

Entropicly Secured "ChameleonSMS" Operations Manual (Version 2.0)

Table of Contents	Page
1. Finding ChameleonSMS in Your Phone	3
2. Starting ChameleonSMS.....	4
3. Creating and Sending ChameleonSMS Entropicly Secured Messages	5
4. Receiving and Reading ChameleonSMS Secured Messages ..	7
5. Forwarding Received Messages	9
6. Message Forwarding Shortcut (in Advanced Version)	10
7. Address Book	11
8. Changing Password	13
9. Conditions of Installation and End User License Agreement (COI & EULA).....	14

Note

- Some of the features described in the manual may not be supported by all mobile phones, hence may not be available in those phones.

- If you encounter problems starting ChameleonSMS, please turn off your hand phone and turn it on again, to restart/boot the operating system. Then start ChameleonSMS again.
- After using the application, always exit the application completely to protect the messages in the application behind the password.

1. Finding ChameleonSMS in Your Phone



Locate the application ChameleonMidlet in the appropriate folder where JAVA™ applications are normally kept. This may vary from phone to phone either of the following locations.

- Desktop
- Games and Application folder
- Java world
- User Folder

Select the Chameleon Midlet and Press 'OK' to launch the application.

2. Starting ChameleonSMS



Enter the default password, "pass". In the interest of security, it is recommended that you change your password immediately and continue to change the password on a regular basis. Change password procedures are described on Page 13.

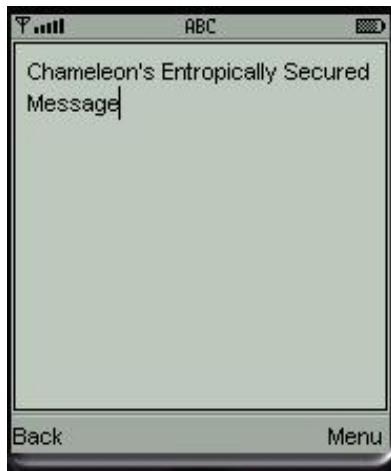
Note: Avoid using passwords related to you, like birth-date, family names, car-number, phone number, addresses, etc. It is best to use something absolutely random and PLEASE DO NOT FORGET YOUR PASSWORD. There is no way to access the application in case of a lost password. All your data may be lost.



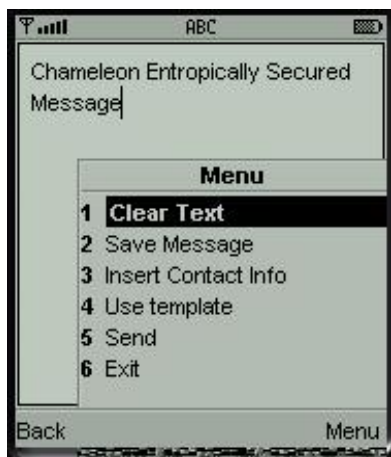
Following correct entry of your password, you will be able to access the main menu of the ChameleonSMS Application.

Note: Do not leave the application in its open state. After using the application, always exit the application completely to protect the messages in the application behind the password.

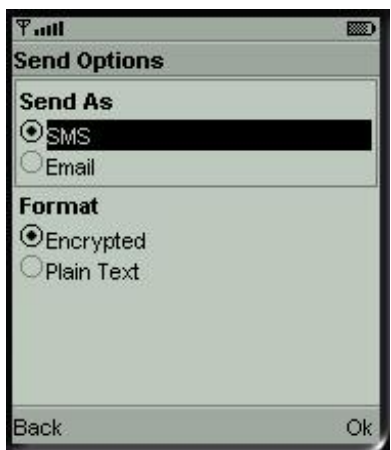
3. Creating and Sending Chameleon SMS Entropically Secured Messages



Selecting "Create Message" from the Main Menu will take you to the message composer screen. You can now type the message you wish to send securely, as per the example shown. Language and auto-spell support may be available depending on the phone.



After typing your message, select the 'Menu/Ok' option to display the 'Send' option.



In the "Send Options" menu select:

- SMS

and

- Encrypted

Then press 'Ok' to display 'Phone Number' menu.



In the 'Phone Number' menu either type the recipient's number or select it from the available address book/s and press 'Ok' to display the encrypted message.



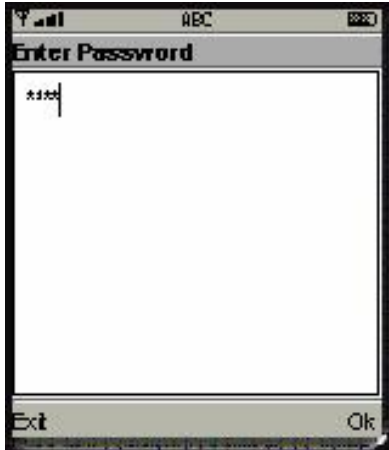
The message will be encrypted using an '*entropically*' (randomly and chaotically) generated code.



You may still append unencrypted text to the encrypted text before the '<' and after the '>' symbol. Then press 'Ok' to send your message.

Important: Do not change or type anything between the '<' and '>' signs, otherwise decryption would no longer be possible.

4. Receiving and Reading ChameleonSMS Secured Messages



In a JAVA™ MIDP 2.0 phone, receipt of a message will automatically activate the ChameleonSMS application, prompting for the password. Enter the password accordingly.

Note: In some phones, JAVA™ may prompt permission to start the ChameleonSMS application first. In such phones, audible alerts would not be possible on message receipt.



After entering the password, you will be brought to the Main Menu.

Select 'Messages' option and press 'Ok'.



Select 'Inbox' option from the Message Menu, to display incoming message/s listing.



In the Inbox, scroll to the message you wish to read. Press the 'Menu' button and select the 'Read' option to open the message.



You will see the message in encrypted text. Press the 'Menu' button and select the 'Decrypt' option to read the message.



The decrypted message will be displayed on your screen.

5. Forwarding Received Messages



Messages in the Inbox, Outbox and Templates can be forwarded. Select the appropriate folder.



Select the message you wish to forward, then select the 'Read' option, followed by the 'Decrypt' option to view the message.



Select the 'Forward' option once the message has been viewed.

Note:

- Always view the message before the message is being forwarded.
- Further text can be added to messages being forwarded.

6. Message Forwarding Shortcut (in Advanced Version)



If you have the advanced ChameleonSMS, you may immediately select the message to forward it. Select the message and directly choose the 'Forward' option.



The message will be automatically be decrypted. Then select the 'Send' option to forward the message.

7. Address Book



Select the 'AddressBook' option from the Main Menu to access the ChameleonSMS secured address book.

Note:

- Record phone numbers that you wish to protect from public view in this ChameleonSMS address book.
- In some makes of phones, you will also be able to view and access the native address book inbuilt with the phone.



You may now

- Locate Contact/s
- Add Contact/s
- Delete Contact/s
- Export Contact/s (Not Available)
- Import Contact/s (Not Available)



You may locate a contact by typing the name or part of name of contact and press the 'Ok' option.



You may add new contacts by selecting the 'Add Contact' option and completing the particulars followed by the 'Ok' option to record the entry.



You may add contacts directly from the messages in the Inbox or Outbox. Highlight the message and select the 'Use Details' option, followed by the 'Save' option and complete the particulars, followed by the 'Ok' option to record the entry.

8. Changing Password



To change the password of ChameleonSMS, select 'Settings' from the Main Menu and then select 'Password Settings' from the Settings menu.



Type the current password in the 'Current Password' box, followed by the new password you wish to use. Retype the password to confirm and verify and press 'Ok'.

Note: Avoid using passwords related to you, like birth-date, family names, car-number, phone number, addresses, etc. It is best to use something absolutely random and PLEASE DO NOT FORGET YOUR PASSWORD. There is no way to access the application in case of a lost password. All your data may be lost.

ChameleonSMS Conditions of Installation and End-User License Agreement

Version 2.01, 01 May 2006

NOTICE TO USER: PLEASE READ THIS CONTRACT CAREFULLY. BY USING ALL OR ANY PORTION OF THE SOFTWARE YOU ACCEPT ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT, INCLUDING, IN PARTICULAR THE LIMITATIONS ON: USE CONTAINED IN SECTION 2; TRANSFERABILITY IN SECTION 4; WARRANTY IN SECTION 9; AND LIABILITY IN SECTION 10. YOU AGREE THAT THIS AGREEMENT IS ENFORCEABLE LIKE ANY WRITTEN NEGOTIATED AGREEMENT SIGNED BY YOU. IF YOU DO NOT AGREE, DO NOT USE THIS SOFTWARE.

- 1. Definitions.** "Software" means (a) all of the contents of the files, disk(s), CD-ROM(s) or other media with which this Agreement is provided, including but not limited to (i) ChameleonSMS or third party computer information or software; and (ii) related explanatory written materials or files ("Documentation"); and (b) upgrades, modified versions, updates, additions, and copies of the Software, if any, licensed to you by ChameleonSMS (collectively, "Updates"). "Use" or "Using" or "Used" means to access, install, download, copy or otherwise benefit from using the functionality of the Software in accordance with the Documentation. "Permitted Number" means one (1) unless otherwise indicated under a valid license (e.g. volume license) granted by ChameleonSMS. "Computer" means an electronic device that accepts information in digital or similar form and manipulates it for a specific result based on a sequence of instructions. "ChameleonSMS" means Entropic Systems Sdn Bhd and its related companies, trading as ChameleonSMS, Suite E-05-12, Block E, Plaza Mont Kiara, No.2 Jalan Kiara, Mont Kiara, 50480 Kuala Lumpur a Malaysian Company, incorporated in the state of Kuala Lumpur, which owns the trading name ChameleonSMS.
- 2. Conditions of Installation.** The User installs the software in his computer at his own risk. Before installation, the User must check with the manufacturer of his computer as to the suitability and compatibility of the Software with his computer. The User is required to strictly follow his phone manufacturer's instructions. ChameleonSMS disclaims any responsibility to any direct or indirect damage or malfunction to his computer as a direct result of installing the software in his computer. However, every care was taken by ChameleonSMS to conform to the industry standard practice guidelines to avoid any possibility of damage to the User's computer.
- 3. Software License.** As long as you comply with the terms of this Conditions of Installation and End User License Agreement (this "Agreement"), ChameleonSMS grants to you a non-exclusive license to Use the Software for the purposes described in the Documentation. The Software is licensed not sold. ChameleonSMS retains ownership of the software and its structure, organisation and code. Some third party materials included in the Software may be subject to other terms and conditions, which are typically found in a "Read Me" file located near such materials if any.

 - 3.1 General Use.** You may install and Use one (1) copy of the Software on your compatible computer, up to the Permitted Number of computers.
 - 3.2 Server Use and Distribution.** Unless otherwise expressly permitted hereunder, no server or network Use of the Software is permitted, including but not limited to Using the Software (i) either directly or through commands, data or instructions from or to another computer or (ii) for internal network, internet or web hosting services.
 - 3.3 Backup Copy.** If provided, you may make one backup copy of the Software, provided your backup copy is not installed or Used on any computer. You may not transfer the rights to a backup copy unless you transfer all rights in the Software as provided under Section 4.
 - 3.4 No Modification.**

 - 3.4.1** You may not modify, adapt, translate, reverse engineer, decompile, disassemble or otherwise attempt to discover the source code of the Software.
 - 3.4.2 Separation of Components** - The software product is licensed as a single product. Its component parts may not be separated for Use on more than one computer.

- 3.4.3 **Rental/Distribution** - You may not distribute, rent, lease, lend, sell, or sublicense the software product.
- 3.5 **Limit to Use.** Depending on the ChameleonSMS approved and agreed license fee that is paid and received by ChameleonSMS and / or the version release, ChameleonSMS may impose and arbitrarily enforce a time limit and / or number of Use limit to the Use of the Software. Unlimited Use of the Software shall also depend on the ChameleonSMS approved and agreed license fee that is paid and received by ChameleonSMS and / or the version release, however, ChameleonSMS may at anytime still impose and arbitrarily enforce a time limit and / or number of Use limit to the Use of the Software.
- 3.6 **Evaluation Version(s).** If this software product is a designated evaluation version, the following two paragraphs also apply to you.
- 3.6.1 This software product is made available for evaluation and may have a time limit and / or number of Use limit depending on the version release. To extend your Use of the software product, you must contact ChameleonSMS to remit the purchase price and receive your new paid-in-full Software entitling you to the license rights as granted above.
- 3.6.2 During the evaluation period, you may Use the evaluation software product only to evaluate it. Use during the evaluation period for any other purpose, including competitive analysis, is strictly prohibited.
- 3.7 **Malicious or Criminal Use of the Software.** This Software is intended to provide security to your legal and lawful communication only. Its Malicious or Criminal Use as defined and / or determined by the Laws and Customs of the Land is strictly prohibited. You warrant that you shall not Use the Software maliciously or criminally. All rights to Use the Software are granted on condition that such rights are forfeited if you fail to comply with the terms of this Agreement and in the even of any Malicious or Criminal Use of the Software or as directed by the relevant Authorities, ChameleonSMS may at anytime revoke the license to Use the software and you agree that any fee(s) paid by you shall be forfeited by ChameleonSMS. You also agree that ChameleonSMS may impose and arbitrarily enforce a Stop to the Use of the Software.

4. Intellectual Property Rights.

- 4.1 **Title.** The Software and any copies that you are authorised by ChameleonSMS to make are the intellectual property of and are owned by ChameleonSMS. The structure, organisation and code of the Software are the valuable trade secrets and confidential information of ChameleonSMS. The Software is protected by copyright, including without limitation by Malaysian Copyright Law, international treaty provisions and applicable laws in the country in which it is being Used and/or purchased. You may not copy the Software, except as set forth in Section 2 ("Software License"). Any copies that you are permitted to make pursuant to this Agreement must contain the same copyright and other proprietary notices that appear on or in the Software.
- 4.2 **Reverse Engineering.** Unless specifically and expressly permitted by ChameleonSMS, you agree not to modify, adapt or translate the Software. You also agree not to reverse engineer, decompile, disassemble or otherwise attempt to discover the source code of the Software except to the extent you may be expressly permitted to decompile under applicable law and as permitted by ChameleonSMS. Any information supplied by ChameleonSMS or obtained by you, may only be Used by you for the purpose described herein and may not be disclosed to any third party or Used to create any software which is substantially similar to the expression of the Software.
- 4.3 **Reservation.** Except as expressly stated herein, this Agreement does not grant you any intellectual property rights in the Software and all rights not expressly granted herein are reserved by ChameleonSMS.
- 4.4 **High risk activities.** The software product is not fault-tolerant and is not designed, manufactured or intended for Use or resale as on-line control equipment in hazardous environments requiring failsafe performance, such as in the operation of nuclear facilities, aircraft navigation or communication systems, air traffic control, direct life support machines, or weapons systems, in which the failure of the software product could lead directly to death, personal injury, severe physical or environmental damage ("High Risk

Activities"). ChameleonSMS and its suppliers specifically disclaim any express or implied warranty of fitness for High Risk Activities.

- 5. Software Transfer.** Due to the cryptographic nature of the Software, the initial user of the software product may not transfer the Software directly to an end user without the express permission of ChameleonSMS. In a case where a transfer has been authorised by ChameleonSMS, this transfer must be complete without you retaining a copy and shall include all of the software product (including all component parts, the media and printed materials, any upgrades, this COI & EULA, and, if applicable, any Certificate of Authenticity) and the transferee must agree to the terms of this COI & EULA, including the obligation not to further transfer this COI & EULA and software product. If the software product is an upgrade, any transfer must include all prior versions of this software product.

