User's Guide

MobiSystems® ZIP 2004

For Palm OS

MobileSystems®

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Getting Started

Introduction

MobiSystems® ZIP is a complete compression solution for Palm OS handhelds. MobiSystems® ZIP makes the data storage on your handheld fast, save, and secure.

The features and benefits of MobiSystems® ZIP are:

- maximum compression
- data integrity protection
- ability to back up single applications on your Palm device
- three different compression modes
- password protection
- easy to use and intuitive user interface
- support for memory cards
- ability to keep more than one archive files on memory card
- ability to keep whole applications compressed and launch them using their archive file

System Requirements

Palm OS 3.5 or higher running Palm device.

Installation and Un-installation

Installing MobiSystems® ZIP Using A Windows Computer

1. Download MobiSystems® ZIP.exe file into selected folder on your PC.
2. Double-click MobiSystems® ZIP.exe to start the installation procedure.
3. Follow the instructions on your screen
4. Synchronize with your PDA after the installation setup has completed.

Installing MobiSystems® ZIP Using A Macintosh

1. Download MobiSystems® ZIP.sit file into selected folder on your Macintosh PC.

2. Extract the MobiSystems® ZIP.sit file and save the extracted files in selected folder on your desktop PC.
3. From the HotSync menu, choose **Install Handheld Files**.
4. From the User pop-up menu, select your user name.
5. Click **Add to List.**
6. Select the Add-on folder where you have saved the extracted files from the distribution packet of MobiSystems® ZIP from the popup menu.
7. Select the MobiZIP.prc file.
8. Click **Add File** to add MobiSystems® ZIP to the *Install Handheld Files List*.
9. Close the *Install Handheld Files window*.
10. Perform a HotSync operation to install MobiSystems® ZIP on your Palm.

Uninstalling MobiSystems® ZIP

1. From the *Main Application Launcher* on your Palm device, open the main menu and select **Delete.**
2. Tap MobiSystems® ZIP and then select **Delete**.

Please note that by deleting MobiSystems® ZIP you will also delete any archive files made with the program. To avoid losing data, make sure that you have extracted all archives that that you want to keep on your PDA, before you delete MobiSystems® ZIP.

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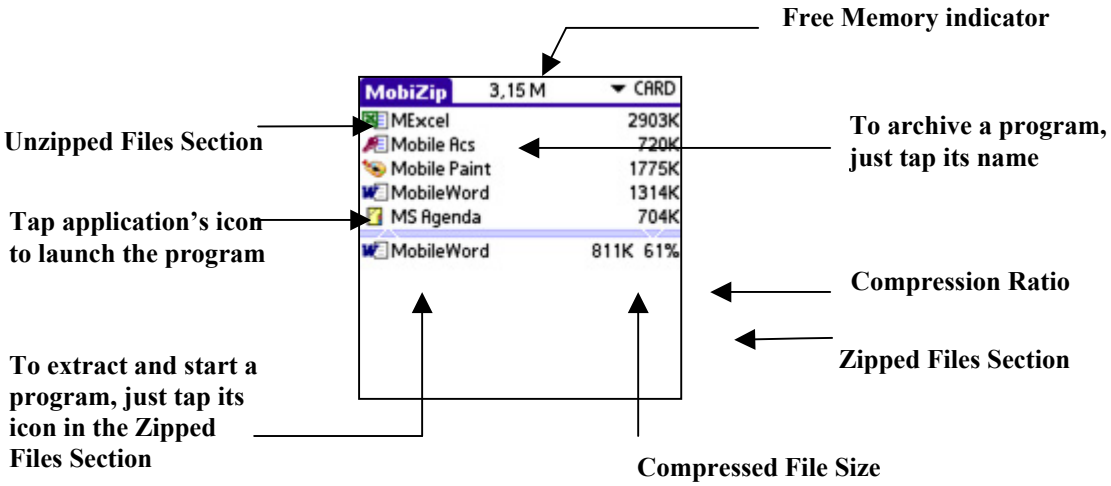
3. Tap **Yes** to confirm you wish to remove the program. MobiSystems® ZIP and all image files associated with it will no longer appear on your screen.

Archiving Data

MobiSystems® ZIP main screen



By default MobiSystems® ZIP main screen is separated into two sections. The upper side of the screen shows all available uncompressed applications on the Palm device, while the bottom section enumerates the zipped programs.

For both the compressed and uncompressed applications, the program will show the size of the file next to the application name. For compressed files MobiSystems® ZIP will also show the compression ratio.

The main screen is separated by a borderline. To view just the decompressed files, tap the down arrow from right part of the separator line. Alternatively, to view just the compressed files available on your PDA, tap the up arrow from the left part of the separator bar.

You can also switch between the compressed, uncompressed and split modes in MobiSystems® ZIP using the menu trigger in the upper right corner of the application's main screen.

The compressed applications side of the screen shows the archived applications in the archived file currently used. The file can be either in the main memory of your PDA or on memory card. To switch between archives on the memory card or in the main memory, use the pop-up menu trigger in the upper right corner of the screen and select the desired option – **RAM** for archives in the main memory or **CARD** for archives on memory cards.

Using MobiSystems® ZIP as application launcher

MobiSystems® ZIP can also be used as an application launcher program for both compressed and extracted files.

To launch a program, just tap its icon either from the *Extracted Files Section* or from the *Zipped Files Section*. If the started application is compressed, it will be first extracted. After you close the program by tapping the main application launcher button, the program will be archived again and you will return to MobiSystems® ZIP.

Compression Types

MobiSystems® ZIP supports three different compression modes depending on the purpose, speed and the compression rate. Whenever you compress or decompress a program in MobiSystems® ZIP, the application will show an information window.

