



## Application User Guide

AUG 063 / Rev. 1.1

## eBuddy

Learn all there is to know regarding the eBuddy software: change eWON's IP address, perform upgrade firmware or recovery...

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## 1. Purpose

eBuddy has been developed in order to ease the configurations of the eWONs.

With the eBuddy software, you are able to:

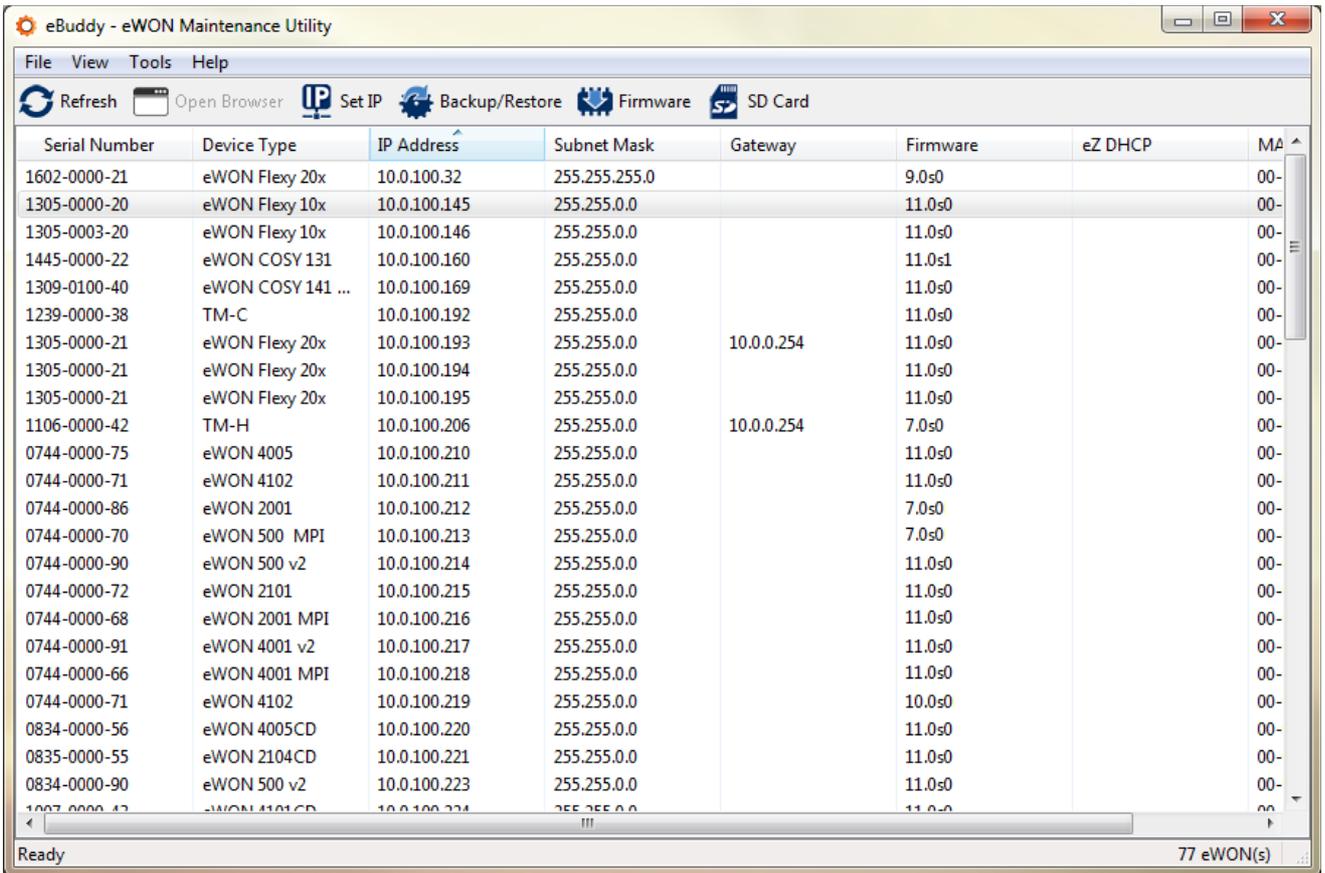
- change eWON's IP address
- perform a backup or restore one
- perform a firmware upgrade or a recovery
- access the eWON without being on the same IP range
- ...

This document explains what are the different features eBuddy offers and how to use them.

## 2. General Display

eBuddy lists:

- a top menu navigation where all actions can be performed
- a quick launch buttons menu regrouping some of the most useful features
- all eWONs available on your network with different information displayed



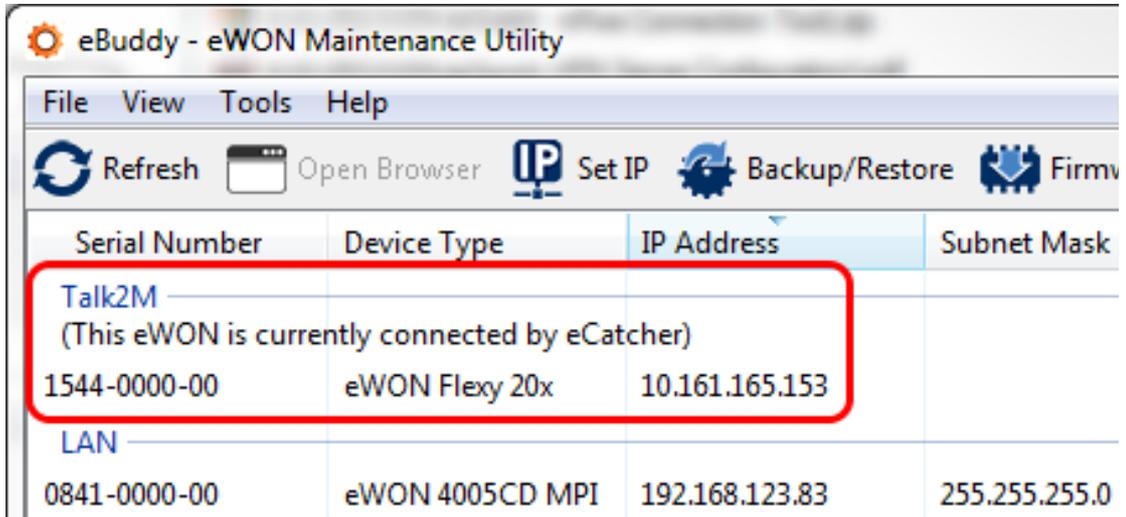
Serial Number	Device Type	IP Address	Subnet Mask	Gateway	Firmware	eZ DHCP	MA
1602-0000-21	eWON Flexy 20x	10.0.100.32	255.255.255.0		9.0s0		00-
1305-0000-20	eWON Flexy 10x	10.0.100.145	255.255.0.0		11.0s0		00-
1305-0003-20	eWON Flexy 10x	10.0.100.146	255.255.0.0		11.0s0		00-
1445-0000-22	eWON COSY 131	10.0.100.160	255.255.0.0		11.0s1		00-
1309-0100-40	eWON COSY 141 ...	10.0.100.169	255.255.0.0		11.0s0		00-
1239-0000-38	TM-C	10.0.100.192	255.255.0.0		11.0s0		00-
1305-0000-21	eWON Flexy 20x	10.0.100.193	255.255.0.0	10.0.0.254	11.0s0		00-
1305-0000-21	eWON Flexy 20x	10.0.100.194	255.255.0.0		11.0s0		00-
1305-0000-21	eWON Flexy 20x	10.0.100.195	255.255.0.0		11.0s0		00-
1106-0000-42	TM-H	10.0.100.206	255.255.0.0	10.0.0.254	7.0s0		00-
0744-0000-75	eWON 4005	10.0.100.210	255.255.0.0		11.0s0		00-
0744-0000-71	eWON 4102	10.0.100.211	255.255.0.0		11.0s0		00-
0744-0000-86	eWON 2001	10.0.100.212	255.255.0.0		7.0s0		00-
0744-0000-70	eWON 500 MPI	10.0.100.213	255.255.0.0		7.0s0		00-
0744-0000-90	eWON 500 v2	10.0.100.214	255.255.0.0		11.0s0		00-
0744-0000-72	eWON 2101	10.0.100.215	255.255.0.0		11.0s0		00-
0744-0000-68	eWON 2001 MPI	10.0.100.216	255.255.0.0		11.0s0		00-
0744-0000-91	eWON 4001 v2	10.0.100.217	255.255.0.0		11.0s0		00-
0744-0000-66	eWON 4001 MPI	10.0.100.218	255.255.0.0		11.0s0		00-
0744-0000-71	eWON 4102	10.0.100.219	255.255.0.0		10.0s0		00-
0834-0000-56	eWON 4005CD	10.0.100.220	255.255.0.0		11.0s0		00-
0835-0000-55	eWON 2104CD	10.0.100.221	255.255.0.0		11.0s0		00-
0834-0000-90	eWON 500 v2	10.0.100.223	255.255.0.0		11.0s0		00-
1007-0000-42	eWON 4101CD	10.0.100.224	255.255.0.0		11.0s0		00-

### eBuddy linked with eCatcher

**- Important -**

*What follows is for eBuddy version 11.2 or higher only.*

If you are connected to an eWON in eCatcher, eBuddy will also display it on top of the list.



Serial Number	Device Type	IP Address	Subnet Mask
Talk2M (This eWON is currently connected by eCatcher)			
1544-0000-00	eWON Flexy 20x	10.161.165.153	
LAN			
0841-0000-00	eWON 4005CD MPI	192.168.123.83	255.255.255.0

**- Note -**

*If you connect to your eWON in eCatcher while eBuddy is already opened, you'll need to hit the "Refresh" button to see it appear under the "Talk2M" section. This is not an automatic process.*

### 3. General recommendations

#### Stay up-to-date

We always recommend using the latest version of eBuddy.

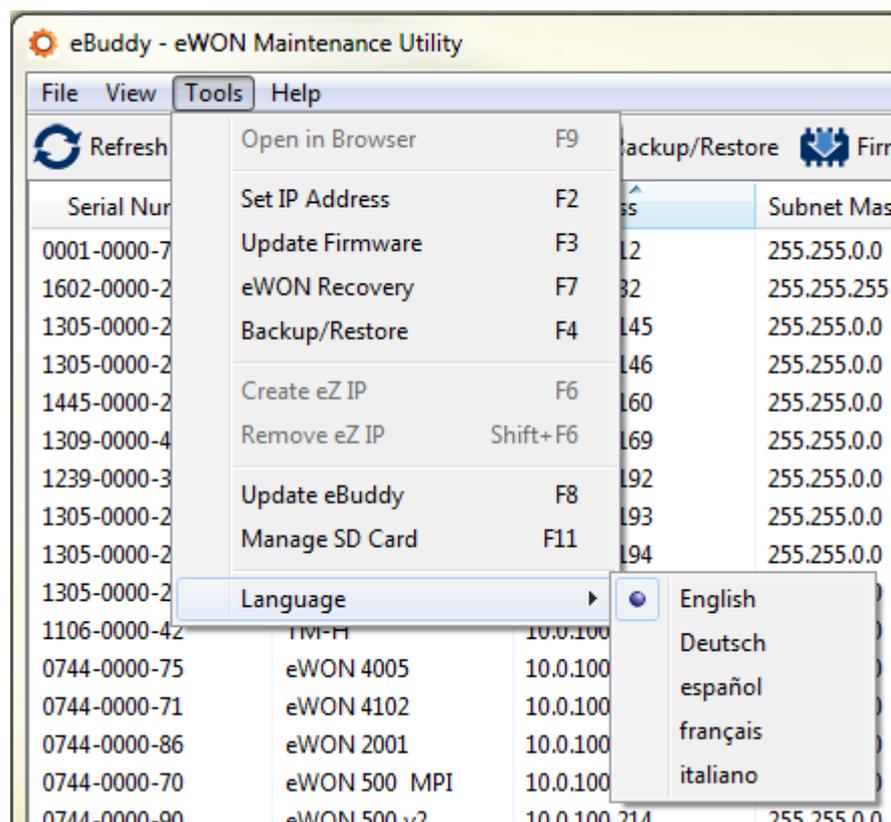
To download the software, visit the [eBuddy support section](#) on eWON's website and install the last version available on your computer.

Since software version 11.2, eBuddy warns automatically if a new version is available. Since [Chapter Update eBuddy](#) for more information.

#### Languages

eBuddy has been translated in multiple languages.

For a better User Experience, put the eBuddy software in your desired language.



