



Ordering and installing software licenses



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1 Software products and license keys

Some software products require a runtime license key on the controller.

For these products there are different order numbers:

- **Runtime license**

A runtime license is independent of the version of a software product and does not change if new software versions are released. Per controller system which needs to execute the software one license is required. The license depends on the controller hardware and is delivered as a file.

- **Installer**

The installer is an executed file for Windows. The installer contains all components which are required to configure and operate the software, and also the user manual. Generally, when ordering, the installer with the latest available version of the software is delivered. On request it is also possible to order an installer with previous software versions. The delivery of the installer is done by sending a download link.

2 Ordering and installing runtime licenses

The runtime license depends on the CPU hardware. One of the three parameters can be selected:

- Serial number of the Compact Flash or CFast memory card
- Serial number of the USB stick that is plugged into the controller during operation of the software
- Serial number of the processor module (controller CPU)

Runtime licenses can either be ordered together with the M1 controller hardware (→ *Chapter 2.1, Page 3*), or they can be ordered at a later time (→ *Chapter 2.2, Page 4*).

2.1 Ordering the license together with the controller hardware

If customer-specific sets (parts list articles) are ordered, the license file will be stored on the controller before shipping. No additional steps are necessary for the customer. It is only necessary to install and configure the software modules via the Device Manager. The license is found automatically.

2.2 Ordering the license at a later time

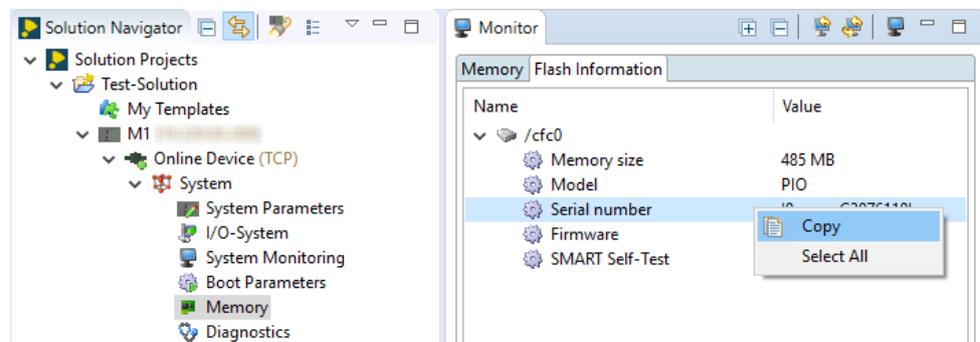
You need to transmit the serial number of either the memory card, the processor module or the USB stick to the e-mail address order@bachmann.info. Bachmann electronic GmbH will generate a license file for the requested software product and sends it back to you by e-mail or offers it for download. This license file enables the activation of the software by the customer.

The workflow is described in detail in the next section.

2.2.1 Reading the serial number

In the SolutionCenter, you can read the serial number of the memory card, the processor module or the USB stick. You can copy it to the Windows clipboard.

Compact Flash or CFast memory card

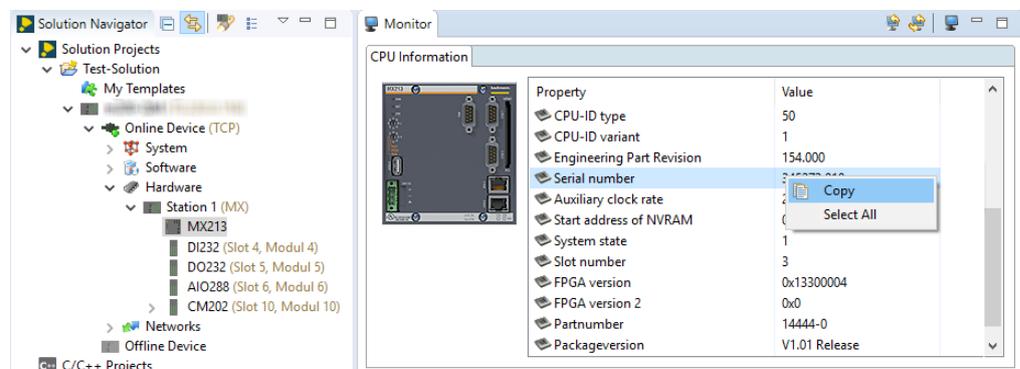


Procedure:

1. Select **Online Device > System > Memory** in the navigator view.
 2. In the monitor view in the "Flash Information" tab, select the "Serial Number" line and copy the selection to the clipboard via **Copy** context menu.
- Continue with

→ *Chapter 2.2.2 "Ordering the license file", Page 5*

Processor module



Procedure:

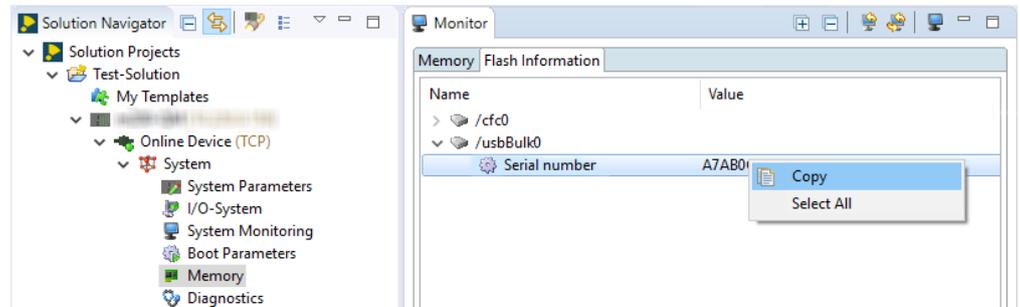
1. Select the processor module in the Navigator view under **Online Device > Hardware > Station 1**.

2. In the monitor view in the "CPU information" tab, select the "Serial Number" line and copy the selection to the clipboard via **Copy** context menu.

➔ Continue with

➔ *Chapter 2.2.2 "Ordering the license file", Page 5*

USB stick



Procedure:

1. Select **Online Device > System > Memory** in the navigator view.
2. In the monitor view in the "Flash Information" tab, select the "Serial Number" line and copy the selection to the clipboard via **Copy** context menu.

➔ Continue with

➔ *Chapter 2.2.2 "Ordering the license file", Page 5*

2.2.2 Ordering the license file

Procedure:

1. Order the license file via webshop and continue with

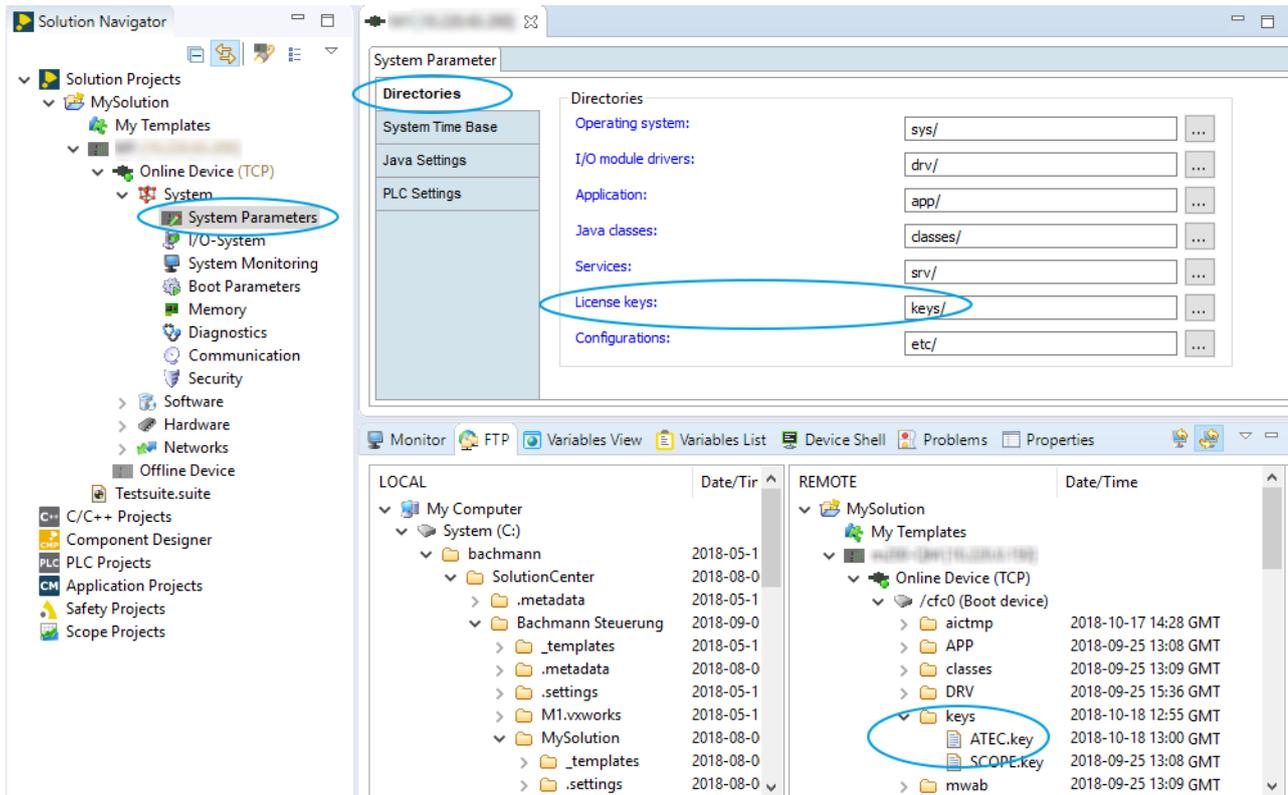
➔ *Chapter 2.2.3 "Installing the license file", Page 6*

