



Updating Talk2M VPN CA Via SD Card

Why a VPN CA update is required?

All secure VPN based solutions (like Talk2M) uses certificates to establish a trusted connection between the server and the remote gateways. All certificates have a validity start date ("no connection before") and a validity end date ("no connection after"), therefore the renewal of this CA (Certificate Authority) is a normal action in the life cycle of a VPN based products.

When an eWON gateway is connected to the Talk2M server (view as ONLINE in [eCatcher](#)).

This action is perfectly transparent and the replacement of this CA is done automatically in background by Talk2M.

My eWON gateway cannot be connected before the end of VPN CA validity

My gateway is an eWON COSY 131 or FLEXY with a firmware higher than v11

You can use the SD Card (FAT32) feature to request a new registration of the gateway on Talk2M server and receive automatically the new VPN CA from the Talk2M server.

The eWON gateway will need to be connected to Internet before the insertion of the SD Card.

A. Select the flagged eWON gateway & copy the current eCatcher properties of the eWON by creating a new eWON via "properties\duplicate" (**Inside eCatcher**)

The screenshot shows the 'eWON Properties: Factory A' page in the eCatcher application. The user is logged in as 'Nicolas Herrensens [nhs] NHS_eWON [ref: 159791-32]'. The page has a navigation bar with 'Back to eWONs', 'Talk2M Connectivity', 'Duplicate' (highlighted in red), 'Delete', and 'Disable'. A yellow warning banner at the top reads: 'OpenVPN Certificate needs to be renewed! This eWON device certificate will expire on December 31st, 2018. More information available [here](#)'. The main content area shows details for 'Factory A', including its creation date (2016-11-04 08:40:06), location (BELGIUM), and serial number (1608-0040-20). A modal dialog box is open, titled 'Input', with the question 'Name of the new eWON:' and the text 'Factory B' entered. The dialog has 'OK' and 'Cancel' buttons. To the right, there is a map of Belgium with a location pin and a 'Modify...' button below it. A note at the bottom of the map says 'Right click on the map to change the eWON location' with a 'Help' link.

B. Erase the old eWON gateway from eCatcher via "properties/delete" (**Inside eCatcher**)

This screenshot is similar to the previous one, showing the 'eWON Properties: Factory A' page. In this view, the 'Delete' button in the navigation bar is highlighted in red. The warning banner at the top remains the same: 'OpenVPN Certificate needs to be renewed! This eWON device certificate will expire on December 31st, 2018. More information available [here](#)'. The main content area and the map are identical to the previous screenshot.

C. Retrieve the Global Registration Key from the eCatcher account GRK and export it to the SD card [Account/Shown advanced option/Auto-registration/Export to SD] (**Inside eCatcher**)

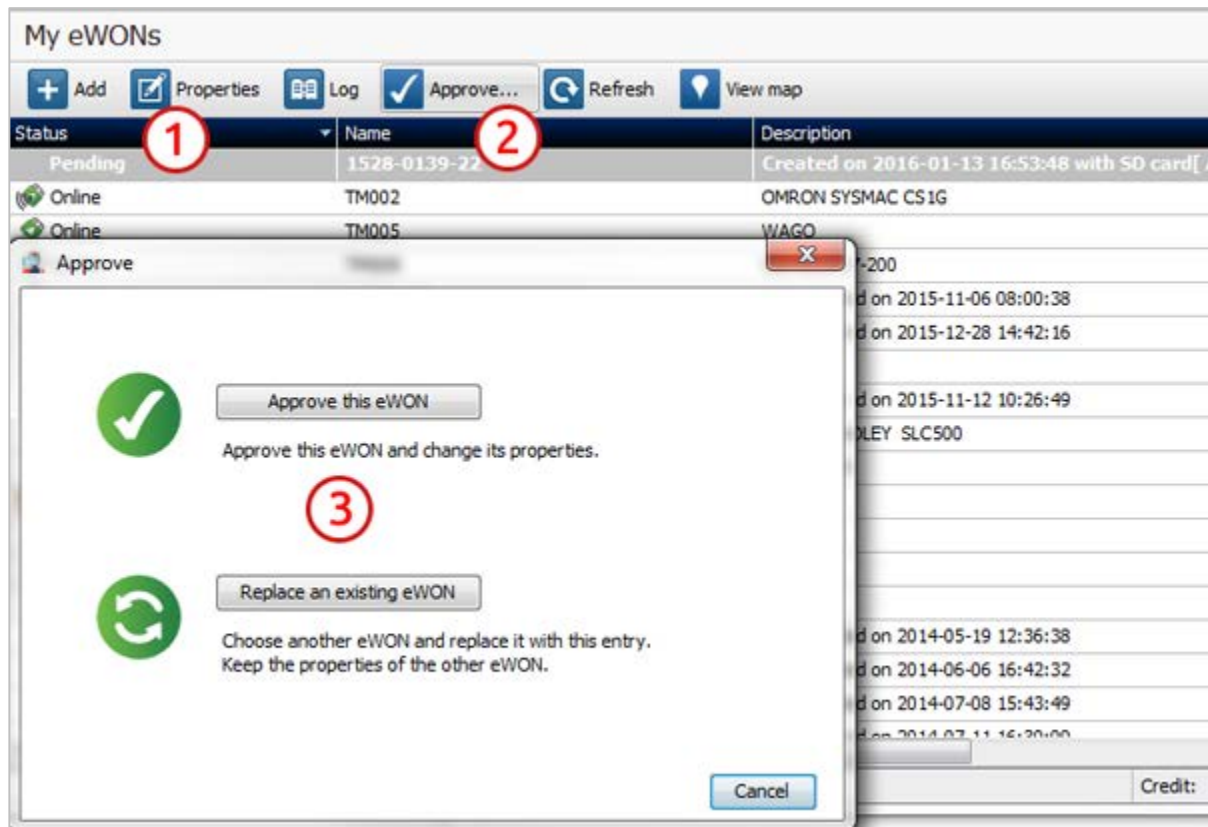


D. Reconfigure the Cosy / Flexy via SD Card

As a reminder, there is already a lot of documentation on how to use this Talk2M Key via SD card.

- Via our e-Learning website:
<https://ewon.biz/e-learning/library/cosy-131/manage-a-talk2m-free-account>
- Direct link of the video:
https://www.youtube.com/watch?time_continue=2&v=0mDseJghl5Q
- The ONLINE Help de ecatcher:
http://onlinehelp.ewon.biz/ecatcher/6.0/pro/en/index.html?ewon_autoregistration.htm
- AUG for the Configuration by SD Card:
https://websupport.ewon.biz/sites/default/files/aug-062-0-en-ewon_configured_by_sd_card.pdf

E. Assign the pending gateway to the existing configuration [Approve/Replace an existing eWON] (**Inside eCatcher**)

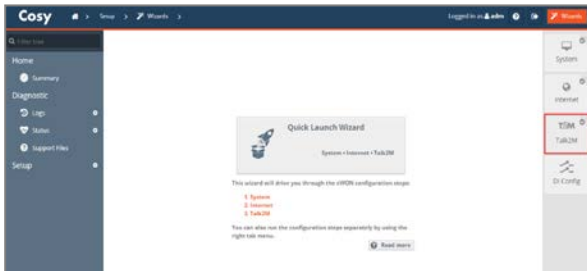


My gateway is an eWON COSY 131 or FLEXY with a firmware lower than v11

The SD Card feature is not implemented, the simplest way to get back online the device on Talk2M is to run once again the Talk2M wizard. If desired and possible, please update also the firmware unit to enable the SD Card feature.

For Cosy (new GUI) – Watch the [eLearning video](#)

For Flexy (new GUI) – Watch the [eLearning video](#)



My gateway is an eWON COSY 141 or CD without SD Card capabilities

The only way to get the device back online on Talk2M is to run once again the Talk2M wizard.

For CD, Cosy and Flexy (old GUI) – Watch the [eLearning video](#)



Backup/Restore after a VPN CA update

The VPN CA keys are present in the eWON Cosy/Flexy backups. Don't forget to generate a new backup of your Cosy/Flexy after a major modification such as a VPN CA update.