smartAlarm - User Guide

Version 01.01

Selkamp 10

44287 Dortmund

GERMANY

Telefon: +49 231 44 91-0

info@dialogs.de

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Revision History

Version	Created	Note
1.01	17.01.2007	First version

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Introduction

To make a mobile phone ready for using it as an alarm device, smartphone solutions offers a software called smartAlarm. With smartAlarm, fire brigades and similar organizations can alert their staff reliably and cost-effectively as well by using simple SMS messages. A mobile device equipped with smartAlarm recognizes an incoming alarm message on receipt and instantly emits a permanent keen sound that can only be stopped by pressing a key for several seconds.

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1 Evaluation version

smartAlarm is being provided as a demo version which features some limitations.

1.1 Limitations

The evaluation version does not cut down functionality. It does constrain the usability in the following aspects:

Limitation	Description
Trial period	smartAlarm may be evaluated for a total of 60 days for free. Evaluation phase 1 consists of the first 30 days while days 31 to 60 add some limitations. To use smartAlarm after the evaluation period is over a license needs to be obtained.
Message box at startup	smartAlarm displays an evaluation info message box everytime it is started.
Application runtime limited to 120 minutes	As soon as evaluation phase 2 (days 31 to 60) is reached smartAlarm generates a notice every 120 minutes which points out that the software is running in trial mode.

1.2 Full version

To remove the limitations and unlock the full version, a personalized license is required.

The afore-mentioned limitations are removed as soon as the license is installed.

1.3 Obtaining a license

Information about how to obtain a smartAlarm license or registration key can be found on our web site http://www.smartphone-solutions.com/

For further information on registering this product continue reading in chapter 5.

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2 System-Requirements

Mobile phone	
Operating system	Symbian OS 9.1, S60 3rd edition (e.g. Nokia E50, E60, E61, N80)

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3 Installation

The application is distributed as a “sis” or “sisx” file (depending on the phone operating system). It has to be installed on the mobile phone, e.g. via Nokia PC Suite.

To do so connect the phone via data cable, double click the application file and follow the instructions. If you encounter any problems regarding the installation please see the PC Suite documentation.

The installed application can be found in the menu of your phone (depending on the phone used it may reside in a subfolder).

smartAlarm automatically gets started every time you switch on your phone. Once it has terminated, it can be restarted from the menu of your phone.

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4 User interface

smartAlarm features a convenient user interface which can be started by clicking the smartAlarm icon. Depending on the phone used, it may reside in a subfolder of the main menu.

After starting smartAlarm in the evaluation mode, the screen sequence looks like follows:

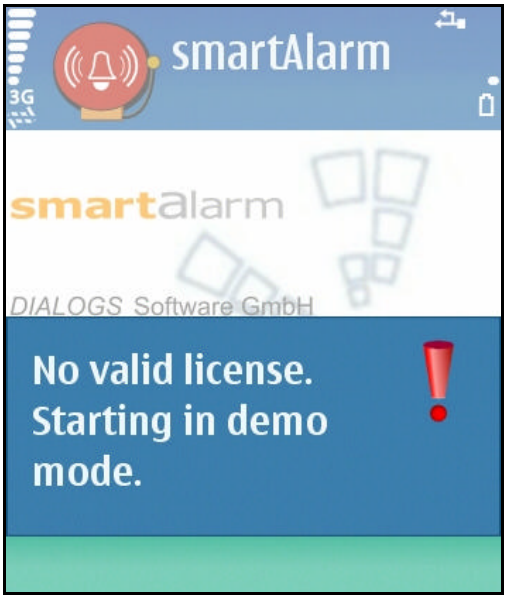

Figure 1: Splash screen after starting the application in evaluation mode

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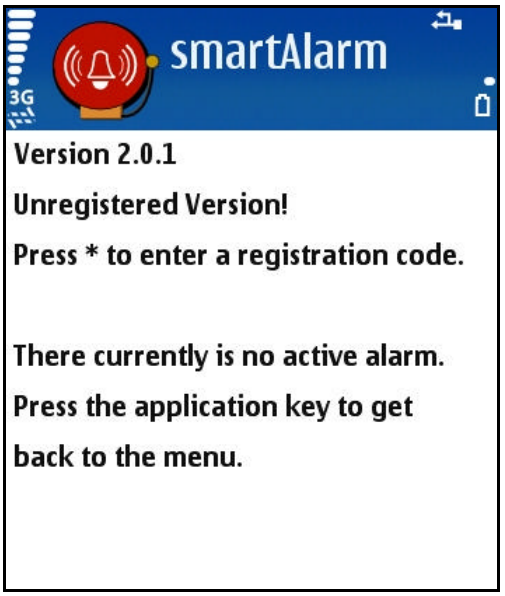

Figure 2: User interface in demo mode

The screen sequence of the registered version looks like follows:

Figure 3: Splash screen after starting the application in registered mode

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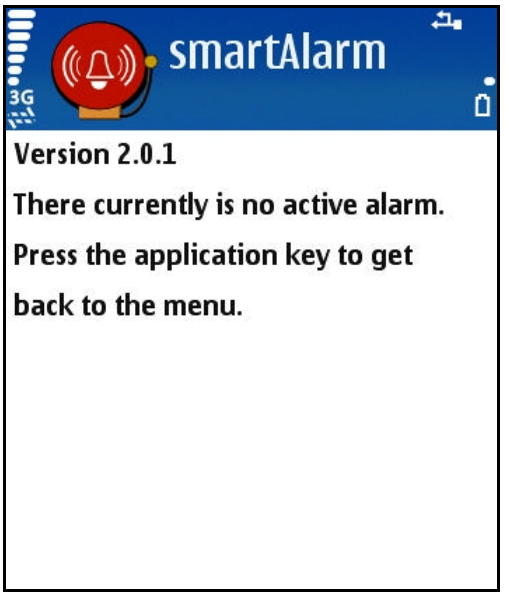

Figure 4: User interface in registered mode

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5 Normal operation

smartAlarm always remains in the main memory, there is no option to close it.

smartAlarm checks incoming SMS messages for special kewords.

There are two standard trigger-words, which are the following:

Trigger-word (uppercase) in the SMS message	Resulting alarm
ALARM! Fire at Dortmund airport. Will you come to the fire?	 The trigger-word “ALARM” results in an alarm that can be answered with “YES” by pressing the left softkey for 2 seconds or “NO” by pressing the right softkey for 2 seconds. This answer is sent to the phone this alarm was sent from.

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NOTICE! Fire at Dortmund airport has been extinguished.	 The trigger-word “NOTICE!” results in a notice-alarm, that can only be answered with “OK” by pressing the left softkey for 2 seconds. After confirming this notice, there will no answer be sent to the phone number this alarm was sent from.

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6 Register the evaluation version

smartAlarm is automatically started as soon as the phone is switched on. It displays a splash screen at startup. If smartAlarm is executed in trial mode, it pops up an info-box for a few seconds. The registered version of smartAlarm doesn't show any popup-box (*Figure 3*). To avoid smartAlarm from annoying the user with this popup and its constraints regarding the usability, smartAlarm has to be registered. To register the software, the asterisk-key (*) in the main menu (*Figure 2*) has to be pressed.

