iMobile

MoneyCounter

Installation and Administration Guide

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About this document

This guide explains how to install MoneyCounter version 2.0.0.0, set it up, check that it works, update it, back up its data, remove it and diagnose problems. It is written for the administrator who installs the program on workstations and for users who install it themselves.

The program has no server part. Administration comes down to installing the package on a workstation, keeping the user's data file safe and, for the Pro edition, allowing access to the iMobile account server.

1. General information

MoneyCounter is a desktop program for counting cash by denomination. It is supplied as one Windows Installer package, `MoneyCounter-2.0.0.0-Setup.msi` (64-bit, about 8 MB). The package is downloaded from the product page on the iMobile website: https://new-imobile.com/en/moneycounter/.

The package installs one file, `MoneyCounter.exe`, and creates MoneyCounter shortcuts in the Start menu and on the desktop for all users of the computer. It creates no services, drivers, scheduled tasks, file associations or registry settings of its own, and runs nothing during installation except standard Windows Installer actions.

Item	Location
Program	`C:\Program Files\MoneyCounter\MoneyCounter.exe`; the folder can be changed during installation
User database	`%APPDATA%\MoneyCounter\moneycounter.ste`
Pro activation data	`%APPDATA%\MoneyCounter\license.dat`
User settings	registry key `HKCU\Software\MoneyCounter`

The data folder and the registry key are created when the program is first started under the user's account. Each Windows user has a separate database, settings and activation.

2. Environment requirements

- Windows 10 (64-bit) or Windows 11.
- About 23 MB of disk space for the program; the database file is stored in the user profile.
- Administrator rights to install, update and remove the program. They are not needed to use it.
- No additional runtimes, libraries or database server.
- For the Pro edition: outbound HTTPS (port 443) from the workstation to `accounts.new-imobile.com`. The program has no proxy settings of its own. The Free edition needs no network access.

> **Note.** The installer package and the executable are not code-signed. When the package is started, Windows may warn about an unknown publisher. Download the package only from the iMobile website.

3. Installation

3.1. Interactive installation

The installer dialogs are in English. The installer has no licence agreement page.

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1. Sign in to Windows as an administrator, or have administrator credentials ready for the User Account Control prompt.
2. Run `MoneyCounter-2.0.0.0-Setup.msi`.
3. On the welcome page click Next.
4. On the Destination Folder page keep `C:\Program Files\MoneyCounter\` or choose another folder with Change, then click Next.
5. Click Install and confirm the User Account Control prompt.
6. On the last page click Finish. If the Launch MoneyCounter box is ticked (the default), the program starts.

3.2. Unattended installation

Run the commands from a command prompt started as administrator.

```
msiexec /i MoneyCounter-2.0.0.0-Setup.msi /qn /norestart
```

To install to another folder:

```
msiexec /i MoneyCounter-2.0.0.0-Setup.msi /qn /norestart INSTALLFOLDER="D:\MoneyCounter"
```

To write an installation log:

```
msiexec /i MoneyCounter-2.0.0.0-Setup.msi /qn /norestart /l*v "%TEMP%\mc-setup.log"
```

An unattended installation does not start the program afterwards.

4. Initial setup

No setup is required: after installation the program is ready to use as the Free edition. On first start it creates the database with the built-in directory of 78 currencies and selects the language of Windows (English if that language is not one of the 16 interface languages) and the currency of the Windows region.

4.1. Language and currency

Users choose the language and the currency in the program window. The values are stored under the registry key `HKCU\Software\MoneyCounter`:

Value	Meaning
`Language`	interface language code: `en`, `ru`, `de`, `es`, `zh`, `ja`, `ko`, `ar`, `tr`, `fa`, `pt-br`, `fr`, `it`, `pl`, `vi`, `id`; an empty or missing value means the language of Windows
`val` in the subkey `conf`	selected currency: the ISO 4217 code of a built-in currency, or the name of a user-defined one
subkey `GData`	column layout of the history table

The language for a single run can be set on the command line: `MoneyCounter.exe --lang en`.

4.2. Pro edition

Pro is activated by the user in his or her own Windows account: menu ? → Activation…, the e-mail address to which the right to the Pro edition is assigned, and the code from the e-mail (the steps are in the User Guide). Activation needs HTTPS access from the workstation to `accounts.new-imobile.com` and access to the mailbox.

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- The activation is stored in the user profile and is valid only under that Windows account on that computer. A `license.dat` file copied to another computer or account does not work.
- Activating with the same e-mail address on another computer or under another account moves Pro there; at its next check the program in the previous place returns to the Free edition.
- The program checks the edition in the background on every start. Without the server a stored Pro confirmation works for 30 days after the last successful check.
- The program has no "deactivate" command. To remove the activation from a workstation, close the program and delete `%APPDATA%\MoneyCounter\license.dat`.

4.3. Database folder

The environment variable `MONEYCOUNTER_DATA_DIR` sets a different folder for the database file `moneycounter.ste`. It exists for testing the program; `license.dat` stays in `%APPDATA%\MoneyCounter`. The program window has no setting for the data folder.

5. Checking the installation

1. Start the program from the MoneyCounter shortcut in the Start menu. A splash screen is shown for 5 seconds; work is done in the main window titled "MoneyCounter — Banknote counter".
2. Open the currency list in the top left corner of the window: it contains 78 currencies.
3. Type a quantity in any row of the denomination table: the display shows the total.
4. Open menu ? → About: the window shows "Free version. Version: 2.0.0.0" (after activation, "Pro version. Version: 2.0.0.0").
5. Check that the file `%APPDATA%\MoneyCounter\moneycounter.ste` has been created.