- 6. Refunds.** Due to the cryptographic nature of the ChameleonSMS software, we cannot offer any refunds after the license registration process is complete and / or you have accepted the terms and conditions of this agreement. We encourage our customers to field test our software Using the evaluation version prior to purchase. Apart from the lowered level of security, the evaluation version software operates near identical to the Pro version in all / most respects.

Please ensure that you are satisfied with all features, operation, quality and usability prior to purchasing our product. Depending on the version release, there may be a time limit and / or number of Use limit on the Use of the evaluation version, otherwise you are free to evaluate for as long as necessary.

It is our strict policy that no refunds will be given after the license registration process is complete and / or you have accepted the terms and conditions of this agreement.

In exceptional circumstances we will execute due process; however we reserve the right to decline any refunds in all instances.

- 7. Bundling.** In no case may the Software be bundled with hardware or other software without written permission from ChameleonSMS.
- 8. Distribution.** Permission to distribute the Software, commercial, evaluation versions or otherwise, is applicable only to the entity with whom written permission is provided to by ChameleonSMS. Each entity wishing to distribute the Software must independently satisfy the terms of the distribution license as provided by ChameleonSMS.
- 9. Multiple Environment Software / Multiple Language Software / Dual Media Software / Multiple Copies / Bundles / Updates.** If the Software supports multiple platforms or languages, if you receive the Software on multiple media, if you otherwise receive multiple copies of the Software, or if you received the Software bundled with other software, the total number of your computers on which all versions of the Software are installed may not exceed the Permitted Number. You may not, rent, lease, sublicense, lend or transfer any versions or copies of such Software you do not Use. If the Software is an Update to a previous version of the Software, you must possess a valid license to such previous version in order to Use the Update. You may continue to Use the previous version of the Software on your computer after you receive the Update to assist you in the transition to the Update, provided that: the Update and the previous version are installed on the same computer; the previous version or copies thereof are not transferred to another party or computer unless all copies of the Update are also transferred to such party or computer; and you acknowledge that any obligation ChameleonSMS may have to support the previous version of the Software may be ended upon availability of the Update.
- 10. NO WARRANTY.** The Software is being delivered to you "AS IS" and ChameleonSMS makes no warranty as to its Use or performance. ChameleonSMS AND ITS SUPPLIERS DO NOT AND CANNOT WARRANT THE PERFORMANCE OR RESULTS YOU MAY OBTAIN BY USING THE SOFTWARE. EXCEPT FOR ANY WARRANTY, CONDITION, REPRESENTATION OR TERM TO THE EXTENT TO WHICH THE SAME CANNOT OR MAY NOT BE EXCLUDED OR LIMITED BY LAW APPLICABLE TO YOU IN YOUR JURISDICTION, ChameleonSMS AND ITS SUPPLIERS MAKE NO WARRANTIES CONDITIONS, REPRESENTATIONS, OR TERMS (EXPRESS OR IMPLIED WHETHER BY STATUTE, COMMON LAW, CUSTOM, USAGE OR OTHERWISE) AS TO ANY MATTER INCLUDING WITHOUT LIMITATION NONINFRINGEMENT OF THIRD PARTY RIGHTS, MERCHANTABILITY, INTEGRATION, SATISFACTORY QUALITY, OR FITNESS FOR ANY PARTICULAR PURPOSE.
- 11. LIMITATION OF LIABILITY.** IN NO EVENT WILL ChameleonSMS OR ITS SUPPLIERS BE LIABLE TO YOU FOR ANY DAMAGES, CLAIMS OR COSTS WHATSOEVER OR ANY CONSEQUENTIAL, INDIRECT, INCIDENTAL DAMAGES, OR ANY LOST PROFITS OR

LOST SAVINGS, EVEN IF A ChameleonSMS REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSS, DAMAGES, CLAIMS OR COSTS OR FOR ANY CLAIM BY ANY THIRD PARTY. THE FOREGOING LIMITATIONS AND EXCLUSIONS APPLY TO THE EXTENT PERMITTED BY APPLICABLE LAW IN YOUR JURISDICTION. ChameleonSMS'S AGGREGATE LIABILITY AND THAT OF ITS SUPPLIERS UNDER OR IN CONNECTION WITH THIS AGREEMENT SHALL BE LIMITED TO THE AMOUNT PAID FOR THE SOFTWARE, IF ANY.

- 12. Export Rules.** You agree that the Software will not be shipped, transferred or exported into any country or Used in any manner prohibited by the Malaysian Government or any other export laws, restrictions or regulations (collectively the "Export Laws"). You represent and warrant that you are not a citizen, or otherwise located within, an embargoed nation as determined by the Malaysian Government and that you are not otherwise prohibited under the Export Laws from receiving the Software. All rights to Use the Software are granted on condition that such rights are forfeited if you fail to comply with the terms of this Agreement. You also warrant that you are not a Government or Military user outside Malaysia unless specific approval has been granted to ChameleonSMS for the supply to a Government or Military user in your jurisdiction by the Malaysian Minister for Defence or a person authorised by the Minister.
- 13. Governing Law.** This Agreement will be governed by and construed in accordance with the substantive laws in force in Malaysia. This Agreement will not be governed by the conflict of law rules of any jurisdiction or the United Nations Convention on Contracts for the International Sale of Goods, the application of which is expressly excluded.
- 14. General Provisions.** If any part of this Agreement is found void and unenforceable, it will not affect the validity of the balance of the Agreement, which shall remain valid and enforceable according to its terms. This Agreement shall not prejudice the statutory rights of any party dealing as a consumer. This Agreement may only be modified by a writing signed by an authorised officer of ChameleonSMS. Updates may be licensed to you by ChameleonSMS with additional or different terms. This is the entire agreement between ChameleonSMS and you relating to the Software and it supersedes any prior representations, discussions, undertakings, communications or advertising relating to the Software.
- 15. Notice to U.S. Government End Users.** The Software and Documentation are "Commercial Items," as that term is defined at 48 C.F.R. §2.101, consisting of "Commercial Computer Software" and "Commercial Computer Software Documentation," as such terms are used in 48 C.F.R. §12.212 or 48 C.F.R. §227.7202, as applicable. Consistent with 48 C.F.R. §12.212 or 48 C.F.R. §§227.7202-1 through 227.7202-4, as applicable, the Commercial Computer Software and Commercial Computer Software Documentation are being licensed to U.S. Government end users (a) only as Commercial Items and (b) with only those rights as are granted to all other end users pursuant to the terms and conditions herein. Unpublished-rights reserved under the copyright laws of the United States. ChameleonSMS, Suite E-05-12, Block E, Plaza Mont Kiara, No.2 Jalan Kiara, Mont Kiara, 50480 Kuala Lumpur, Malaysia. For U.S. Government End Users, ChameleonSMS agrees to comply with all applicable equal opportunity laws including, if appropriate, the provisions of Executive Order 11246, as amended, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974 (38 USC 4212), and Section 503 of the Rehabilitation Act of 1973, as amended, and the regulations at 41 CFR Parts 60-1 through 60-60, 60-250, and 60-741. The affirmative action clause and regulations contained in the preceding sentence shall be incorporated by reference in this Agreement.
- 16. Compliance with Licenses.** If you are a business or organisation, you agree that upon request from ChameleonSMS or ChameleonSMS's authorised representative, you will within thirty (30) days fully document and certify that Use of any and all Software at the time of the request is in conformity with your valid licenses from ChameleonSMS.
- 17. Other Notices.** Parts of the Software supplied to you by ChameleonSMS may contain re-distribution(s) of other software and are supplied with the following notice(s):

 - 16.1 See applicable notice(s) which are typically found in a "Read Me" file located near such materials if any.

If you have any questions regarding this Agreement or if you wish to request any information from ChameleonSMS please use the address and contact information published on the official ChameleonSMS website, <http://www.chameleonsms.com>.

© 2006 ChameleonSMS. All rights not expressly given reserved.