

How to do

Firmware update with „Green Cable“

Preparing steps:

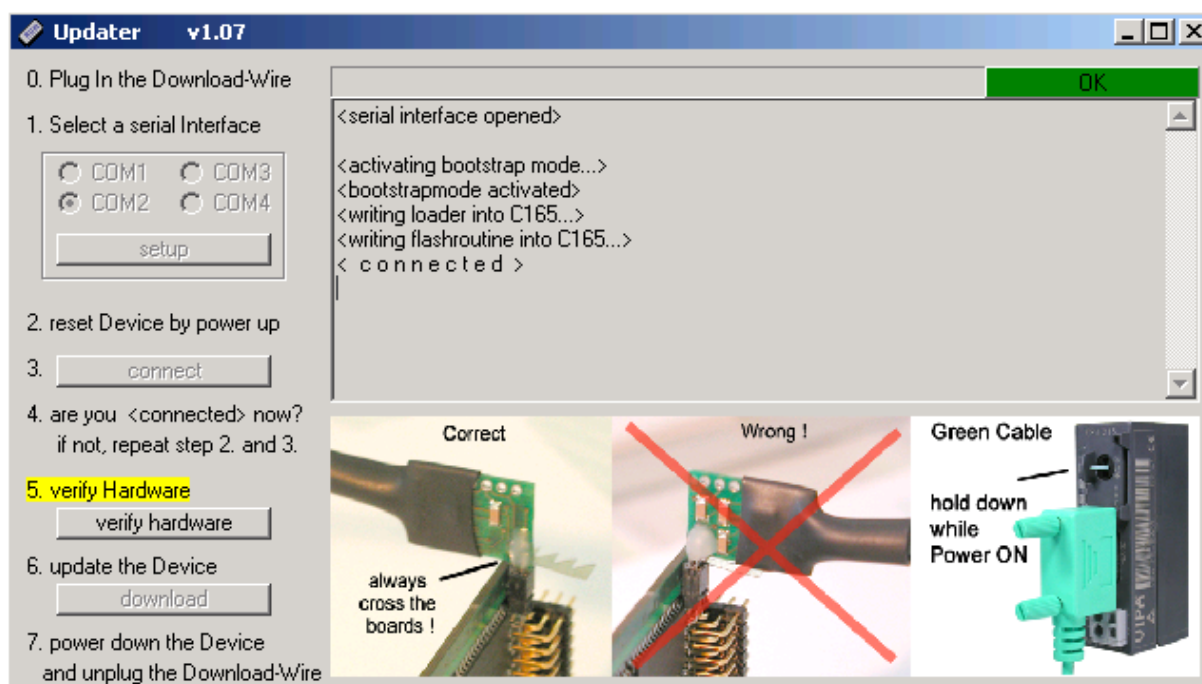
1. You need the updater software.
You may download this file from our ftp server <ftp://ftp.vipa.de>.
2. Unzip the file to any directory on your PC.
3. Now you need the firmware file concerning to your CPU. This is also stored at the ftp server.
For identification you need the correct CPU label and the hardware version. This information is inside the front flap res. in the module state window of the Simatic Manager from Siemens.

e.g. VIPA 214-1BA02 HW: 1 needed firmware file: 214-1BA02_a1.xxx (xxx=FW-Version)

4. Store the firmware file e.g. in a subfolder of the updater directory.

Approach:

1. Power off the CPU.
2. Plug the „Green Cable“ to the MP2I interface and to a free COM-Port of your PC.
3. During turning on the DC 24V supply, hold the Run-Stop switch in position MR res. MRES.
Now the CPU is in bootstrap mode, i.e. firmware update mode. All LEDs of the CPU portion should be on.
4. Start the updater software.
5. Choose the correct COM port (e.g. COM2).
6. Click on the button „connect“. Now the following dialog window appears.
On the right upper side there has to be a green OK, otherwise close the program and start again with step 1.



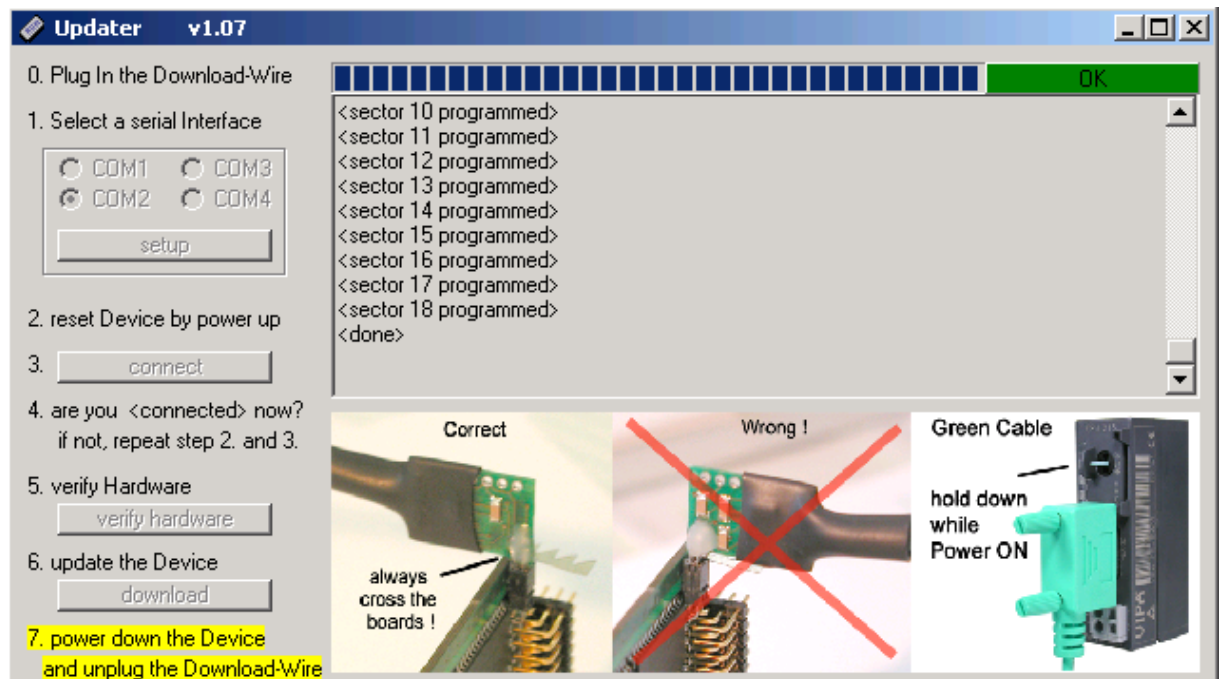
How to do

- Click on „verify hardware“. On top of the window a progress indicator runs through.
- Click on „download“. In the according file dialog, please choose the firmware file for your CPU. After a click on "open", the update process starts.

Attention: Until the end of the update you must not turn off the power supply (app. 5 minutes).

If the error message „the selected file doesn't fit to your hardware“ appears, you tried to download the wrong firmware file, or the CPU internal version information does not fit. Please make sure that you have the correct file or call the VIPA Hotline .

- If everything is correct, first a message runs through then a counter in the upper right corner.
- After the download is finished, the following window appears.



- Turn off the CPU and on again.
- Ready.