

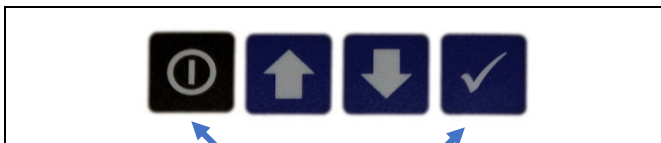
RTS-Firmware-Update

The firmware in the RTS can be updated with the CSUpdate software.

Please note that only devices with an existing firmware version from V2.40 can be updated!

Devices with firmware lower than V2.40 lose their calibration data with an update.
Send us these devices for a software update and [additional calibration](#).

1. Set the RTS in Update-Mode



Switch on the device by pressing and holding the "ON/OFF" button and "OK" button **at the same time**.

The RTS display will inform you that you are in the "BOOTLOADER".

Then wait for the signal tone and the message "WAITING FOR COM.".

The device is now ready to communicate with the CSUpdate software via the outgoing virtual COM port. You have already assigned this port when connecting the device to your computer (identical to the COM port used by the CS Manager software). Please enter the port in the "COM port" field.

2. Start the CSUpdate - Software

Please start the CSUpdate software on your computer now.

3. Select a firmware

Press the "Select File" button and select a new firmware. The files are saved in the directory "C:\ProgramData\Cellizer\CS-Update\Files".

The files start either with "TMC2001RTS_HW15..." or with "TMC-2001RTS_HW16..."

You can recognise the hardware version by the holes for the internal buzzer.

HW16 has these holes, HW15 does not.



Select the file with the latest firmware, e.g. "TMC2001RTS_HW16_V253_RTS_flash.bin". "V253" stands for version "V2.53".

4. Start the update

To start the update, please press the "Flash RTS" button.

The progress of the programming is displayed in a continuous bar.

Do not interrupt the routine until the RTS has been fully updated.

Once the update is complete, please press the "OK" button on the RTS. The RTS will then restart automatically.

5. In case of problems

If problems occur, restart the software and the RTS.

The RTS can always be switched off by pressing and holding the "ON/OFF" button for several seconds.

This means that you always have the option of returning to the programming mode of the device.