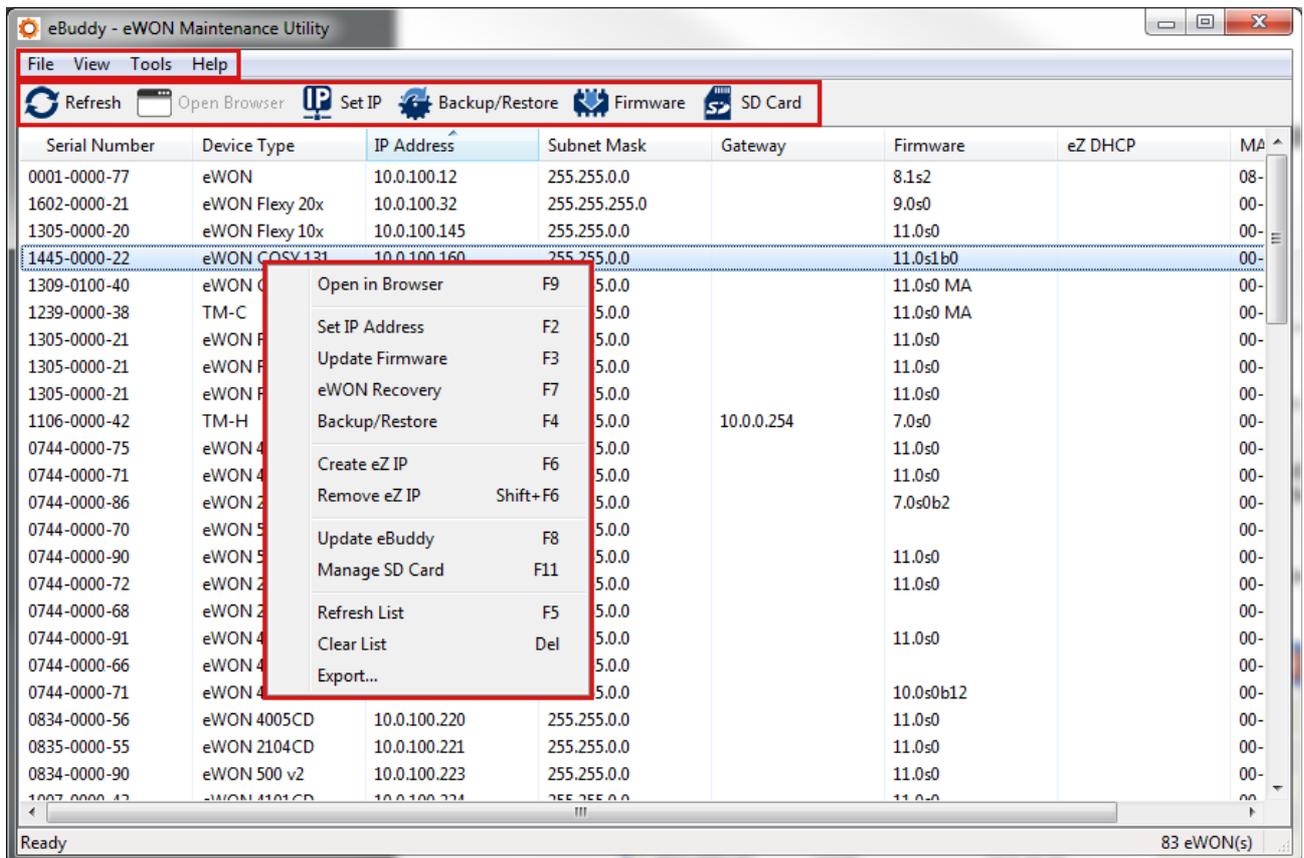
This modification can be done at any time but when the language has been changed, eBuddy will ask you to restart the software.

In case you don't restart it, you will be able to continue using eBuddy but still in the previous language.

## 4. Features

All the features explained here under are available following 4 different paths:

- via the menu
- via the toolbar
- by right-clicking on eWON's list
- pressing shortcut keys F#



### - Note -

*Prior to eBuddy v11, there were two interfaces available: the Wizard and the List mode.*

*The Wizard mode was used as a quick links interface and embedded 4 links: Set the IP address, Update firmware, Backup/Restore Application & Update eBuddy. Those links were also available in the List mode.*

*Starting version 11, there is no longer the Wizard mode. If you were using this mode before updating eBuddy, it will automatically switch to List mode.*

## Export

The “Export” feature allows you to download a .csv file containing a list of all eWONs available on your network.

This file shows exactly the same information ( serial number, device type, IP address, firmware, ... )you can see in eBuddy.

## Refresh

The “Refresh List” (F5 key) feature actualizes the list of the eWON(s) displayed and available on your network.

New eWONs that weren't displayed previously will appear in blue.

## Clear

The “Clear List” (Del key) feature erases all eWONs displayed in the eBuddy list. To display once again the list of eWONs available on your network, use the [Refresh feature](#).

## Open Browser

The “Open Browser” (F9 key) feature opens a new window (or a new tab if the browser is already opened) in your default browser and targets the eWON's web interface.

### - Note -

*If you're not in the same IP addresses range, eBuddy activates automatically the eZ DHCP which makes it possible to reach the eWON even if this one is normally out of reach.*

*eZ DHCP is deactivated either by telling eBuddy to do so or by quitting eBuddy software.*

*See the [eZ DHCP Section](#) for more info.*

## Set IP

The “Set IP” (F2 key) feature allows you to set an IP address of your own choice.

By default, the IP address of an eWON is 10.0.0.53

To change the IP address, you can:

- Select an eWON and perform the change (via the toolbar, by right-clicking...)

