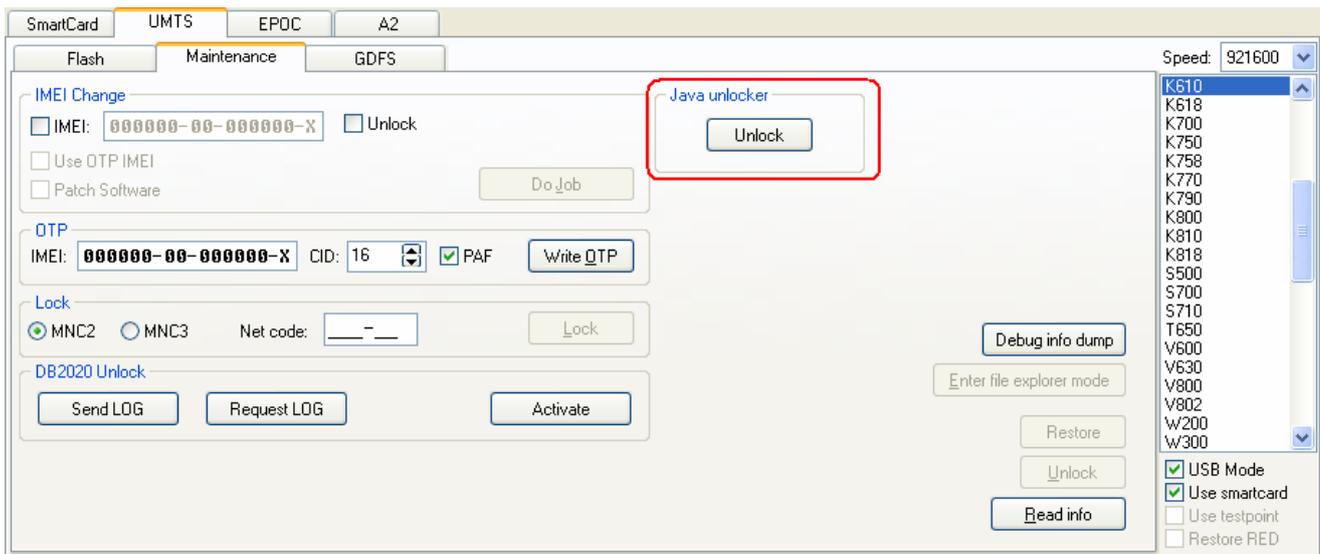
Unlock: unlocks your db2020 cid49 handset by patch.

Read info: Reads phone info, locks, software version.



JAVA unlock procedure

This should work with all available CID versions (49, 51, 52, 53) on DB2010, 2012, 2020 and PNX5230 platforms.



1. Just click to „Unlock” button.

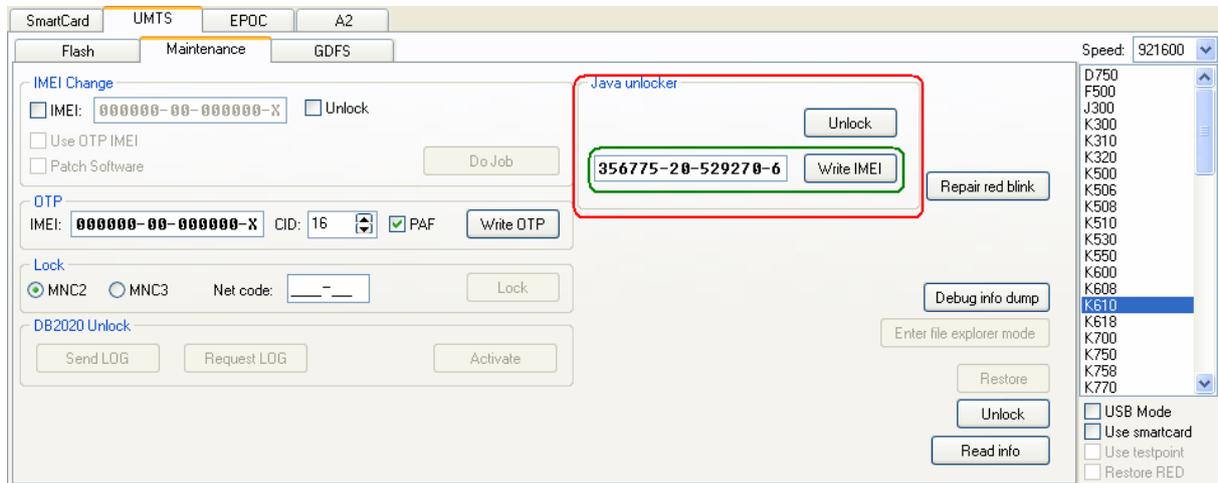
2. After java application uploaded, please turn on the phone with home network card or Motorola test card.

