Raspberry Pi & Linux SL products - backing up and restoring a license

(This procedure does not apply to: Linux SL / Control Win SL / Control RTE SL / Linux Arm SL)

> ⊘ After activating the license on the device, the license should be backed up in case the SD/OS image needs to be restored in the future.

> ⚠ A soft-license can only be restored on the same device and not transferred to another. Alternatively, a license can be installed on a **CO DESYS dongle** that can be used on any Raspberry Pi's.

Quick links:

- TO BACK UP A LICENSE FILE
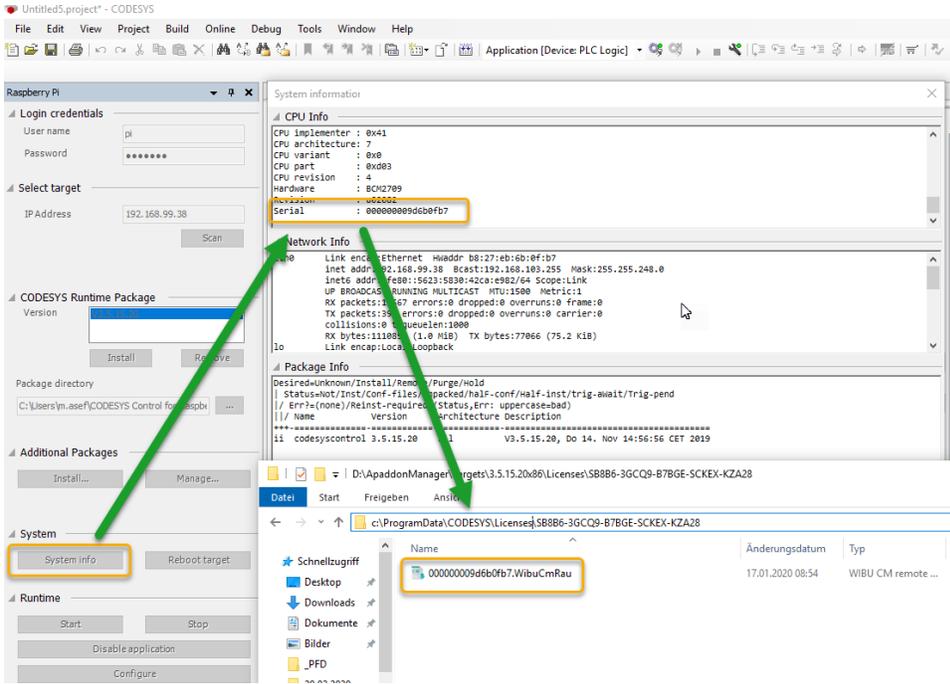- TO RESTORE A LICENSE

TO BACK UP A LICENSE FILE

There are two ways to do this:

1. **Back up from the device via the CODESYS file manager**
   After establishing a connection to the device,
      a. Select the *Files* tab of the Device window
      b. Choose a location to save the file in your PC or an external drive
      c. Click on the **Refresh** button on the Runtime side
      d. Select the "*CMLicenseNew.WibuCmRaU*" file in the Runtime's file system
      e. Click on the "**<<**" button
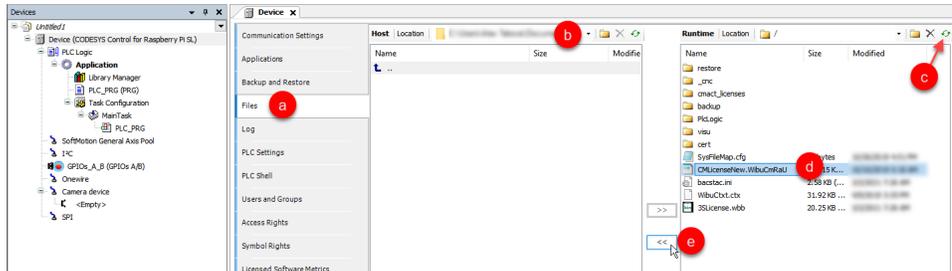
2. <u>**Only when using CODESYS >= 3.5 SP13**</u>**: There should be a back up already on the PC where the license was activated from**
   If the license was originally activated using CODESYS V3.5 SP13 or newer, the license backup file can be found under: "*C: \ProgramData\CODESYS\Licenses\<license ticket number>*" (there will be a folder for every license ticket)

