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Cruiser PRO2 HASP ORIGINAL

CRUISER PRO2 is the first independent software for unlocking, language change, decustomize and repair of new Sony Ericsson phones like: K700i, K700c, K500i, K500c, K506c, K508i, K508c, F500i, S700i, S700c, S710a, Z1010i, Z1010c, V800, V802SE and others. Together with this product you will get also free access for new updates !

Now you do not need internet connection or buy logs / credits.

Supported models:
NEW MODELS: Sharp V703SH, Sharp V801SH, Sharp V802SH, Sharp V902SH, Sharp V903SH, D750i, F500i, J210i, J210c, J300i, J300c, K300i, K300c, K500i, K500c, K506c, K508i, K508c, K600i, K600c, K608i, K700i, K700c, K750i, K750c, K758c, S700i, S700c, S710a, V600i, V800, V802SE, W550i, W550c, W600a, W800i, W800c, Z500a, Z500i, Z500c, Z520i, Z520c, Z800i, Z800c, Z1010i, Z1010c, LG U8110, LG U8120, LG U8130, LG U8138, LG U8180, LG U8330, LG U8380, including (R)-marked LG phones, and all older SE GSM phones. Supported are these CIDs: 16, 17, 19, 24, 27, 29, 36, 37, 41, 42 and 49
OLD MODELS: T630, T628, T610, T616, T618, Z600, Z608, P800, P802, P900, P908, T600 T602, T226, T226s, T230, T238, T66, T66c, T100, T100c, T102, T105, T106, A3618s, A3618sc R600s, R600sc, T310, T310c, T300, T302, T200, T202, T68i, T68ie, T68m, T68mc, T65s, T65sc T39m, T39mc, T687

Features:
NO LOGS REQUIRED
NO INTERNET CONNECTION REQUIRED
Supports parallel flashing of up to 16 phones. Speed up to 140MBytes per 2 minutes.
The first software for unlocking Sharp V801SH, Sharp V802SH and V902SH phones.
The first software that could unlock red CID36 phones.
Full support for red/brown CID36 phones, now without testpoint!
Can convert red CID36 phones to brown CID36 without using a testpoint.
Possibility to operate with up to 16 phones in parallel using cheap Fighter USB cables.
Possibility to operate via the original DSS
20 and DSS-25 synchronization cradles.
Unlock SIM-locks. Can also read codes (supports also 16
digit long codes).
Unlock userlock. Can also read userlock code.
Relock SIM-lock to a specific net (handy for LG phones). MNC of 3 digits is supported too.
Full security zone rebuild (unlock 4 locks closed) in R520/T39/T65 too.
Change languagepack and software customization (also without losing user data).
Contains an easy-to-use CDA tool. This allows to use the original Sony Ericsson Upgrade Service.
Upgrade phone firmware.
Upload signed file archives (SFA).
Downgrade LG filesystem to allow unlocking.
Convert D750 to K750.
Convert V800 to Z800 - to fully get rid of Vodafone customization.
Convert F500 to K500.
V800/Z800/D750/K750/W800 EROM repair. Brown and red phones of CID29/CID36.
Changing bandlock setting (to enable 1800MHz in some Z1010 phones).

Changing color of RSA certificate
to force developer units (brown) to accept retail (red) firmware.
Full support for cross-CID flashing. It is possible to flash CID16, CID17 and CID29 phones by any CID flashes.
Automatic memory configuration analysis to prevent accidental GDFS damage - unlike other tools.
Write almost any combination of languages.
Write almost any combination of T9 dictionaries.
Download languages and T9 dictionaries from the phone.
Download files from the phone.
Upload user files to the phone (audio, video, themes, etc.)
Upload any file to any position in the directory structure - for advanced users.
Repair dead, blinking and contact operator phones.
Repairing phones with completely destroyed security zone in case you have no backup.
Emptyboard programming (IMEI filling, OTP area programming, RSA certificate upload...)
Turn camera shutter sound on/off.
Backup security zone.
Restore security zone.
Recalculate all security zone CRCs.
Change phone type descriptor.
Reset air time, reset total call time, reset life time.
Reset joystick counter.
Enable/disable channel info, battery info, SIM toolkit support, SMS capability.
COMPLETE FIGHTER FUNCTIONALITY INCLUDED! (i.e. all previous phones are supported)

IMPORTANT: Software works only under Windows XP

BELOW YOU CAN FIND HISTORY OF ALL UPDATES UNTIL 13TH MAY 2006
Newer updates will be listed also.

Version 9.63 (13th May 2006):
We have decided to release separate Firmware Restoral installer.
Added **Firmware restore** button to the **Security page**. It automatically looks for proper firmware restoral file and flashes it to the phone.
Help file updated.

Version 9.61 (12th May 2006):
Added support for K510 phones.

Version 9.60 (11th May 2006):
Added support for reading unlock/relock codes from Z300.
Added support for reading flash from Z300.
Updated TAC list for Z530i.
Updated built-in customizations.

Version 9.54 (8th May 2006):

Fixed applet selection problem. Should fix the **Sending applet** problem.

Version 9.53 (8th May 2006):

Updated TAC list for T230i, T290i, T630, T637, V800, W800i, W810i, Z520i and LG U8138C.
Fixed non-English language strings.

Version 9.52 (8th May 2006):

Full support for downloading files from W810 and Z530 phones.
Help file slightly updated - more to come soon.

Version 9.51 (8th May 2006):

Some operations made faster.
Increased flasher verbosity.
Fixed minor W900-related bug.

Version 9.50 (7th May 2006):
Added functionality for non-TP flashing red CID49 phones (including W810 and Z530) with locked-down EROM area.
Added functionality for non-TP unlocking/relocking red CID49 phones (including W810 and Z530) with locked-down EROM area.
Added non-TP FS functionality for red CID49 phones (including W810 and Z530) with locked-down EROM area.
Added support for non-TP IMEI change in red CID49 phones with locked-down EROM area.
Added support for converting red CID49 K750, W800 and Z520 phones with unlocked EROM area to brown CID49.
Implemented **Unlock RSA** function for red CID49 phones.
The **Repair certificate** function is now disabled for red CID49 phones by default. There is a way to enable it, though its use is deprecated.
Added support for automatic firmware identification in red CID49 phones.
Some patchers were analyzing FOTA area by a mistake (i.e. not ignoring it) and therefore not functioning properly for some phone models.
Several applets updated.
Some built-in customizations were updated.

Version 9.23 (5th March 2006):
Installer updated.
Updated TAC list for T290a, K300a, K750i, LG U8120 and Sharp V703SHF.
Swedish language strings updated again.

Version 9.22 (1st March 2006):
Installer updated.
Debug Log functionality updated.
Minor changes to boot code.
Slightly increased flasher verbosity.
Swedish language strings updated.
Slovak language strings updated.

Version 9.21 (26th February 2006):
Installer updated.
EROM and FOTA files moved out from the help file.
From now on, the **Format GDFS** function will be unavailable. It was abused too often.
From now on, the **Flash ARM** function will be unavailable in certificate recovery mode.
Help file updated.
User manual in PDF file format released.

Version 9.20 (25th February 2006):
Minor changes to EROM area flashing code.
Updated K750/W550/W800/W900/Z520 built-in customizations.

Version 9.19 (24th February 2006):

Fixed a bug regarding **Create file package** option.
Minor changes to booting code.
Open/save dialog code updated.

Version 9.18 (24th February 2006):
Restored the ability to change IMEI on Sharp 3G phones. It was dependent on the **Unlock RSA** function which was removed for these phones recently.
Increased verbosity for operator's mistakes.
Changes in TP-handling code.

Version 9.17 (23rd February 2006):
Updated langpack description for W900.
Fixed bug in GDFS access code for phones with baseband IDs 0x8000 and 0x8040.
Reduced importance of **Unlock RSA** function. It should not be needed for brown and blue phones anymore.

Version 9.16 (22nd February 2006):
Minor changes in RSA phone booting and shutdown code.
Updated TAC list for J210i.
Redundancy decreased again.
Other minor bugfixes.
Note: *It is recommended to fill* ***all*** *SE emptyboards regardless of their phone type by brown CID49 certificate via CID49 recovery boot and certificate repair.* **Version 9.15 (22nd February 2006):**
Added support for unlocking several new U8180 firmwares.
Updated ARM 2004/2005 FAQ help-file section.
Added FAQ help-file section for Sharp 3G phones.
Updated LG U8110/U8120 unlock procedure descriptions. Thanks to Aamir_Zia and DonaldDuck69.
Updated LG U813x/U8180/U83x0 unlock procedure descriptions.
Fixed bug in langpack description for K700.

Version 9.14 (19th February 2006):
Added support for unlocking several new U8330 firmwares.
Updated TAC list for Siemens C62.
Fixed minor T610 bug manifesting itself on some Windows versions.
Updated LG U8550 block list combo-box for flash reading.