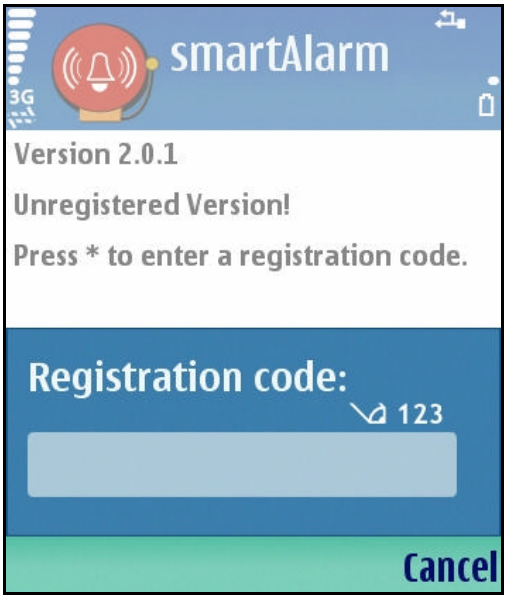

Figure 5: Registration dialog

A dialog concerning the registration is popping up (*Figure 5*). A registration key can be entered. This key consists of 6 blocks, each having 4 numbers (xxxx-xxxx-xxxx-xxxx-xxxx-xxxx). To confirm the entered key the left softkey has to be pressed. If the key is correct, the following screen gets displayed:

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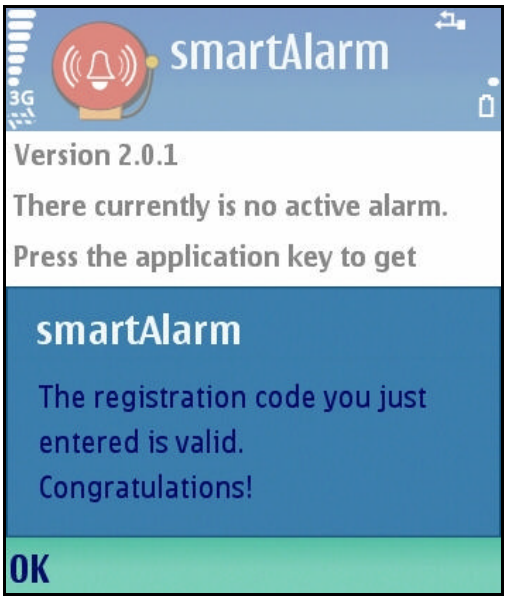

Figure 6: Registration successful

By pressing the left softkey you can return to the main menu of smartAlarm.

Finally the notice of smartAlarm being run in evaluation mode disappears.

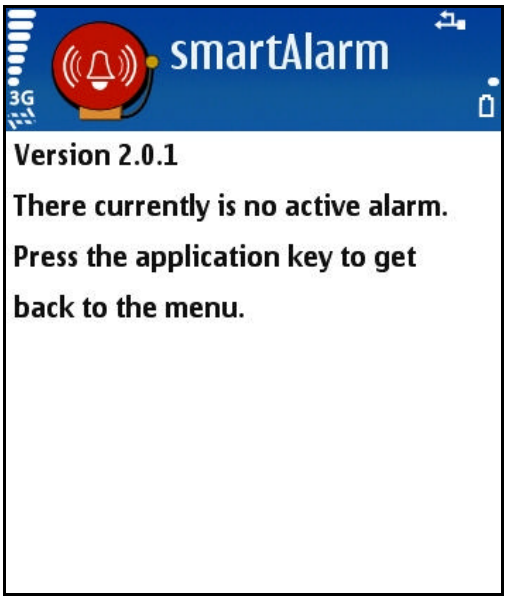

Figure 7: Registered version

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7 Troubleshooting

The following table lists some typical problems and ways to solve them.

Problem	Possible reason	Solution
smartAlarm produces an alarm about every two hours after starting it	Evaluation phase 2 is reached	Obtain a license.
smartAlarm refuses to run.	Evaluation period is over.	Obtain a license.
smartAlarm doesn't react on a trigger-word.	The trigger-word is misspelled.	Check the correct spelling of "ALARM" or "NOTICE".

If you encounter further problems feel free to contact us.

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8 Contact

smartphone solutions GmbH

Selkamp 10

44287 Dortmund

Germany

www.smartphone-solutions.com

mailto: info@smartphone-solutions.com

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