- Directly hit the Set IP button and type the serial number of the targeted eWON

**- Note -**

*If your eWON doesn't appear in eBuddy's list but is connected to your network, you can still perform an IP change, an update, a backup, a recovery... by simply writing the serial number of the eWON.*

The process is divided in 3 steps:

- Write the serial number of the targeted eWON (if not already autofilled)
- Write the desired IP address to assign to the eWON
- eBuddy changes the IP address of the eWON

## **Backup / Restore**

The "Backup / Restore" (F4 key) feature allows you to

- save the configuration of an eWON on your computer as .tar file.
- upload a backup file on your eWON

The backup can be useful to keep an trace of eWON's configuration, copy the configuration from one eWON to another one, reset the configuration after a recovery... It is basically an image of your eWON

Backup files can also be needed when contacting eWON Support. In this case, don't forget to check the "Include Support Files" when initializing the process in order to attach all dynamic files with their current status.

**- Important -**

*When restoring your eWON, the process will first erase all configuration already existing in order to put the new one.*

A simple backup saves the following files:

- config.txt
- comcfg.txt
- program.bas
- /usr/\* (with all files and sub-directories)

With the "Include Support Files", the following files are added:

- events.txt
- sysinfo.txt (file equivalent to the estat.htm)

The process is divided in 4 steps:

- Choose whether it is a backup (with Support files or not) or a restore
- Mention the serial number or IP address of the eWON
- Give a name to your backup archive
- eBuddy performs the backup

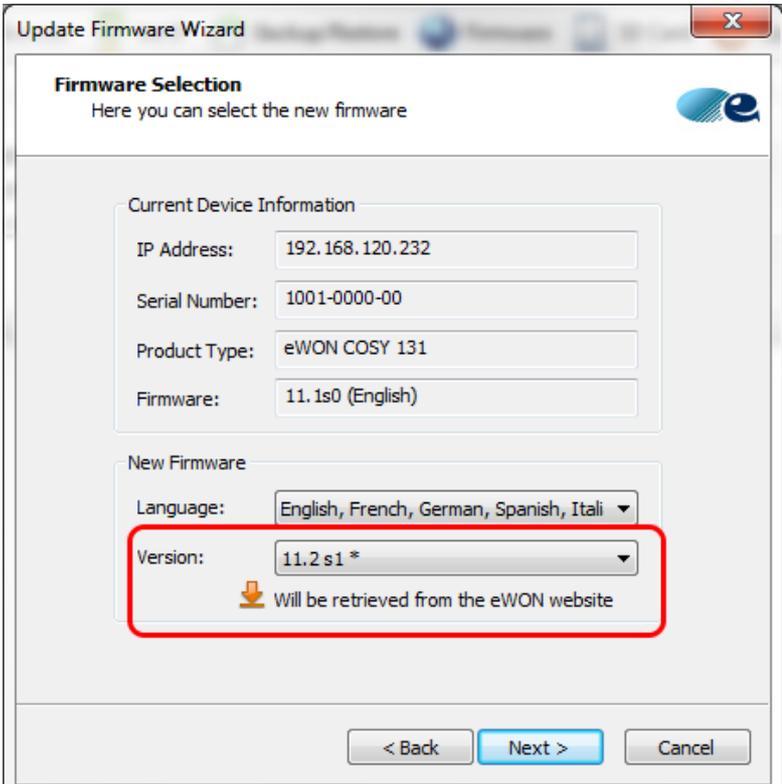
## Update Firmware

The “Update Firmware” (F3 key) allows you to upgrade, through the FTP protocol, the firmware of your eWON to a higher version.

The firmware update can be used with the eZ DHCP.

Prior to version 11.2, eBuddy considers firmware versions that are available on your computer only. If you don't upgrade your eBuddy first (see [Chapter Update eBuddy](#)), you will not be able to upgrade your eWON to a new firmware.

Starting version 11.2, eBuddy also checks our website if any firmware versions are more recent compared to what's on your computer. This is totally transparent when going through the Update Firmware process.



**Update Firmware Wizard**

**Firmware Selection**  
Here you can select the new firmware

Current Device Information

IP Address: 192.168.120.232

Serial Number: 1001-0000-00

Product Type: eWON COSY 131

Firmware: 11.1s0 (English)

New Firmware

Language: English, French, German, Spanish, Itali

Version: 11.2 s1 \*

Will be retrieved from the eWON website

< Back   Next >   Cancel

When a firmware version is retrieved from eWON website, it is first copied on the computer (and so will become locally available) before being sent to the eWON in order to apply the update.

When using the Update Firmware feature, eBuddy compares the firmware on the eWON and the ones on your computer (or on our website if eBuddy version is  $\geq$  11.2). If there's a more recent version compared to what's on the eWON, it proposes all versions that were released after the build-in firmware.