Version 9.13 (19th February 2006):
Fixed AVR flashing bug from version 9.10.
Updated TAC list for J300i and K300i.
New firmware patcher engine implemented. (Applied to LG for now, Sharp and SE later.)
Added support for patching newer LG 3G firmwares.

Version 9.12 (16th February 2006):
Fixed minor RSA unlock bug.

Version 9.11 (16th February 2006):
Flasher modules updated again.

Version 9.10 (16th February 2006):
It is possible to open more flash files at once.
Note: *Just hold the Ctrl key while selecting files.*
It is possible to customize filesystem automatically right after flashing raw FS.
All flasher modules were updated.
Minor changes in CID54 configuration analysis code.
Modified default state of **Extended config** options.
Phone Firmware Backup (.pfb) files created in this version are not backwards compatible (i.e. should not be used with previous versions).
The **Lock to network** option should not be enabled for red CID41/42 phones.
Fixed minor FS customization issue.
Fixed minor GDFS/FS bug from version 9.00.
W550 (new HW) testpoint picture updated.
Updated TAC list for T290a, K300i and K700i.
Communication code updated.
Startup code modified.
A few memory leaks removed.

Version 9.03 (9th February 2006):
Added special flashing options for new ARM phones.
Fixed RSA AVR booting bug from version 9.00.
Fixed minor security zone creation bug.
Updated V/K60x testpoint pictures.

Version 9.02 (8th February 2006):
Fixed GDFS and FS access bug from version 9.00.
Fixed brown/blue CID37 booting bug from version 9.00.

Version 9.01 (8th February 2006):
Fixed Sharp 3G flashing bug from version 9.00.

Version 9.00 (7th February 2006):
Implemented LG U8550 red CID54 unlocking without using testpoint. World's first again!
Fixed a bug in flashing raw FS files via EPI USB.
Fixed slow-flashing bug for ST Microelectronics chips.
Fixed occassional Sharp 3G flashing bug.
Changes in Sharp 3G functionality.
Changes in LG 3G functionality.
Enabled flash reading from new ARM phones for all users.
Added full support for Blue CID49 phones with baseband chip ID 0x7100.
Some operations on Blue and Brown phones were made faster.
Added support for TMS cable autodetection.
Fixed bug in **Disable/Enable OTP IMEI check** function for new ARM phones.
The previous code was excessively optimized
Fixed minor J300 file selection issue.
Updated TAC list for Z300i, Z300a and K750i.
Redundancy decreased again.

Version 8.11 (30th January 2006):
Released flash file for unlocking LG U8550. In this version it has to be flashed via TP.
To repair phones damaged by other tools tick **Overwrite flash certificate** option.
It should be no more necessary to unlock RSA before unlocking new Sharp phones via patching.
Installer updated.

Fixed a bug regarding P910a phones.
Updated TAC list for T630i and Sharp V703SH.
Several prototype-related updates.
Built-in customizations updated.

Version 8.10 (22nd January 2006):
Ongoing software architectural changes.
Redundancy decreased.
Added support for programming W810/Cleo/Mulan empty-boards.
Downloading files from K750/W800/Z520 enabled for all users.
Downloading files from W550/W600 enabled for all users.
Downloading files from W900 enabled for all users.
Updated TAC list for T230i and J200i.
The 'USB interference occurred' message should appear less frequently when using nonconforming cables.
Added support for TMS cable.
Thrown away the old, sporadically working, help engine.
Updated many texts in Cruiser help file. Thanks to Muppet.
Help file completely reorganized. Now it seems to be more topologically correct.
Help file screenshots updated, descriptions updated too.
Help file EROM-files updated.
W900i testpoint picture included to the help file.
The **LangPack** info button should be reliable now.
The **F1** key should reliably invoke the relevant help topic. It works in the **Settings** window too.
Added support for CID19 EROM recovery.
Debug Log functionality modified so that it can be used with Windows Notepad.
Security I renamed to **Security AVR**.
Built-in customizations updated.

Version 8.00 (14th January)
Implemented red CID49 unlocking and flashing without using a testpoint.
The real standalone way, no EMMA smartcard usage, world's first!
Supported phones are W550i/c, W600i, K600i/c, K608i and V600i. More models coming shortly.
Loaders updated.

Version 7.16 (13th January)
Installer updated. New cable driver version (2176) included.
Built-in customizations updated. Experimental FOTA support added.
Some GDFS-related changes.
Changes in unlock functionality.
Slightly changed functionality of the phone type filter.
Added support for two new flash IDs.
RSA configuration analysis code updated again.
Loaders were updated.
Minor architectural changes.
Allowed to change language to Chinese/Malay for non-Chinese and non-Malay card users.

Version 7.15 (1st January 2006):
Several communication scripts updated.
Updated TAC list for W900i, W800c, W550i, Z520i, Z520c, Z520a, K600i, K608i, J210i, T230i and T290a.
LG U8380 testpoint included to the help file.
Added an option to write **replacement unit** customization.
Btw, happy new year!

Version 7.14 (31st December 2005):
Another K608i testpoint picture included to the help file.
J210 World Generic decustomization has been released.
J210 repair file has been released. Remember to recalculate CRCs (the phone should be attached as J200).
Repair EROM functionality updated to reflect W900 phones. Brown CID49 phones are supported now.
Brown CID49 FOTA (Flash-Over-The-Air) repair files for W550, W600, S600 and W900 have been added to the help file.
Some loaders were updated.
Note: *If your phone freezes right after powering on, try direct unlocking it.*

Version 7.13 (29th December 2005):
Cruiser is now available in English, Chinese, Czech, Greek, Indonesian, Malay, Polish, Russian, Slovak and Swedish languages.
Many thanks to 9Volto for preparing Greek translation.
Added **Language** page to the **Settings** window. This page is not shown for Chinese, Malay and Indonesian cards.
Updated TAC list for T290i, K750i, Z520a, W600i, LG U8360, Siemens C62.
GDFS configuration bug fixed for Z520a. No need to attach them as Z520i/c anymore.
Implemented several FS-related functions for brown CID49 W550/W600 phones.
Updated W600i built-in customizations.
Updated W900i built-in customizations.

New brown CID49 to red CID49 conversion EROM file for W550/W600 phones has been included to the help file.
Some prototype-related updates.

Version 7.12 (22nd December 2005):
Fixed EROM repair issue for brown CID49 K608.
Updated W900i langpack info.
Some changes to applet upload strategies.

Version 7.11 (3rd December 2005):
Added support for flashing CID54 phones (LG U8550) without using testpoint.
RSA configuration analysis code slightly updated to reflect CID54-related changes.
Increased robustness of RSA configuration analysis code to prevent potential crashes on invalid flash content.
Added alternate method of replacing RSA certificates.
Fixed one bug in low-level communication code.
Fixed small bug in **Repair certificate** function.
Fixed one previously introduced bug in GDFS access for P910.
Updated K750i built-in customizations.
Updated W800i built-in customizations.
Updated TAC list for K300i, K700i, T290i, LG U8330 and Sharp V903SH.

Version 7.10 (22nd November 2005):
From now on it is possible to download files from FS to special archive files in **.cfp** (Cruiser File Package) format.
From now on it is possible to upload **.cfp** package content to phone FS.
An LG U8550 testpoint picture added to the help file.
Updated W600i built-in customizations.
Updated K608i built-in customizations.
Updated K700i built-in customizations.
Fixed '5E0W' customization bug from version 7.00.
It is now possible to enable GSM/3G selection menu in SE 3G phones (K600, K608,...).
Fixed some bugs in Polish translation.
The **Customize FS** button was moved to **Flash ARM** page.
Fixed occassional K600/K608/W900 booting bug.
Updated W550i/W550c/W600i langpack info.
Updated TAC list for K700i.

Version 7.00 (17th November 2005):
Added support for **fast direct unlock** of Sharp V703SH/V903SH/SX313/SX833 phones.
Anyway, this is the fastest way of unlocking these phones available on the market.
The direct OTP/GDFS check enable/disable function should be much more generic - now it handles Sharp V703SH/V903SH/SX313/SX833 firmwares too.
Support for unlocking any-CID ARM phones with baseband chip IDs 0x7000, 0x7100, 0x8000 and 0x8040. Even W900 phones.
Support for flashing any-CID ARM phones with baseband chip IDs 0x7000, 0x7100, 0x8000 and 0x8040 without changing primary certificate.
New K600/K608 testpoint picture added to the help file.
A W550 testpoint picture added to the help file.
A W600 testpoint picture added to the help file.
The fast LG 3G unlocking functionality via firmware patching was extended to support some LG U8550 firmwares.
Added support for locking OTP area in LG 3G and Sharp 3G empty-boards.
Added an option to write new Bluetooth MAC address to RSA-protected ARM-based SE phones. It is available among **Modify GDFS** options.
RSA boot options have been modified.
Certificate recovery function updated.
Repair EROM functionality updated to reflect W550 and W600 phones. Both brown CID49 and red CID49 phones are supported now.
Fixed minor bug in RSA configuration analysis code.
Updated **Customize FS** function.
Updated TAC list for W600i, J300a and K750i.
Some changes in Chinese translation.

Version 6.10 (5th November 2005):

Added support for unlocking J210 phones.
The **Recalc DCRCs** button was enabled for J210 by a mistake.
Notice: *Please prefer using reading codes to direct unlocking when possible.*

Version 6.05 (28th October 2005):

W550 built-in customizations list updated.
Fixed an issue with unlocking some Siemens C62 phones.
Fixed a bug in direct OTP/GDFS check disable/enable function regarding LG 3G phones with old firmwares.

Version 6.04 (26th October 2005):

Added support for GDFS identity changing for CID17 LG 3G phones. (Not available in Legal Edition)
Added support for GDFS identity changing for CID41 and CID42 LG 3G phones via testpoint. (Not available in Legal Edition)
Added support for GDFS identity changing for CID24 Sharp 3G phones. (Not available in Legal Edition)
Added fast direct OTP/GDFS check disable/enable function for CID17, CID41 and CID42 LG 3G phones and for CID24 Sharp 3G phones. (Not available in Legal Edition)
Note: *For LG U8360 and LG U8380 it is necessary to unlock phone via patching.*
Added support for explicit restoring of GDFS identity.
Fixed a flashing bug that caused U8380 v10A firmwares to be unlocked incorrectly.
Another change to RSA protection unlocking code.
Slightly increased verbosity of GDFS access initialization error handling code.

Version 6.03 (26th October 2005):

K600/K608 testpoint pictures updated.
Minor change related to unlocking RSA protection of OTP CID29 phones with baseband chip IDs 0x8000 and 0x8040.
Updated direct OTP/GDFS check removal code to support older firmware versions.
Slightly increased verbosity of applet error handling code.
Added function for fast restoring firmware OTP/GDFS check.
Added support for flashing **.pfb** (Partial Firmware Backup) files that are created before every partial ARM firmware modification (direct LG unlocking or OTP/GDFS check disabling/enabling).
Fixed a bug in Polish translation.

Version 6.02 (24th October 2005):

Fixed an issue with Sharp V703SH phone type autodetection.
Fixed a bug regarding flashing Sharp V903SH phones by certain flash files.
Another minor updates.
Installer updated.

Version 6.01 (24th October 2005):

Fixed an issue with Siemens C62.

Version 6.00 (24th October 2005):

Added boot support for Siemens C62 (CID27).
Added support for flashing original SSW files into AVR-based phones (e.g. Siemens C62).
Added support for direct unlocking Siemens C62 v25, v26, v27 and v28.
Added support for relocking Siemens C62 v25, v26, v27 and v28.
Z520 built-in customizations list updated.
Other changes in built-in customizations.
Added GDFS identity changing for ARM phones with baseband chip IDs 0x7000, 0x7100, 0x8000 and 0x8040. (Not available in Legal Edition)
Added fast direct OTP/GDFS check removal function for new ARM SE phones. (Not available in Legal Edition)
Minor change in file download functionality. It should copy empty directories too.
Updated TAC list for W550i, Z520i, W800i, K300i, K700i, Sharp V703SH and V903SH.
Removed possibility to change CID41 and CID42 phones to brown color due to a safety reason.
Added boot support for J210.
Added support for flashing J210.
T9 dictionaries removal has been separated from language files removal function.
Added displaying of flash certificate name while booting new ARM phones.
Internal FW database extended.
The **Write to OTP** function now allows ordinary users to choose from more CIDs.
Released Sharp V902SH to SX813 conversion flash file.
Released Sharp V903SH to SX833 conversion flash file.
Released Sharp V903SH testmode flash files.
Added boot support for CID49 phones with baseband chip IDs 0x7000 and 0x7100 (K608, etc).
Added **Direct unlock** for Brown CID49 phones.
Added **Lock to network** for Brown CID49 phones.
Added **Reading codes** from Brown CID49 phones.
Added **Save security** for Brown CID49 phones.
Added **Restore security** for Brown CID49 phones.
Added support for booting CID49 phones (red and blue via TP for now).
Added support for flashing Brown CID49 phones.
Added support for flashing Red/Blue CID49 phones via TP.
Added support for changing RSA certificate color of CID49 phones (by using TP for now).
A brown CID49 to red CID49 conversion file for K608 has been included to help. It is not necessary to reflash phone firmware after using this file.
Added fast LG 3G unlocking functionality via firmware patching. Automatically saves a firmware backup file to the **Data/ARM flash backups** folder. Supported are these models: U8130, U8138, U8180, U8330, U8360 and U8380.

Possibility to upgrade LG U8138 to U8180.
Possibility to upgrade LG U8130 to U8330.
Czech language strings updated.
Polish language strings updated.
Help file updated - added Siemens C62 pinout, some LG 3G secret codes, etc.

Version 5.02 (1st September 2005):

Important notice: Do not attempt to convert OTP CID37 phones to any other CID!
Otherwise you will not be able to boot the phone anymore. Cruiser does not allow you to do that, but other software may.
Cruiser is now available in English, Chinese, Czech, Indonesian, Malay, Polish, Russian, Slovak and Swedish languages.
Fixed one chicken-and-egg situation with **Unlock RSA**.
Fixed one FS-access bug regarding K750/W800 phones that was introduced with version 5.00.
From now on the **Format GDFS** option is protected by a password "KILL THE PHONE".

Version 5.01 (31st August 2005):

Updated TAC list for W800i and J210i.
Fixed an OTP IMEI (non-)insertion bug in the **Security I** page.
RSA unlocking functionality slightly modified.

Version 5.00 (30th August 2005):

Added function for easier replacing of flash certificates. A list of compatible certificates is displayed in the combo box located below the **Replace certificate** button.
Note: *Latest EROMs require you to restore the flash certificate back to its original state to allow the phone to be turned on.*
Updated TAC list for K750i, W800c, V600i, K608i, K600c, J300i, J300c, T290i and T290c.
W800 built-in customizations list updated.
Minor CID17-related changes.
Write bandlock functionality slightly modified.
Added theoretical support for old S988 prototypes.
Added support for flashing LG U8360.
Added support for flashing Sharp V903SH.
The user interface has been modified.
Flash BT function has been separated from **Flash ARM**.
Added reading codes for CID37 phones.
Recover Certificate function now supports CID37 phones.
Note: *An attempt to start a CID37 phone containing working firmware in a recovery mode will fail.*
Implemented **Unlock RSA** function for CID37 phones.
The **Unlock RSA** button should not be enabled in recovery mode.
Flasher functionality modified for CID36 and CID37.
Added **Customize FS** function for CID37.
Added **Turn camera sound on/off** function for CID37.
Added **Modify GDFS** functionality for CID37.
Added **Write to GDFS** functionality for CID37.
Added **Save security** for CID37.
Added **Restore security** for CID37.
Added **Direct unlock** for CID37.
Added **Lock to network** for CID37.
Added **Read GDFS zones** for CID37.
Added **Upload files to FS** for CID37.
Added **Language operations** for CID37.
Added **Write to security zone** for CID37.
Lock OTP area now supports CID37.
Added **Repair EROM** function for CID37 phones.
Note: *Reflash the main firmware when using this function for brown CID37.*
Added **Format GDFS** function.
Added **Remove RSA unlock traces** function. It is located among **Modify GDFS** options.
Unused code removed.
Help file slightly updated.

Version 4.30 (14th July 2005):

K600/V600 built-in customizations list updated.
K600/V600 flash file handling improved.
Help file updated - K600/V600 language pack info added.
Added support for direct handling of blue CID36 phones (recovery mode not required anymore).
Minor changes in code accessing the FS of brown CID36 phones.
Increased verbosity of GDFS error handling code.
Conversion to brown CID36 for baseband chip IDs 0x8000 and 0x8040 has been optimized.
Conversion to brown CID36 for baseband chip IDs 0x7000 and 0x7100 has been optimized.
Introduced detection of data bus interferences for LG phones.

About-box information slightly updated. Now 170 phone types are supported.
Help file CID information updated.
Added **Special Files** topic to the **Additional Info** section of the help file.
Open-flash-file dialog boxes accept **.erom1** and **.erom2** file types where appropriate.
The **Force RSA recovery** combo-box now displays manufacturer names too.
Minor changes in UI.

Version 4.24 (10th July 2005):

Allowed direct flashing of normal flashes in recovery mode for CID41 and CID42.
Conversion to brown CID36 requires phone analysis performed. Otherwise it displays an error message.
Minor changes in K600/V600 functionality.
Added support for S600i/S600c/W600a.
Some applets updated.
Booting code modified.
Flashing code modified.
Flash file open dialog code updated.
File-system functionality for brown CID36 phones reenabled.
Fixed some issues with prototype CID36 phones.
Fixed a bug in **reset life-timer** functionality.
Updated TAC list for LG U8380.
The **Turn off phone** button should be enabled for unidentified new ARM phones.
The **Repair certificate** button was disabled in some cases.
Camera focus sound is now affected by the **Camera sound on/off** function too.
Added support for flashing brown CID19 phones (EMP).
Added phone type filter.

Version 4.20 (29th June 2005):

Added support for converting K750 phones to W800.
Added support for Z520i/Z520c.
Increased safety when converting red CID36 phones to brown CID36.
Sharp 3G flashing speed via Fighter/Cruiser cable slightly improved.
The main executable and help file are now stored outside the installer. Version 4.15 (24th June 2005):

Fixed one bug introduced in the previous version.

Version 4.14 (23rd June 2005):

Installer updated.
It is possible to use Z800 files for V800/V802SE phones directly.
Reading phone certificate caused problems while flashing composite flash files via EPI USB.

Version 4.13 (21st June 2005):

Added support for cross-CID flashing of CID41 and CID42 phones without testpoint.
Minor change in UI.

Version 4.12 (20th June 2005):

Minor change in Upload files to FS function.
K750i/D750i language pack info updated again.
New brown CID36 to red CID36 conversion file for K750/D750/W800 has been included to help. It is not necessary to reflash phone firmware after using this file.
Flash file format modified.

Version 4.11 (18th June 2005):

K750i/D750i built-in customizations list updated.
K750i/D750i language pack info updated.
Built-in EROM recovery function for K750/D750/W800 phones improved. It should be possible to flash more phones at once via EPI USB too.
Chinese language strings updated.
Help file extended by a description of CID36 phone operations.
Brown CID36 to red CID36 conversion file for K750/D750/W800 has been included to help. It is not necessary to reflash phone firmware after using this file.

Version 4.10 (13th June 2005, beta version):

Added support for red CID36 to brown conversion (without testpoint, of course).
K750/D750/W800 red CID36 phones are now fully supported.
Added Unlock RSA function for red CID36 and CID24 phones.

Added Upload SFA function for red CID36 phones.
Added Write raw FS function for red CID36 phones.
Added Customize FS function for red CID36 phones.
Added Language operations function for red CID36 phones.
Added Upload files to FS function for red CID36 phones.
Added Camera sound on/off function for red CID36 phones.
Added Save security function for red CID36 phones.
Added Restore security function for red CID36 phones.
Added Read GDFS zones function for red CID36 phones.
Added Modify GDFS function for red CID36 phones.
Added Write to GDFS from file function for red CID36 phones.
Added support for backup of battery calibration zone of new ARM phones.
Added support for backup of display calibration zone of new ARM phones.
Added support for backup of audio calibration zone of new ARM phones.
Added support for backup of radio calibration zone of new ARM phones.
Built-in customizations list updated and extended by J300i data.
Installer updated. EPI USB driver included to allow faster flashing of LG 3G, Sharp 3G and V800/Z800/Z1010 phones.
Added an option to flash faster via EPI USB.
Added support for EROM recovery in red/brown CID36 K750/D750/W800.

Version 4.02 (8th June 2005):

A Sharp V801SH GDFS related issue fixed.
Updated TAC list for LG U8330.

Version 4.01 (8th June 2005, beta version):

Added experimental support for Sharp V801SH.
Updated applet for Sharp 3G phones.
Added support for flash ID 0x890F.
Added support for flash ID 0x8910.
Fixed a bug causing some buttons to be disabled for LG phones under certain circumstances.
Sharp connector picture updated.

Version 4.00 (7th June 2005):

Released pinout for Sharp V802SH and V902SH phones. It is in the help file.
Added Direct unlock support for Sharp 3G CID24 phones.
Added Lock to net support for Sharp 3G CID24 phones.
Added Save security and Restore security support for Sharp 3G CID24 phones.
Force RSA recovery options now include CID24, CID41 and CID42.
Added displaying of flash manufacturer when booting new ARM phones

Version 3.94 (5th June 2005, beta version):

Added reading codes from CID41 (LG U8180) and CID42 phones via testpoint.
Cross-CID flashing extended to CID17/CID41/CID42.
Cruiser automatically patches flash files by replacing their RSA certificate. Usage: it is possible to flash U8180 by U8138 firmware.
Fixed an issue with flashing R600.
Added support for EROM recovery in very rare brown CID16 V800/Z800.
Updated TAC list for T610, F500i, K506c, K700i, Z800i, K750i, K750c and D750i.
Help file updated.

Version 3.93 (3rd June 2005):

V800/Z800 CID testpoint released.
EMMA smartcard mutex is now released correctly.
Flash file open dialog code updated.
Due to many requests, Direct unlock and Read codes work now much faster on new ARM phones.
Cruiser closing issue fixed.
Updated TAC list for Z200, Z600, Z608 and LG U8100,

Version 3.92 (1st June, gamma version):

K300 CID testpoint released.
Built-in customizations list expanded.
Fixed an issue with handling Z800 red CID36.
Fixed a bug in EROM repair for red CID29 V800/Z800.
Fixed a bug causing the Direct unlock to be disabled for J200/Z200/T100/A3618 phones.
Repair EROM shall not be enabled in certain situations.

LG unlocking functionality was disabled by a mistake.
A baudrate-related modification regarding LG phones. Version 3.91 (1st June 2005):

Reworked unlocking/relocking of red CID36 phones via testpoint.

Added a button for conversion from red CID36 to brown CID36 (via testpoint).

Version 3.90 (31st May 2005):

Added support for full security zone rebuild of R520/T39/T65 phones (i.e. phones with baseband chip ID 5C05 and 5C06). Throughout last 4 years nobody else was able to manage it. It appeared to be almost impossible. But henceforth you can repair 4 locks closed or any other software-related problem.

The Redirect SCRC check to zone II checkbox has been removed.

The Security II page was removed as it has been made superfluous by extending the Security I page functionality to R520/T39/T65 phones.

Updated TAC list for LG U8180, K500i, K300i, V802SH and V902SH.

Installer updated. It enables displaying hidden/nonpresent devices in Device Manager under Windows 2000/XP.

Once again, some baudrate-related modifications.

Malay and Slovak language strings updated.

Direct unlock button was enabled for all LG 3G phones by a mistake. Use read codes instead.

Debug Log feature released to public.

Help file updated - added info on how to boot unbootable P900 smartphones.

An error message is now shown when trying to boot an incorrectly upgraded P900 to a P910. Such phone has to be booted using a testpoint connected to GND.

Boot code modified.

A few changes in configuration analysis code.

Minor modifications to the Settings window, mostly EMMA smartcard related. Be sure to enter correct PIN for your EMMA smartcard.

Added a possibility to boot AVR based phones starting from R520m by means of an EMMA smartcard.

Added support for changing phone languages in red CID36 phones (J300/K300/Z800/K750/W800/K600/V600/new K700/new V800) by means of an EMMA II smartcard.

Added full support for brown CID36 phones (J300/K300/Z800/K750/W800/K600/V600/new K700/new V800).

Now it is possible to specify which recovery applet (for which CID) to use when booting the phone. This feature is intended to allow RSA unlocking via testpoint.

Added function to repair \"no network\" problem on new T630 phones that have been damaged by downgrading firmware.

A few memory leaks removed.

Emptyboard programming of new ARM phones (including J300/K300/Z800/K750/W800/K600/V600) released for all users.

Added function Repair certificate to simplify phone revival on flash failure.

Added function Repair EROM to simplify EROM area repair in red and brown phones of CID29 and CID36.

Added detection of CID42 LG 3G phones.

Added support for flashing red LG U8xxx with CID42.

Fixed an issue causing R380 PDA-part boot problem.

Added experimental support for booting, flashing and cloning Hedvig prototypes.

The button-enabling system has been modified to reflect smartcard presence and various CID options.

Corrected one progressbar update related issue.

Some obsolete flashing options removed.

Version 3.82 (14th April 2005):

Booting baudrate limited to 230400Bd for older phones. Previously the limit was set to 115200Bd, but the version 3.80 removed the boot baudrate constraint, causing occassional boot problems.

Removed File System tab bug from version 3.81.

Version 3.81 (14th April 2005):

Fixed two issues related to built-in customizations.

Version 3.80 (13th April 2005):

Cruiser is now available in English, Chinese, Indonesian, Malay, Polish, Russian, Slovak and Swedish languages.

Now it is possible to put red flashes into brown and blue phones of CID16, CID17 and CID29 without converting them to red. The phone certificate is not affected.

Added full support for cross-CID flashing. It is possible to flash CID16, CID17 and CID29 phones by any-CID flashes. The phone CID and color are not affected.

Added support for flashing red and blue LG U81xx of CID17 via simple serial cable too.

Added support for flashing red LG U81xx of CID41.

Baudrate subsystem completely refactored.

Baudrate page from the Settings window was replaced by the Limit baudrate combobox in the Primary page of Control window.

Baudrates used for flashing PDA part of P80x/P910 are limited to 460800Bd when using USB cables that are not enhanced by adding two resistors. This is not related to DSS-20 nor DSS-25.

Installer updated - minor Windows 98 issue fixed. An error message might have been displayed when no error occurred.

Customize FS functionality slightly modified.

CS applet communication made more verbose.

Available free space is now displayed before writing user files to the phone.

Help file updated.

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