Go to Entertainment menu then enter Games submenu. Start Unlocker application, and wait till the phone restarts. When the phone restarted, check if the phone is unlocked or not by pressing keys: `>*<<*<*`

Enter Service info menu, then select SIM lock submenu.

If the phone is still locked start the Unlocker java application again.

Java IMEI change procedure on CID49, 51, 52, 53



Just write any IMEI at “Java unlocker” goop box and click to Write IMEI.

After java application uploaded, please turn on the phone with home network card or Motorola test card.

Go to Entertainment menu then enter Games submenu. Start Unlocker application, and wait till the phone restarts. When the phone restarted, check if the phone is unlocked or not by pressing keys: >*<*<*

If phone will not restart and hang, take battery out.

Enter Service info menu, then select SIM lock submenu.

If the phone is still locked start the Unlocker java application again.

GDFS

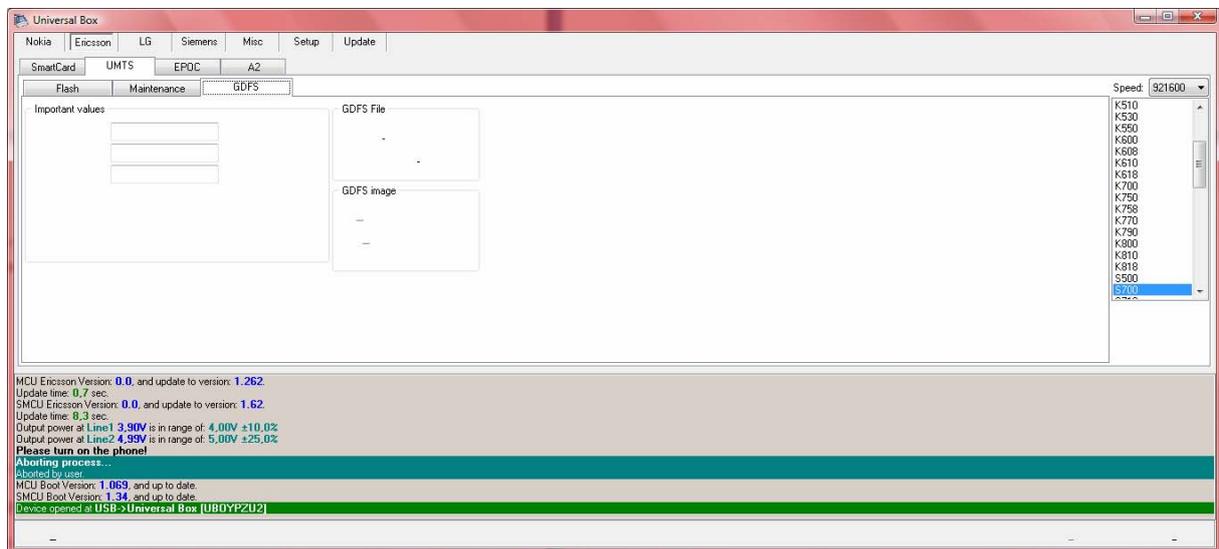
Here you can make GDFS operations.

You can edit langpack, CDA, revision code.

Reset total call timer and user code.

You can also read gdfs zone from phone, and also write gdfs file to phone.

(Not recommended for beginners)



EPOC

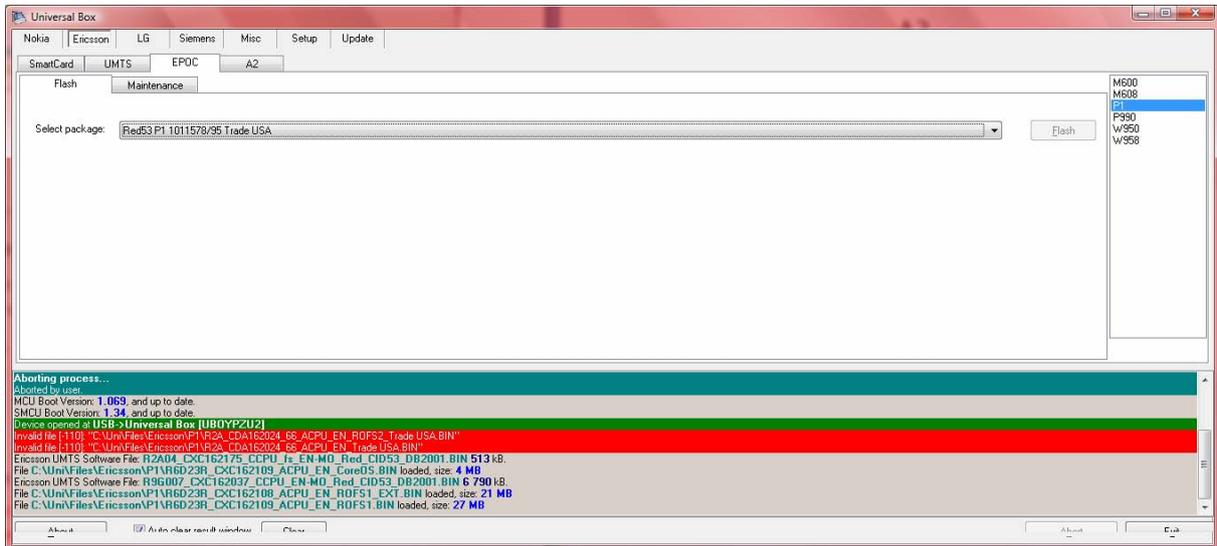
How to flash :