No matter what compression mode you have selected, MobiSystems® ZIP will give you the opportunity to keep or delete the source application after the archive is made.

BACKUP

The *backup compression* is designed for creating backup copies of programs and the data files associated with them. With the backup copies your applications and data are secure and always at hand, and you will never lose valuable information. When creating a backup file, MobiSystems® ZIP will make a single compressed package of the selected application and all associated files with it. No real compression is performed and the archived program can be quickly restored.

FAST

The *fast compression mode* will create an archive of the selected application. The compression ration for this mode may vary from 60-70% depending on the size of the original application and the data contained in it. The *fast compression* mode tries to reach the highest compression rate for optimal time.

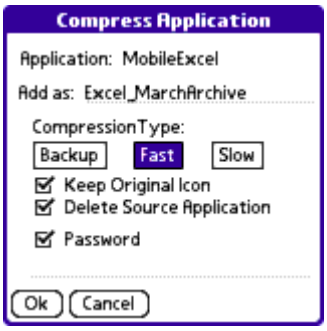
HIGH

The *high compression* mode archives the selected application trying to reach a maximum compression rate no matter what the compression time is. Use this option, if you want to reach the highest possible compression. Depending on the type of the original file, the average compression ratio may go below 50%.

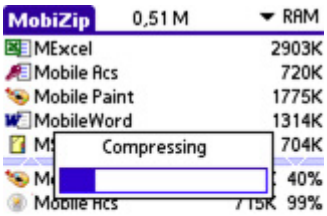
Archiving Applications

To archive an application and all associated data and configuration files to it:

1. Select the application you want to compress from the list of available programs on your palm device available in the upper part of MobiSystems® ZIP main screen.
2. The following window will appear giving you the opportunity to select the compression mode and preferences before the compression is performed.



3. Type in a name for the archive in the **Add as** text box. If you do not enter an archive name, MobiSystems® ZIP will use the name of the source file.
4. Select *compression mode.* The different modes are described in the previous chapter.
5. Enable the check box for **Keep Original Icon,** if you want the archive file to appear with the icon of the source application. If you disable this option, the archive files will appear with the default MobiSystems® ZIP icon .
6. Enable the check box for **Delete Source Application** in case you want the original file and all associated files to be deleted from your Palm device after the archive file is created.
7. In case you want to protect the archive with a password, enable the check box for **Password.** An additional text box will appear in the form where you can type in the password. When you try to extract the archive later, you will be asked to provide the same password.
8. Tap **OK** to create the archive or **Cancel** to close the *Compress Application Dialogue.*



9. A progress bar will appear while the program is being processed and after the archive is complete, it will appear in the list of *zipped programs* in the lower part of MobiSystems® ZIP main screen.

If you usually use the same settings when you create archives, you can set these settings as default and just skip steps 3-5. To open the *Settings Form,* tap the menu button from the graffiti area of your Palm device and select **Application** > **Settings**.

Set preferences that best fit your needs. Whenever you compress a file, the selected settings will be applied unless you change them before the archive is created.

Working with Memory Cards

MobiSystems® ZIP allows you to work with multiple archive files on memory cards. Whenever MobiSystems® ZIP is initiated the program will show a split window from the bottom section which shows all available archived applications in the currently opened archive file.

To switch to an archived file saved on memory card, use the pop-up menu trigger in the upper right corner of the screen and select the **CARD** option**.**

Please note that MobiSystems® ZIP shows the archived applications in a single archive file at a time. An archive file can contain multiple archived applications. Whenever you compress an application it is added to the current archive file or removed accordingly from this file.

To start a new archive file or change the current one:

1. Open MobiSystems® ZIP and switch to an archive on a memory card.
2. Open the main menu and select **Change Archive** from the *Applications menu group.*

When you archive applications and save the archive in the main memory of your PDA, MobiSystems® ZIP works with just one archive file and appends all archived applications to this archive file. This is why the Change Archive Option will not be available unless you switch to an archive saved on a memory card.

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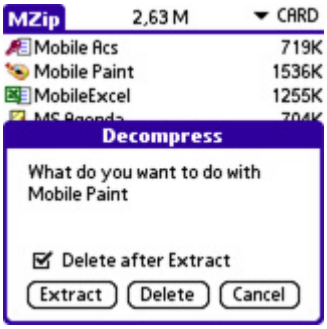
3. The *Change Archive* form will appear.

- Browse in the directory structure on your memory card to locate the archive file you desire. When you locate the file, select it and tap **Set.**
- To create a new archive file, click the **New** button and type in a name for the archive in the edit box that will appear.
- To delete an existing archive, locate the archive file, select it and tap the **Delete** button.
- To close the *Change Archive* form without making any modifications, select the **Cancel** button.

Extracting data

Whenever a file is decompressed, MobiSystems® ZIP will not delete the archive file. This is why the program allows you to perform two different actions over a compressed file - decompression or deletion of the file.



To decompress a file:

1. Select the file from the list of compressed files, either from the bottom area of the MobiSystems® ZIP split screen or from the list of zipped files.
2. Select the action you want to perform - **Extract** or **Delete.**
3. If you have protected your archive with a password, the program will ask you to provide the password before the file is actually extracted.

4. If you have selected **Extract** and the application already exists in the list of uncompressed programs, the following dialogue will appear. MobiSystems® ZIP will ask you whether or not you want to replace each of the extracted files (if they already appear decompressed on the Palm device).

4.1. To keep the file in the state that it currently is on in the Palm device, tap **Skip.**
4.2. To overwrite the existing file with the one from the extracted archive, select **Overwrite.**
5. To delete an archive file just select **Delete** from the *Decompress form.*