

SMSMaster

COLLABORATORS

	<i>TITLE :</i> SMSMaster		
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	SMSMaster	1
1.1	main	1
1.2	purpose	1
1.3	sms	2
1.4	requirements	2
1.5	files	2
1.6	installation	3
1.7	howtostart	3
1.8	bugs	3
1.9	planes	3
1.10	legal	4
1.11	author	4
1.12	whyregister	4
1.13	registration	5
1.14	disclaimer	6

Chapter 1

SMSMaster

1.1 main

SMSMaster

VERSION 2 Beta

DOCUMENTATION

[About \(Purpose\)](#)

[SMS What is it?](#)

[Requirements](#)

[Files in the package](#)

[Installation](#)

[Running program](#)

[Known bugs & problems](#)

[Plans for future](#)

[Legal stuff](#)

[Disclaimer](#)

[Author](#)

[Registration](#)

[Why register](#)

1.2 purpose

WHAT IS THIS SOFTWARE ALL ABOUT?

This program is for sending Short Messages to mobile phones these of 160 Characters. The original SMSMaster program was only for the PeeCee and is now going through a complete rewrite to take full advantage of the Windoze 95 32bit architecture. After numerous emails asking for a port of the PeeCee version I decided to write my new version for the Amiga.

To send a message, you need to know the message, the mobile phone number to send the message to, and the Network Operator of that mobile phone. Ideally, you should not need to know the Network Operator, but the UK operators currently do not allow SMS messages to be passed between UK networks.

This has the unfortunate effect that, for example, a Cellnet subscriber cannot send an SMS message to a Vodafone subscriber, without resorting to using an SMSC other than that provided by Cellnet. Whilst the Network Operators continue to fail to provide full connectivity, you will need to know which network a phone is connected to, to ensure successful routing of the message.

To make life easier, SMSMaster includes a database of UK phone numbers and Network Operators, to automatically route the SMS message to the correct network.

P.S.: Feel free to mail **me** your opinions, bug reports, suggestions or greetings - I would appreciate some feedback for whether to continue developing for the Amiga :-)

1.3 sms

SMS (Short Message Service) is part of the GSM and PCN standards which allow up to 160 characters of text to be sent or received by a mobile terminal (cellphone).

This is similar to using the phone as a text pager.

Some examples of when SMS may be useful :-

- when the phone is not within a service area (the network will send the message when the phone comes back within the service area).
- when the phone is not turned on, and voice mail is disabled (SMS is always enabled, as long as it is supported by the Network Operator).
- for sending detailed information to the phone user (addresses, specifications etc.) without the user needing to write them down.
- to send the same message to a large group of people (e.g. new prices to sales staff, notification of a meeting date).
- to send an unobtrusive message when a phone call would not be acceptable (e.g. to someone in a meeting).

Not all digital phones are capable of transmitting SMS messages, but most current digital phones can receive them (as long as the Network Operator has the facility enabled). Note that with some Operators Network, users may have to be connected to a certain tariff to have the send facility enabled, but they may still receive messages.

Whilst roaming in another country using GSM, the SMS message may still be delivered if the network that you are roaming on has the facility enabled for roaming users. When a message is received by the phone, it will be stored in the SIM, and will be available to be read whenever needed. It will be saved until you delete it, allowing use as a simple notepad. Usually you can store at least ten messages in the SIM. Some phones will allow you to store more messages in the phone's own memory. Most phones can be configured to beep when a message is received, or just light up an indicator on the display if beeping would be unacceptable.

Given that not all phones can send the messages, and that it is not easy to type a message into those phones that can, this technology can best be exploited using a computer and a modem. The computer can maintain a set of standard messages together with a phone book, and provide an easy and intuitive user interface. The messages are uploaded via a modem to the SMSC of the Network Operator of the phone you want to page. The only charge for this is the call to the SMSC, which is usually charged as per a call to a mobile on that network. The person receiving the message does not have to pay anything, unlike the standard voice mailboxes provided by the networks. (Note that there may be a receiving charge on non-UK based networks. This may affect roaming users please check with your Service Provider to avoid incurring unexpected costs).

1.4 requirements

REQUIREMENTS

An Amiga with system V 2.0 or higher, a mobile phone (if you want to receive messages yourself), A modem

1.5 files

SMSMaster.lha -> this contains

SMSMaster -> the binary

SMSMaster.guide -> this manual

1.6 installation

HOW TO INSTALL THE PROGRAM

Simply use lha (available on Aminet) and extract to any area on your hard drive.

1.7 howtostart

HOW TO START

Simply double click on the SMSMaster Icon. If your version is unregistered you will be confronted with numerous requesters reminding you to register. Now once the program has started you have a number of options. In the menus you will find save config and load config. These will save your own prefs. You will also find a phonebook. Here you can enter all your favourite numbers and save them out. This is done automatically. You can also enter the address of a person if you so wish.

To send a message either click on multi send if you want to send the same message to more than one person or enter in the phonenumber you want to send to. Now enter your message (120 chars max on unregistered version) and click on Send. Your message will now be sent automatically to the provider.

If you have clicked on multi send then you will be sent to the phone book. Here you can add new users or select from your previous users saved list. To add a person to the send to list make sure their name appears in the details fields. Click on the ADD button and their details will appear on the sending to window. When you have finished click on OK and your message will be sent to all the people in your list.

If you want to read this document at anytime then select HELP from the INFO menu item.

1.8 bugs

KNOWN BUGS AND PROBLEMS

- Messages are not grouped to providers before doing a multi send this will be sorted very soon.
- Certain features when using SMSMaster under UAE can appear broken, the same is probably true of the Amiga forever package from Cloanto.

1.9 planes

Future enhancements

General:

- Improve the interfaces
 - Group all messages before sending to eliminate multi dialups to one provider when sending one message to multiple people
 - Add database of messages sent
 - Add other providers than Cellnet and Vodafone. Orange is coming soon.
 - Add pagers to the program-coming soon.
 - Allow deletion of people in a multiple send to list
 - Allow external dial number e.g. 9 to be saved
-

1.10 legal

LEGAL STUFF

This Software is Shareware and you must adhere to the following if you wish to make use of it.

This product may be freely distributed as long as the files that make up the archive are unchanged. It can be included in any non-profit shareware or similar program package without specific permission from the author i.e no more than 2 UK pounds can be charged for the software. Magazines wishing to put this on a cover disk/CD must contact the author first. The key files for registration purposes must not be passed on in any form to anyone other than the person registered for use with the package.

The program is provided AS IS, without warranty of any kind, all use is at YOUR OWN RISK. **Author** is not responsible for ANY data lost or damaged by this software, Nor is the **Author** responsible for damage or losses of any kind caused by direct or by indirect use of this software, nor for any phone call charges . This version of the software is still in Beta test and therefore it must be appreciated that bugs will still exist. By using this software you are agreeing to be bound by the above and acknowledge that you are using a piece of software that may not do the job it is intended to.

1.11 author

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Registration will guarantee future versions of the software and release features that are locked out e.g. the ability to send 160 chars for a message.

Greetings and thanks go to

- Matthew Haigh for beta testing and original idea
- Amanda Haigh for persevering with me being locked up for months on this :-)
- Steven Marland for beta testing
- Bob from AARUG for offering beta test services
- All the people who sent bug reports and helped with coding problems

1.12 whyregister

WHY REGISTER?

SMSMaster is NOT free or Public Domain. It is provided under the concept of Shareware.

You may evaluate SMSMaster for a period not exceeding 30 days. If you decide to continue using it, you are both morally and legally obliged to pay the registration fee. If you decide not to continue using SMSMaster, you must delete it from your computer.

Registered users benefit from being able to define their own signature, and not having the '-Sent by unregistered SMSMaster' text added to every message they send. This allows you to use the full 160 character limit of the SMS specification. Unregistered users are limited to around 120 characters.

Upon registering, you will be sent a Keyfile, which will upgrade the Shareware versions of this program to full functionality. You will be able to obtain the current Shareware version from anywhere (including the support **Website**), and upgrade it to the full registered version using your personalised Keyfile.

1.13 registration

The registration fee is not expensive. If the program is worth using, it is worth registering! **WHY** should you register the program well for starters it is shareware, which is a nice way of getting cheap good quality software.

Registration gives you a license file that will upgrade the shareware version of SMSMaster to the registered version. The license file will work for all minor updates and bugfix releases of the software (e.g. V1.0 to V1.1). Major updates may require a further registration fee, which will be significantly reduced for registered users (updates will only be charged for if there is a significant increase in functionality).

The license file you will receive is personalised, uniquely identifying it as yours. It allows you to legally run SMSMaster on one Amiga. You must not redistribute the license file.

There are two classes of registration, Media and Email. Both classes include a license file.

Media registration means that upon receipt of your payment, a 3.5' double density disk will be posted to you, including the latest version of SMSMaster and your license file. You may still download future versions of SMSMaster from the support **Website**, or you may pay a small fee (as detailed below) to receive a future upgrade on floppy disk.

Email registration is available if you have an Email account, and is faster and cheaper than Media registration due to my reduced costs (I do not have to pay for a disk, post & packing, or go to the post office) You post payment in the same way as for Media registration, and when the funds have cleared, you will receive an Email with the license file Mime or UUEncoded (your option). You can download the latest version of SMSMaster from the support website.

Registration of this software is available at a cheap rate? of (for e-mail)

£12 for this version only.

£20 for future versions (guaranteed to work for a minimum of 1 years worth of upgrades)

£25 for full debug windows enabled and all future version (guaranteed to work with a minimum of 1 years worth of upgrades)

£35 for 5 user site licence

£5 for additional 5 user site licences

ADD £8 to all the above for surface mail orders within UK/Europe

(all prices in UK pounds)

Notes:

1. If ordering from outside Europe please contact **Author** for price
2. If ordering additional Site License disks, please note that the minimum order quantity is four, unless ordered at the same time as your Site License.
3. The Minor Version Update disk is the latest version of SMSMaster at the time of receipt of your order. IT DOES NOT INCLUDE A KEYFILE. Without a valid Keyfile for that version of the software, it will function as the unregistered shareware version.
4. Please read the **DISCLAIMER** before ordering. If you do not agree with the disclaimer, then you must cease to use the software immediately.
5. If you are requesting a keyfile by email, then if possible, please send an email to davehaigh@hotmail.com from the account that you would like the keyfile emailed to. This may have a blank subject and body, it simply ensures that I have the correct email address for you.

Payment is accepted in the following ways:-

Cash. UK Pounds Sterling only, please. If you cannot obtain UK Pounds, you may send the equivalent in your local currency (notes only) if you add at least £5 to the total order (to cover commission charges).

Cheque. A cheque in UK Pounds drawn on a UK bank, made payable to David Haigh

Eurocheque. In UK Pounds, with your card number on the back, made payable to David Haigh.

Note that orders will not be despatched until the cheque has cleared (usually two or three days). Orders will normally be despatched within 7 days. If a new version is imminent, disks may be delayed for up to one week to ensure that you receive

the new version. If you supply an email address, I will normally notify you of this, so that you can request the older version immediately if you wish.

If sending cash (not advised), please wrap the notes in several sheets of paper, so that they cannot be seen through the envelope. If possible, send via registered post. Please do not send coins.

All enquiries to be made to the [Author](#) or via my [Website](#) upon registering and paying the appropriate fee you will receive a keyfile which will unlock extra features from within the program

1.14 disclaimer

The functionality of SMSMaster is dependant upon the Network Operator's Short Message Service Centres (SMSC). David Haigh has no control over, and hence cannot be held responsible for:-

Any failure of the SMSC to process messages correctly or promptly the Network Operator changing the required communications protocol to the SMSC the withdrawal, whether temporarily or permanently, of the SMSC from service any other change in the SMSC status which adversely affects the functionality of SMSMaster.

SMSMaster is used entirely at your own risk. In using this software, you agree that the author (David Haigh) may not be held responsible for any direct, indirect, incidental, or consequential damages, whether based on contract, tort or any other legal theory and whether or not the author has been advised of the possibility of such damages.

Whilst every effort has been taken to provide a fully functioning program, the purchaser is advised that the current state of the art can not guarantee the correct functionality of a piece of software. The sole remedy that the purchaser has against David Haigh in the eventuality of SMSMaster substantially failing to work as advertised is limited to a refund of any monies paid for SMSMaster.

SMSMaster is expressly NOT for use where failure of the software could result in injury, loss (financial or otherwise) or a life threatening situation.
