

Convert a CE+T to CANOpen

In this guide you will upgrade the CE+T firmware in order to use CANOpen communication.



Communication information

You must know that the USB communication will not work anymore with the CANOpen Firmware.

If this is the first time that you do update a CE+T inverter, you have to install the driver (see below) otherwise you can directly go to the update procedure

1. Download and uncompress the necessary files available here : http://customer.alphatechnologies.eu/compas/third_party/CET/T2S_Canopen_Conversion.zip
2. Installation of drivers
 - In the folder "DriversT2S", Follow the instructions given by the file in the folder for your version of windows.
 - For Windows 7
 - Install HyperTerminal (htpe63.exe)
 - Install VCP_Application (VCP_V1.3.1_Setup_x64.exe)
 - Connect the CE+T on your computer via the usb cable
 - Configure the driver in the device manager (Right click on computer -> "Manage" -> "Device Manager" -> "Other Device" -> "T2SVirtualPortCom")
 - Select "Update driver" -> "Browse my computer for driver software" -> "Let me pick from a list"
 - "Ports (COM and LPT)"
 - Select the "ST Microelectronics > STMicroelectronics Virtual COM Port" driver
 - Dismiss the warnings by accepting the driver
3. Update of CE+T Inverter to CANOpen Mode
 - Go to the FirmwareUpdater folder
 - Unplug the CE+T controller from the rack
 - Plug the USB cable between your computer and the CE+T controller
 - Plug the rack with at least one inverter
 - Now, this is the tricky part :
 - You have to plug-in the controller and launch immediately the file dwnld_T2S.bat. (Within 10 seconds after connecting the controller)
 - You have to retry until it works (don't forget to unplug and replug the CE+T controller inside the rack : the firmware is writeable only during the 10 firsts seconds.)
 - The program need to show "Download was successful"
 - Unplug the usb cable from the controller
 - Unplug and Replug the CE+T controller