The process is divided in 3 steps:

- Fill in the FTP settings to connect to your eWON
- Indicate which firmware you want to upgrade to (an eBuddy update might be necessary)
- the eWON upgrades its firmware

**- Note -**

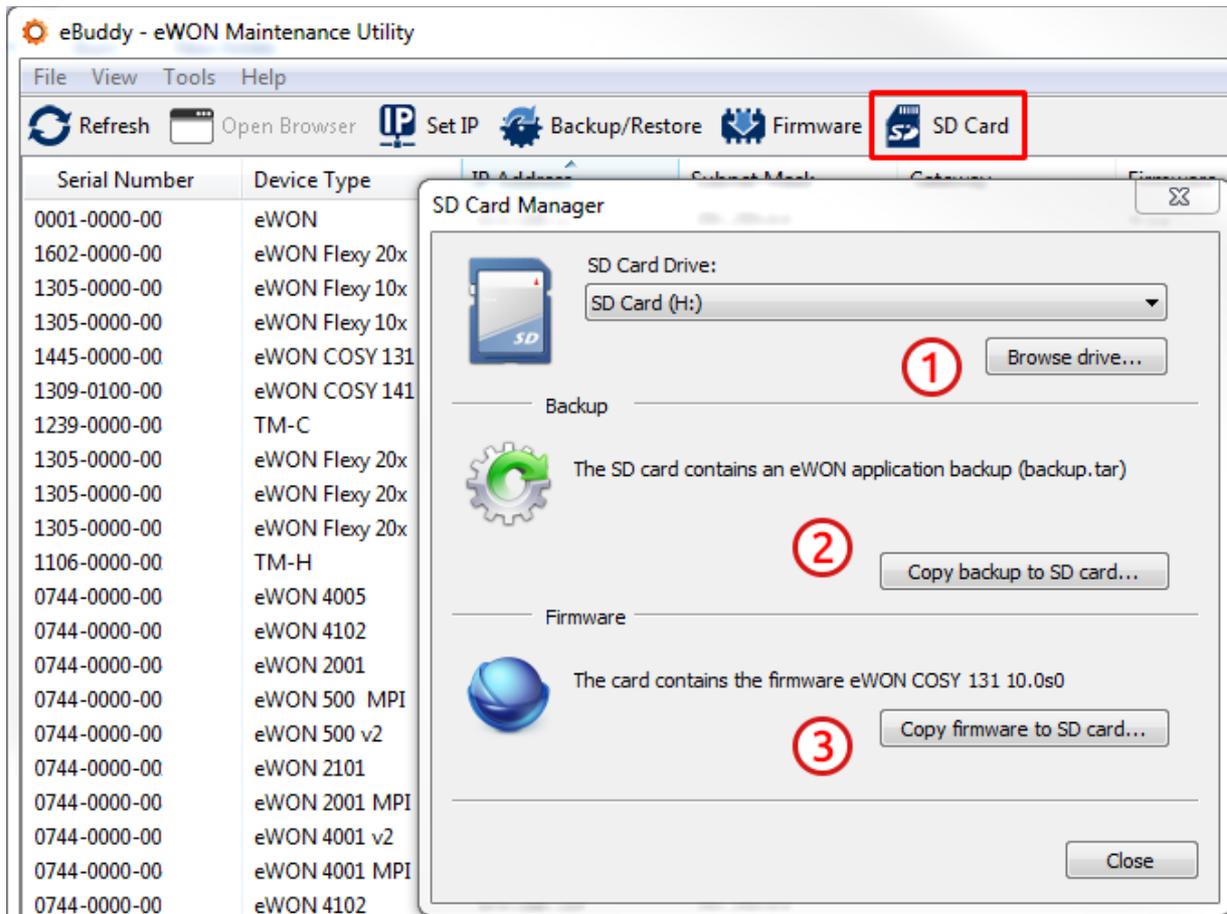
*For most of the cases, to avoid connection issues, you will need to check the option "Passive" when asked for FTP information.*

## **SD Card**

The "SD Card" (F11 key) feature allows the content management for easy commissioning.

Three options are available:

- Browse locally the SD Card in Windows Explorer.
- Copy the backup of an eWON to the SD Card (to put it in another eWON, for analyze purpose...)
- Download a firmware version on the SD Card (only starting firmware v10).