Select phone model,

Select package, from the drop down list, you wish to flash your phone with.

The progress window will notify you, if all files are available on your computer. If not, please download.

Press: Flash.



Maintenance

Unlock: (by csca signature, full unlock):

These operations conduct credits from your account. Check prices at our homepage (universalbox.com) (check on our forum for availability)

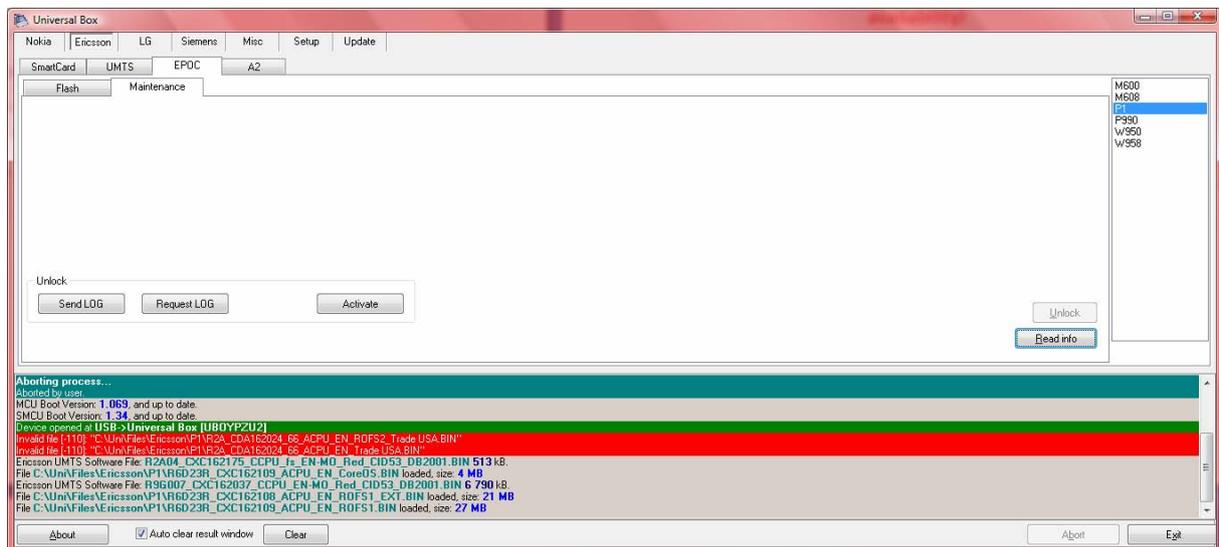
Select phone model,

Press: Send Log

Wait 24–72 hours

Press Request Log. (Here you will be noticed if your log is ready or not)

If you got back your log, press Activate. And your phone is unlocked!



