



Media Safe

Keeps photo/audio/video/note files secure and private on your mobile phone. Protect your important media files!

Media Safe software for Series 60 mobile phones allows you to store media files encrypted and password protected. You can store important Photo, Audio, Video and Note files secure on your mobile phone. **Media Safe** uses advanced cryptography methods to protect your media files. The program has friendly and fully customizable user interface.

Strong encryption of data is provided with 256 bit **BLOWFISH** block cipher (one of the most secure and fastest encryption algorithm) and **SHA1** secure hashing algorithm.

Main features of **Media Safe**:

- Ability to encrypt and store media files of different types: Images, Sounds, Videos and Notes.
- Strong and fast data encryption (**BLOWFISH** and **SHA1**), which provides ultimate security.
- Improved security system that encrypts file/folder names as well as the file content.
- Comfortable and customizable user interface.
- **MMC** support.
- Scalable user interface
- Ability to import multiple files with one operation
- Predefined short-cut keys for the most common operations

References:

BLOWFISH: Description of a New Variable-Length Key, 64-Bit Block Cipher (Blowfish) <http://www.schneier.com/paper-blowfish-fse.html>

SHA1: RFC 3174 - US Secure Hash Algorithm 1 (SHA1)
<http://www.faqs.org/rfcs/rfc3174.html>

Getting Started

To install **Media Safe** on your phone, connect your phone to your PC and open **MediaSafe.SISX** file. Follow standard installation instructions for Symbian applications. You may install the program on Memory Card or Phone memory, Media Safe will use selected location to store encrypted files.

If you have troubles with installing the program follow the instructions below:

- Go to the **Tools**, open **App. Manager**
- Open **Options > Settings**
- Make sure that **Software installation** setting is set to **All** and **Online certif. check** is set to **Off**.

First time, when you start the **Media Safe** program, you must set the password. After that, every time you start the **Media Safe**, you must enter the password to access media files stored into the program.

- It is recommended to set the password with more than 8 characters in length.
- Password should not be a dictionary word.
- Password character sequence should be as random as possible.

On the main screen 4 different stores will be listed:

- **Images**
- **Sounds**
- **Notes**
- **Videos**

Use appropriate store for the specific media files.

To import and encrypt media file go to the **Options** menu and choose **Import** command. To return the file to the original location use **Options > Return** command. **Media Safe** offers enhanced browsing capabilities. Images file store layout can be customized by choosing List/Grid view in menu or in settings dialog. Sounds/Videos layout is also customizable.

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Screenshots:



1. Startup screen, prompt for password (landscape layout)



2. Main view, stores for different media types



3. Images (grid layout)



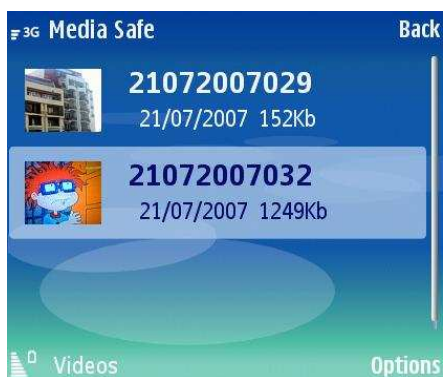
4. Images (list layout)



5. Sounds (detailed view)



6. Notes



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7. Videos (detailed view,
landscape layout)

8. Importing image file
(encryption progress
bar)

Detailed description:

Common menu commands:

- **Open** – Opens the selected store/folder/file
- **Lock** – Locks the program. You must enter the password to unlock it.
- **Settings** – Activates settings dialog.
- **Change password** – Changes current password. You will be prompted to enter the current password first, then the new password, and finally confirm the new password.
- **Memory info** – Show disk space occupied by the stored files, and the disk space left.
- **Switch layout** – Changes orientation and layout of the screen (landscape/portrait).
- **Register** – Register the program. Registration dialog will be activated, on the first line you will see **IMEI** number of your phone, on the second line you should enter correct registration key and then press **Register** softkey.
- **About** – Display information about the program.
- **Help** – Open context help.
- **Exit** – Quits the program.

Store menu commands:

- **Import** – Import media file. File selection dialog will be displayed. When you select the file it will be encrypted and placed in file store. The source file will be removed (default setting), however you can set the option in program settings so that the source file will not be removed, or confirmation dialog will be displayed before removing the file.
- **Return** – Returns the media file. Images, Sounds and Videos will be returned to the Gallery. Notes will be returned to the Notepad. Encrypted file will be removed from the store (default setting), however you can set the option in program settings so that the encrypted file will not be removed, or the confirmation dialog will be displayed before removing the file.
- **New Folder** – Create the new folder.

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- **Delete** – Delete the file(s)/folder.
- **Send** – Send the file(s).
- **Rename** – Rename the file/folder.
- **Properties** – Display file properties.
- **Mark/Unmark** – Select files(s)
- **Sort** – Set the sort type of the store items

Additional menu commands:

Images:

- **List view/Grid view** – Set the images store layout. The effect will be active till the next run of the program. If you want to make the setting permanent choose **Settings** command from the menu and set appropriate option.

Sounds/Videos:

- **Detailed view/Compact view** – Set the sounds/videos store layout. If you want to make the setting permanent choose **Settings** command from the menu and set the appropriate option.

Program settings:

There are following setting items:

- **Sort entries** – Sort type of the file/folder list. Available options: by name, by size, by date, not sorted.
- **On import** – Specifies an action that takes place on the source file when the import operation is complete: delete source file, keep source file, ask (confirmation dialog will be displayed).
- **On return** – Specifies an action that takes place on the encrypted file when the return operation is complete: delete encrypted file, keep encrypted file, ask (confirmation dialog will be displayed).
- **Images layout** – Layout of the images view: Grid, List
- **Sounds/Videos layout** – Layout of the sounds/videos view: Detailed/Compact
- **Idle auto-lock period** – After the specified period of time program is locked when there is no user activity. Default value of this option is 15 minutes.
- **Lock in background** – Specifies a lock action when the program is sent to the background: Immediately – locks the program immediately, After 3 minute – locks the program in the background after 3 minute, Do not lock – program will not be locked.



Short-cuts:

For the most frequently used operations **Media Safe** defines a set of short-cut keys. With just one key press on numeric keypad you can invoke following commands:

- <1> - Import file
- <2> - Return file (cursor should be positioned on a file)
- <3> - File properties (cursor should be positioned on a file)
- <4> - New folder
- <5> - Rename (folder/file)
- <6> - Mark/Unmark (cursor should be positioned on a file)
- <7> - Send
- <8> - Lock program
- <9> - Delete (folder/file)
- <0> - Switch orientation and layout of the screen (landscape/portrait).

Useful hints:

To navigate between the folders you can use joysticks left (up one level) and right (open folder) keys (this is not applicable to the images store when the grid view is activated).

Registration information:

Media Safe has 14 days trial period. After that time you must purchase a license to use the program. You may purchase it on our website: <http://www.epocnova.com> you will receive registration code after the order processing. Enter received code into registration dialog.

Contact us:

E-mail: info@epocnova.com

Web: <http://www.epocnova.com>

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