**- Note -**

*If a firmware is already on the SD Card and you choose to copy a firmware on it, the new copy will replace the existing file. You won't have multiple firmware version on a single SD Card.*

## Update eBuddy

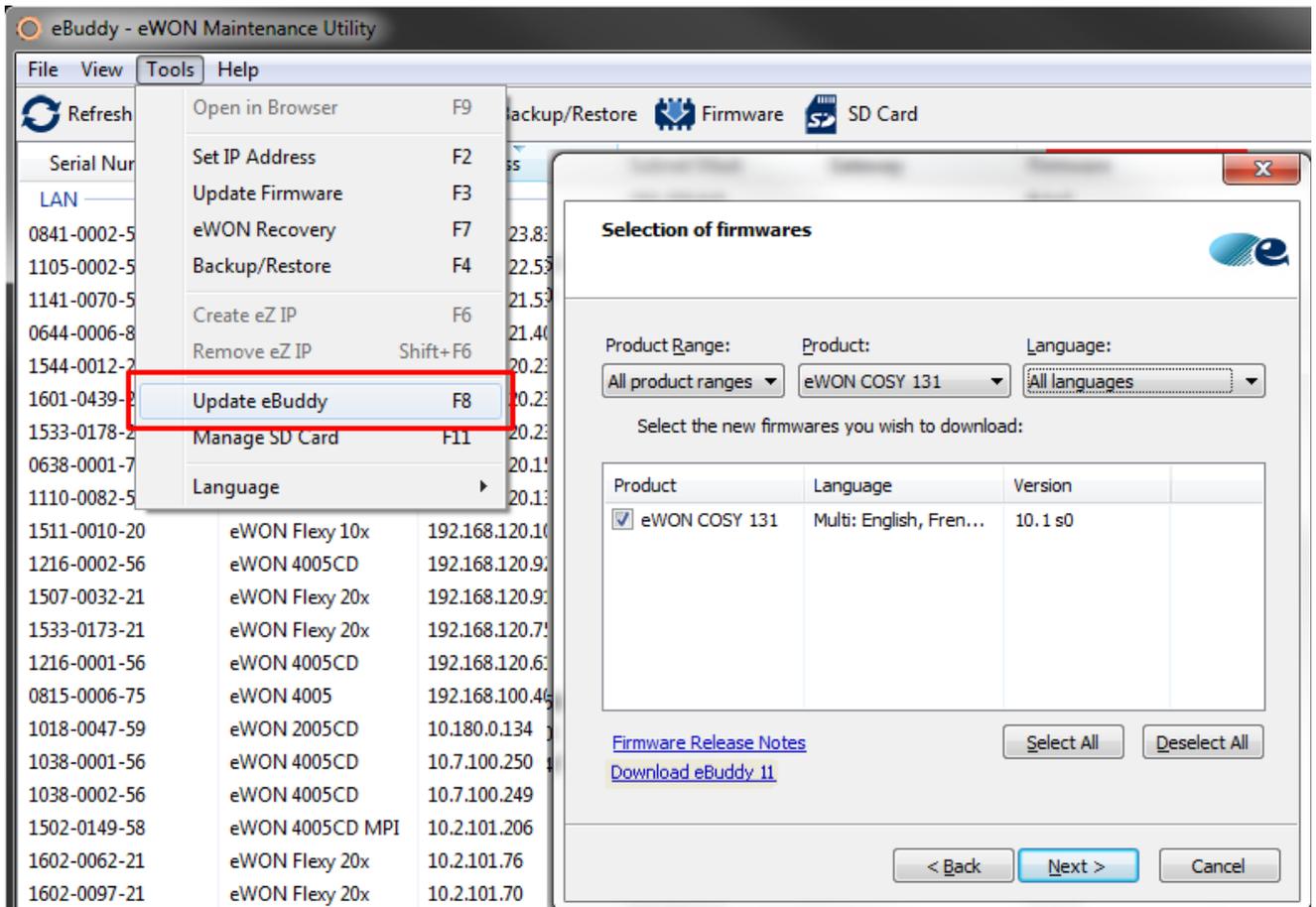
The "Update eBuddy" (F8 key) allows you to stay up to date regarding eWON firmware but also the eBuddy software itself.

By using this feature, you'll be offered to download the latest firmware available for your eWON(s).

If it's possible to download the latest firmware to keep your eWONs up to date, it also indicates when a new eBuddy software version is available.

**- Note -**

Starting version 11.2, eBuddy performs an automatic software update check. If a new version is available, you will be warned and proposed automatically to download this new version.



You can also check eWON firmware release notes directly from eBuddy via the link underneath the table presenting download available firmware.

**- Note -**

All the firmware available on your computer are located in the eBuddy installation folder (by default it should be: C:\Program Files (x86)\eBuddy\Firmware

## eZ DHCP

The “eZ DHCP” (F6 key) feature which stands for “Easy DHCP” generates a temporary network compliant IP address in order to reach your eWON from your computer.