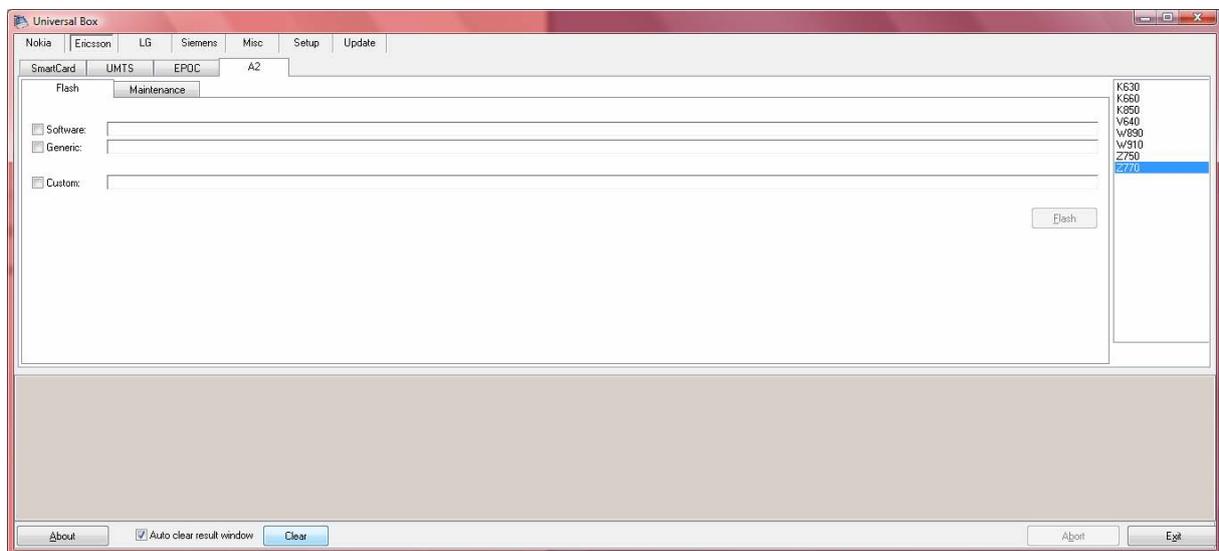
A2

How to flash :

Select phone model.

Select flash files. (Software versions MUST be same on software and generic)

Press the “Flash” button.



Maintenance

Unlock: (by csca signature, full unlock):

These operations conduct credits from your account. Check prices at our homepage (universalbox.com) (check on our forum for availability)

Select phone model,

Press: Send Log

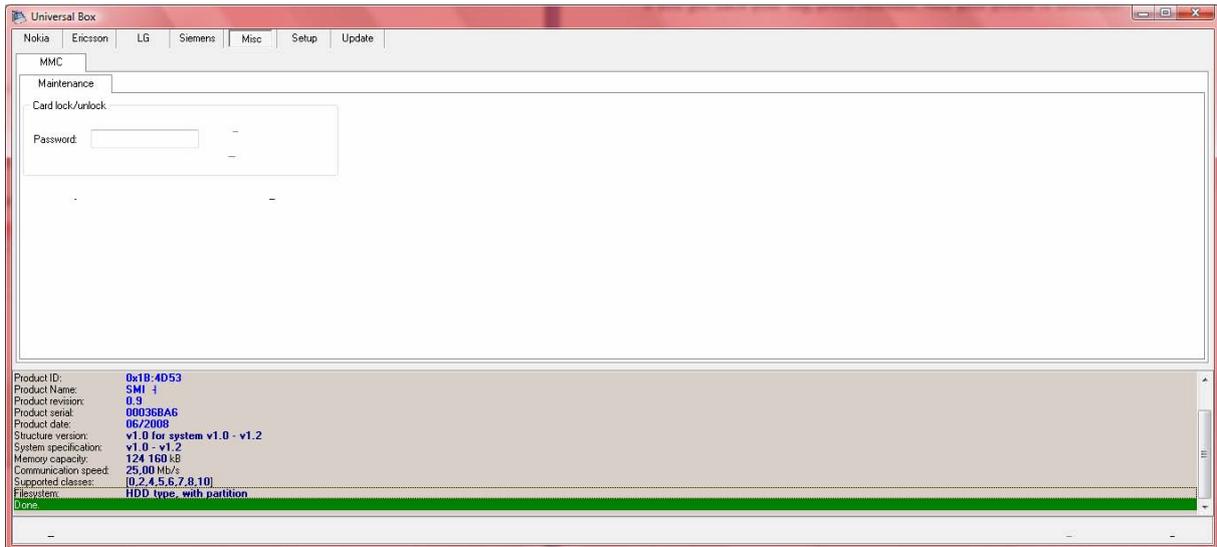
Wait 24–72 hours

Press Request Log. (Here you will be noticed if your log is ready or not)

If you got back your log, press Activate. And your phone is unlocked!

MISC

Here you can lock/unlock/reset your mmc/sd/microsd card. (You need fbus adapter)



Setup

General

Communication platform: You can set USB or LPT port. (LPT port is only available at old universal boxes.)

You can also set automatic update for universal files (recommended)

Load files on startup: Your last used flash files will be loaded to software.

Warn before credit usage: If set we inform you if an operation requires credits

User Info

Here you can register/unregister your box to your UB username (universalbox.com)

Network

Here you can set which server you want to use for downloading, and if you have proxy settings, this is the place to fill in its IP.

NOKIA

Here you can set Nokia phoenix directory's path.

Update

Self update

Update: Updates the box firmware

Files

Download section of Universal box