If the Pro edition is going to be used, also check the connection to the account server (see "Diagnostics").

6. Updating

The program has no automatic update and does not check for new versions. A new version is published on the iMobile website as a new MSI package.

1. Close the program on the workstation.
2. Install the new package in the same way as the first installation.

The package is a Windows Installer major upgrade: an installed version with a lower number is removed automatically. Installing a lower version over a newer one is refused with the message "A newer version of MoneyCounter is already installed." The database, activation and settings of users are not touched by an update. When the new version starts, currencies that are new in the built-in directory are added to the database; existing currencies, their denominations and the history are not changed.

If the program folder contains a file `mcounter.ste` (the database of pre-2.0 versions) and the user profile has no database yet, that file is copied to the profile as `moneycounter.ste` on first start.

7. Backup and restore

All count data is in one file, `%APPDATA%\MoneyCounter\moneycounter.ste`. The program has no built-in backup schedule.

To make a copy:

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- use the program command File → Back up… (done by the user), or
- copy the file with operating system tools while the program is closed, for example:

```
copy "%APPDATA%\MoneyCounter\moneycounter.ste" "D:\Backup\moneycounter-%USERNAME%.ste"
```

To restore:

- use the program command File → Restore from backup…, or
- replace `moneycounter.ste` with the copy while the program is closed.

> **Note.** Restoring replaces the current database completely. The program does not validate the selected file and does not keep the previous database, so copy the current file first and select only files created by MoneyCounter.

User settings can be saved by exporting the registry key:

```
reg export HKCU\Software\MoneyCounter "D:\Backup\moneycounter-settings.reg"
```

There is no need to back up `license.dat`: it does not work on another computer or under another account. When moving a workstation, install the program, put `moneycounter.ste` into `%APPDATA%\MoneyCounter` of the new profile and activate Pro again with the same e-mail address.

8. Removal

Remove the program in Settings → Apps → MoneyCounter → Uninstall, or with this command run as administrator:

```
msiexec /x MoneyCounter-2.0.0.0-Setup.msi /qn /norestart
```

The program file and the shortcuts are removed. User data is not. To delete it, run the following under each user's account:

```
rmdir /s /q "%APPDATA%\MoneyCounter"
reg delete HKCU\Software\MoneyCounter /f
```

Removing the program does not change the activation data held by the account server. To have it deleted, contact iMobile.

9. Diagnostics

9.1. Logs

The program keeps no operation logs and creates no diagnostic files. Errors are reported in message boxes. An installation log can be produced by Windows Installer (the `/l*v` option of the install command).

9.2. Checking the connection to the account server

The `--verify-server` switch, without opening any windows, asks the account server for a signed service string and verifies the signature with the key embedded in the program. No user data is sent. The result is written to the file you name.

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```
cd /d "C:\Program Files\MoneyCounter"
start /wait "" MoneyCounter.exe --verify-server "%TEMP%\mc-verify.txt"
type "%TEMP%\mc-verify.txt"
```

Result	Meaning
`1`	the server is reachable and the signature is valid
`0`	a reply was received but the signature did not match: the reply was altered on the way or did not come from the iMobile server
`-1`	the server did not answer: no HTTPS access to `accounts.new-imobile.com`

9.3. Common problems

Symptom	Cause	What to do
Windows warns about an unknown publisher when the package is started	the package is not code-signed	make sure the package was downloaded from the iMobile website and continue
Installation refused: "A newer version of MoneyCounter is already installed."	a newer version is installed	keep the installed version, or remove it first
Activation dialog: "Could not reach the activation server. Check your internet connection."	the workstation cannot connect to `accounts.new-imobile.com` over HTTPS	allow the connection on the firewall or proxy; check with `--verify-server`
Activation dialog: "The server reply failed verification."	the signature of the reply did not match	check whether traffic filtering alters the replies; run the `--verify-server` check
"The code is wrong or has expired."	a code is valid for 30 minutes and can be used once	request a new code
"Too many requests. Try again in an hour."	the server limits the request rate	try again later
"The e-mail could not be sent. Try again later."	the server could not send the e-mail with the code	try again later; if it persists, contact iMobile
Pro has turned into Free	no contact with the server for more than 30 days; Pro was activated with the same address elsewhere; the system clock was set back; `license.dat` was deleted or belongs to another account	restore the connection and restart the program; activate again if needed
Currency names are in English although another interface language is selected	the operating system has no ICU component	use Windows 10 version 1903 or later
A database error message at start or after a restore	`moneycounter.ste` is damaged or was replaced with a file of another format	close the program and replace the file with a backup; if there is none, rename the file — the next start creates a new database with the built-in directory

After the computer is renamed, the stored Pro confirmation no longer matches the computer; Pro is restored the next time the program starts with access to the server. After Windows is reinstalled, or when moving to another account, activate again.

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9.4. Service switches and variables

The executable contains facilities the vendor uses to verify a build; do not use them in production. The switches `--shot`, `--hold` and `--currency` save window images with sample data, and add sample records to an empty history. The environment variable `MONEYCOUNTER_ACCOUNT_SERVER` sets a different account server address; the reply signature is still verified with the key embedded in the program.

9.5. Contacting the vendor

Contact form: https://new-imobile.com/contact. State the program version from the About window, the Windows version and the text of the error message.

Document history

Document version	Date	Product version	Change
1.0	2026-10-06	2.0.0.0	First issue

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