– or –

2. If there is still no access to the webshop, send the serial number and description of the software product you need the license key for to the e-mail address order@bachmann.info.

➔ Bachmann electronic GmbH will generate a license file for the requested software product and sends it back to you by e-mail or offers it for download.

2.2.3 Installing the license file



Using the default directory

The license file is simply copied to the storage medium of the M1 controller. The storage path can be configured in the SolutionCenter. If the path specification is missing, the M1 controller searches for the license file in the default directory.

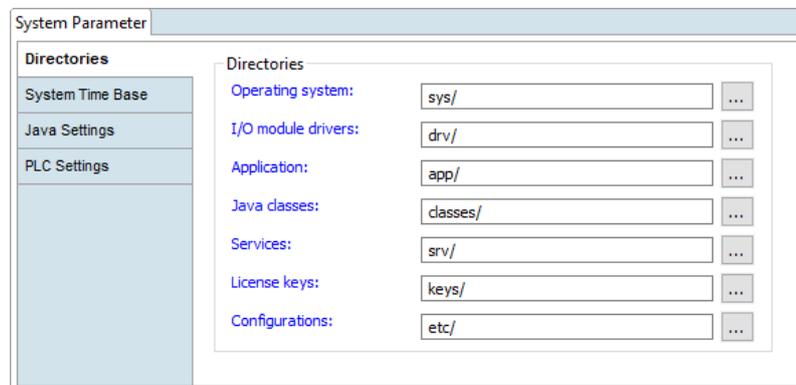
Procedure:

- i** If several software products need to be executed on the same processor module, for each product a separate license file is required.
-
1. In the FTP view copy the license file to the default directory `keys/` on the boot device.
- or –**
-
- i** If the license is bound to an USB stick, it must be available in the default directory on the USB stick.
-
2. In the FTP view copy the license file to the default directory `keys/` on the USB stick.
 3. Plug in the USB stick on the M1 controller.

Adapting a directory (optional)

Procedure:

1. In the Navigator view, double-click **Online Device > System > System parameters**.
➔ The configurator view opens.



2. In the configurator view in the "Directories" group, under "License keys", select the desired directory.
3. Save with .

3 Saving the license file

The license file is stored on the data carrier and could thus be deleted unintentionally. Formatting the medium also deletes the license file. If a customer image is copied to the M1 controller, make sure that the license file will not be overwritten by the license file with the same name and path, as this will replace the valid license file.

Procedure:

- ▶ Save a backup copy of the license file to another medium (recommended).
- ➔ If a license file is lost it can be retrieved via Bachmann Selfservice (<https://selfservice.bachmann.info/>).