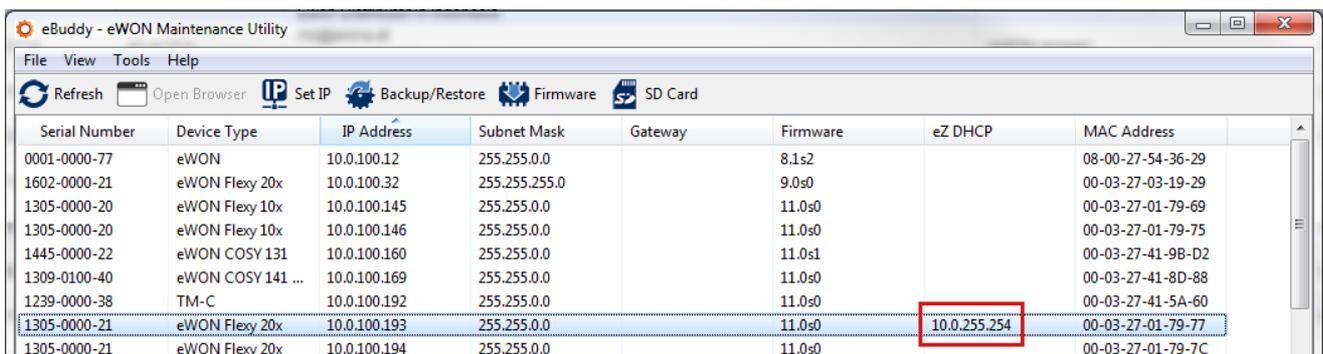
When activating the “eZ DHCP”, eBuddy scans the network for a free and compatible (with the computer) IP address. When eBuddy finds one, it sends it to the eWON which will temporarily listen on this IP address.

From then on, you are able to connect directly to your eWON without the need to change your network settings.

### - Note -

*You can perform a firmware update (not applicable for firmware recovery) using the eZ IP.*

Once an IP address has been assigned to your eWON, it will appear in the eWONs list under the eZ DHCP column.



Serial Number	Device Type	IP Address	Subnet Mask	Gateway	Firmware	eZ DHCP	MAC Address
0001-0000-77	eWON	10.0.100.12	255.255.0.0		8.1s2		08-00-27-54-36-29
1602-0000-21	eWON Flexy 20x	10.0.100.32	255.255.255.0		9.0s0		00-03-27-03-19-29
1305-0000-20	eWON Flexy 10x	10.0.100.145	255.255.0.0		11.0s0		00-03-27-01-79-69
1305-0000-20	eWON Flexy 10x	10.0.100.146	255.255.0.0		11.0s0		00-03-27-01-79-75
1445-0000-22	eWON COSY 131	10.0.100.160	255.255.0.0		11.0s1		00-03-27-41-98-D2
1309-0100-40	eWON COSY 141 ...	10.0.100.169	255.255.0.0		11.0s0		00-03-27-41-8D-88
1239-0000-38	TM-C	10.0.100.192	255.255.0.0		11.0s0		00-03-27-41-5A-60
1305-0000-21	eWON Flexy 20x	10.0.100.193	255.255.0.0		11.0s0	10.0.255.254	00-03-27-01-79-77
1305-0000-21	eWON Flexy 20x	10.0.100.194	255.255.0.0		11.0s0		00-03-27-01-79-7C

To delete an eZ IP (Shift + F6 key), you can do it either via the “Tool” menu or by right-clicking on the targeted eWON.

### - Note -

*If you quit eBuddy with generated eZ IP still alive, eBuddy will deleted them before closing.*



## Appendix A - Update manually firmware folder

eBuddy stores its downloaded firmware in a specific folder which is by default C:\Program Files (x86)\eBuddy\Firmware.

This directory contains all the firmware you want to share on your local network.

These firmwares file names are with the following names format:

**eRx\_xsyPzz\_aa.edf**

with :

- x\_x : version of the firmware (10\_1 ; 11\_0 ; ...)
- y : Service release
- z : eWON type represented by the PCode. This PCode are the last digits of your eWON serial number
- aa : language of the firmware (uk ; de ; ma : ... )

Examples:

- **eR11\_0s0P21\_ma.edf**  
is the firmware 11.0s0 of a Flexy 201 (Pcode 21) in multiple language (ma)
- **eR10\_1s0P22\_ma.edf**  
is the firmware 10.1s0 of a Cosy 131 (PCode 22) in multiple language (ma)



## Revision

### Revision History

Revision Level	Date	Description
1.0	19/01/2016	Original Document
1.1	15/07/2016	Update Chapter "Update eBuddy" & Chapter "Firmware Update" Added Chapter "General Display"

### Document build number: 38

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