The license file will have the following naming format: "*<Hardware serial number of the device>.WibuCmRau*". For example:
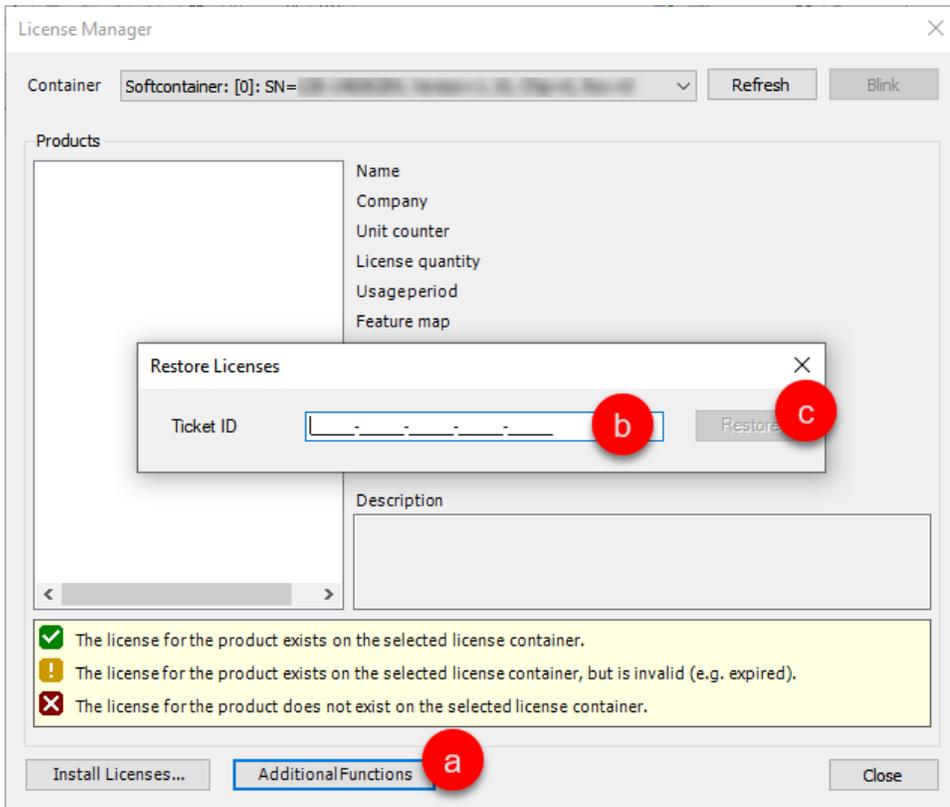

TO RESTORE A LICENSE

There are two ways to do this:

> ⚠ From version **CODESYS 3.5 SP17** (4.1.0.0) the content can only be deleted using the command **sudo rm /var/opt/codesys/.cmact_licenses /****
>
> If you are using an image or another license had already been activated on the device, delete the *cmact_license* folder from the Runtime's file system and restart the device before proceeding to restore the license.
>
>
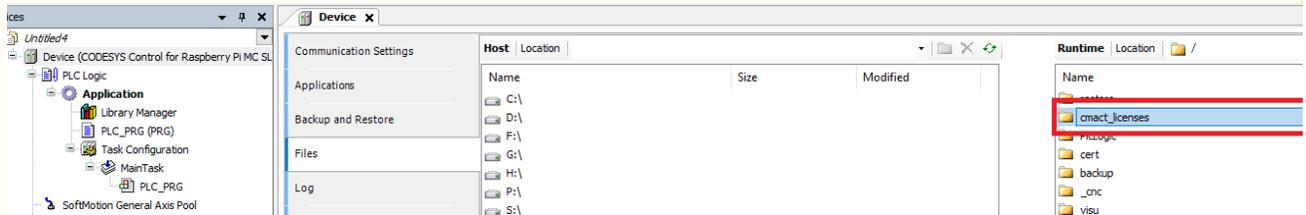
1. **Restore the license with the activation ticket**
   Using the License Manager (***Tools>License Manager...***),
   a. Click on ***Additional Functions***
   b. Enter the license activation ticket
   c. Click ***Restore***

2. **Restore the license from the license file**
   Open the License Manager (*Tools>License Manager...*) and
   a. Click on *Install Licenses...*
   b. Select *Install license* and click *Next >*
   c. Select the license file and click *Finish*
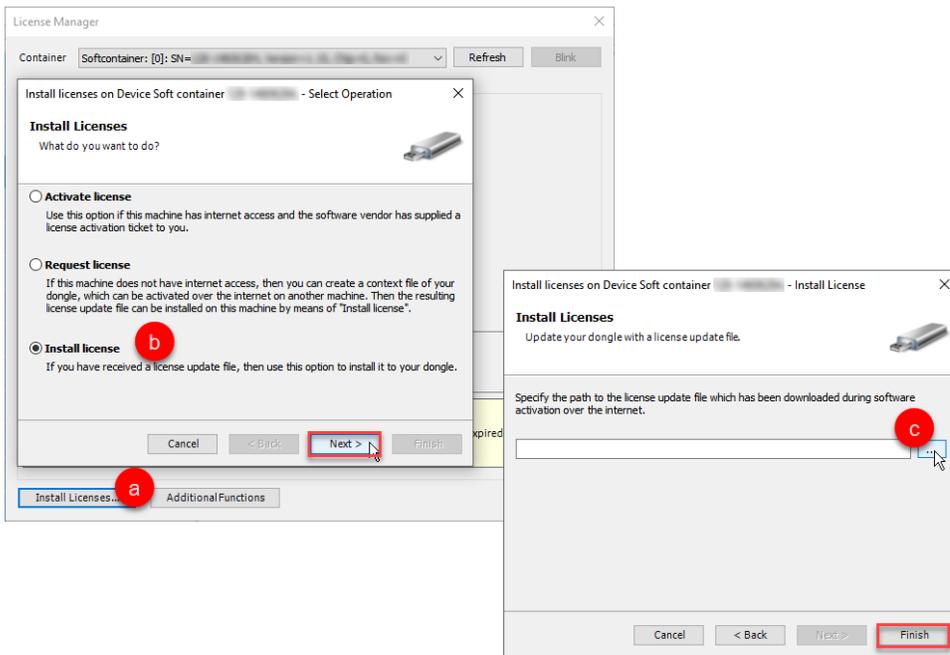
If using CODESYS V3.5 older than Service Pack 13, instead of the License Manager there is the **Edit Licenses** option found in the *PLC Settings* tab of the Device window: