



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

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

The strong data encryption is done by the 256 bit BLOWFISH block cipher (one of the most secure and fastest encryption algorithm) and SHA1 secure hashing algorithm. See our expert notes about the current cryptography standards:

http://www.epocnova.com/doc/crypto_notes.pdf

Main features of Media Safe:

- Possibility to encrypt and store media files of the different type: Images, Sounds, Videos and Notes.
- Strong and fast data encryption (BLOWFISH and SHA1)
- Comfortable and customizable user interface.
- MMC support.

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

First time, when you start the Media Safe program, you must set the password (the password can be changed later). After that, every time you start the Media Safe, you have to enter the password to access the program. It is recommended to set the password with more than 10 characters in length. Password should not be a dictionary word. Password character sequence should be as random as possible. On the main screen you have 4 different stores: Images, Sounds, Notes and Videos. Use the appropriate store for the specific media files. To import and encrypt the media file go to the 'Options' menu and choose the 'Import' command. To return the file to the original location use the 'Return' command from the 'Options' menu. Media Safe offers enhanced browsing capabilities. The images layout can be customized by choosing the List/Grid view from the menu or from the settings dialog. The sounds/videos layout is also customizable.

Screenshots:

1. Startup screen,
prompt for password



2. Main view, stores for
different media types



3. Images (grid layout)



4. Images (list layout)



5. Sounds (detailed
view)



6. Notes



7. Videos (detailed view)

Detailed description:

Common menu commands:

1. Open – Opens the selected store/folder/file
2. Lock – Locks the program. You must enter the password to unlock it.
3. Settings – Activates settings dialog.
4. Change password – Changes the current password. Enter the current password first, then the new password, and then confirm the new password.
5. Memory info – Show disk space occupied by the stored files, and the leaved disk space.
6. Register – Register the program. You will be prompted with the IMEI number and the text field to enter the registration key.
7. About – Displays information about the program.
8. Exit – Quit the program.

Store menu commands:

1. Import – Import media file. The file selection dialog will be displayed. After the selecting the file it will be encrypted and placed in the media store. The source file will be removed by the default settings, however you can set the option so that the source file will not be removed, or the confirmation dialog will be given before removing the file.
2. Return – Returns the media file. The images will be returned directly to the photo album. The notes will be returned to the notepad store. For sound and video files the file save dialog will appear. The encrypted file will be removed from the store by the default settings, however you can set the option so that the encrypted file will not be removed, or the confirmation dialog will be given before removing the file.
3. New Folder – Create the new folder.
4. Delete – Delete the file(s)/folder.
5. Send – Send the file(s).
6. Rename – Rename the file/folder.
7. Properties – Display the file properties.
8. Mark/Unmark – Select files(s)
9. Sort – Set the sort type of the store entries

Additional menu commands:

Images:

1. List view/Grid view - Set the images store layout. The effect will be active before you exit the program. If you want to make the setting permanent choose 'Settings' command from the menu and set the appropriate option.

Sounds/Videos:

1. 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.

Settings dialog:

There are the following setting items:

1. Sort entries – Sort type of the file/folder list. Available options: by name, by size, by date, not sorted.
2. On import – action that takes place on the source file after the import operation is done: delete source file, keep source file, ask (confirmation dialog will be displayed).
3. On return - action that takes place on the encrypted file after the return operation is done: delete encrypted file, keep encrypted file, ask (confirmation dialog will be displayed).
4. Images layout – Layout of the images view: Grid/List
5. Sounds/Videos layout – Layout of the sounds/videos view: Detailed/Compact
6. Idle auto-lock period – After that period the program is locked if there was no user activity. The option is set to 15 minutes by default.
7. Lock in background – 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 is not locked.



Usefull 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).

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