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TECHNOTE: 11/2023

Subject:

How to install the Elatec TWN4 MultiTech or MultiTech2

DATE: November, 2023
AUTHOR: TECHNICAL SUPPORT
PRODUCT/AREA: Encoding

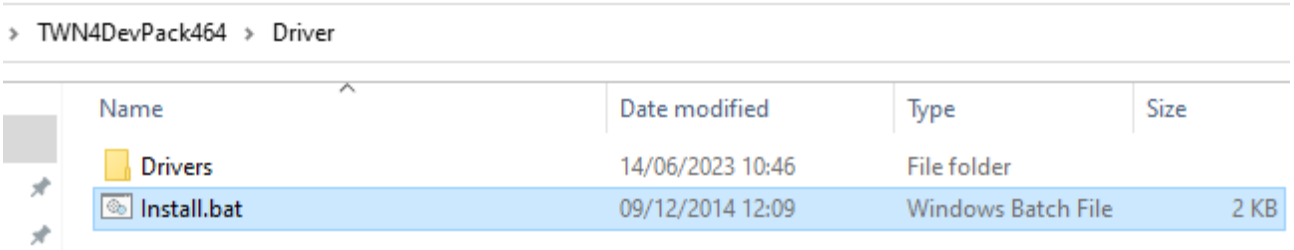
To correctly install and configure the Elatec TWN4 MultiTech/MultiTech2 encoder according with the cardPresso requirements, please follow the instructions below:

Download the latest TWN4 MultiTech driver package (**TWN4DevPack464**) available through the link below.

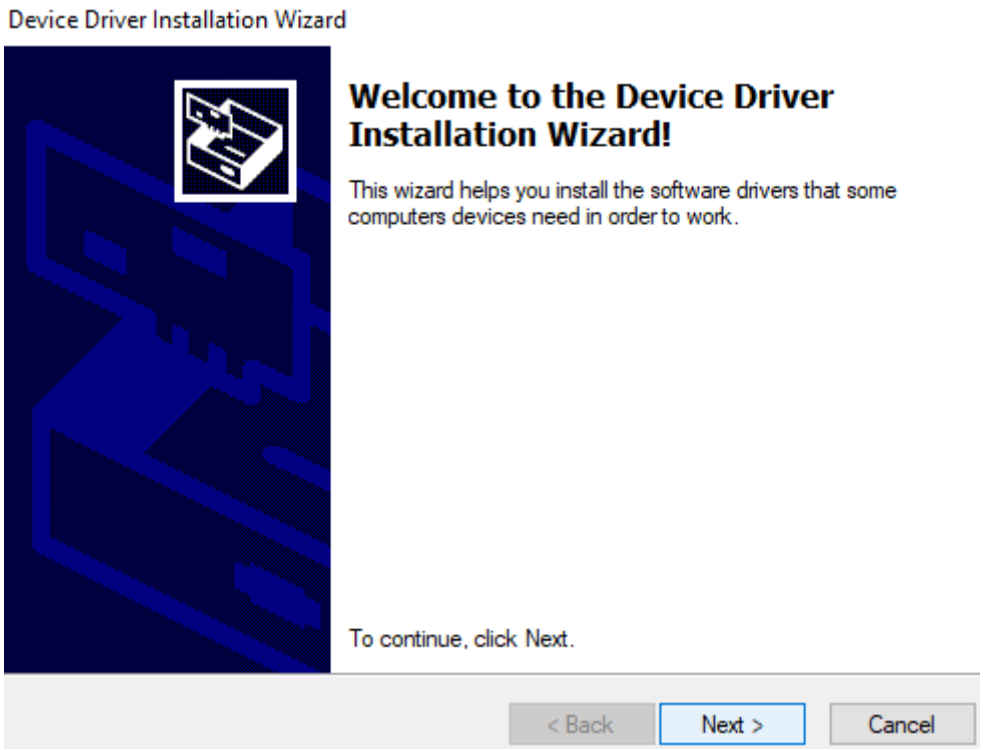
https://www.cardpressodownloads.com/filesforclient/Private/Support/TWN4DevPack464.zip

Extract the downloaded .zip file.

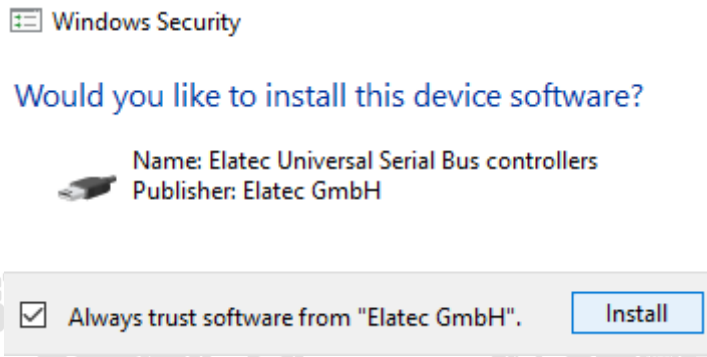
Go to the **TWN4DevPack464\Driver** folder and execute the **Install.bat** file.



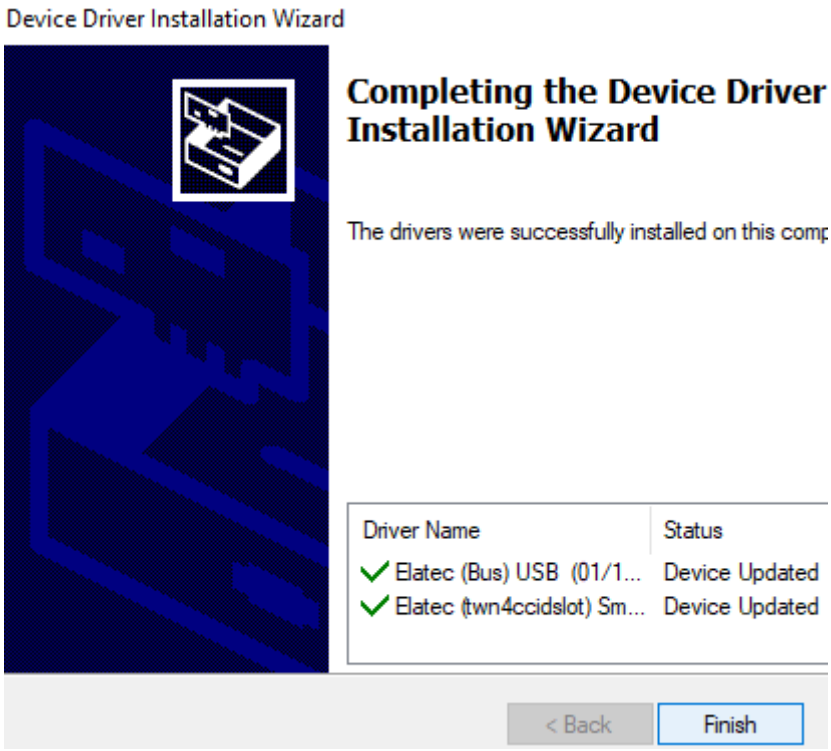
Click on the **Next** button to proceed with the driver installation wizard.



If the following “Windows Security” window is prompted, allow the device to be installed.

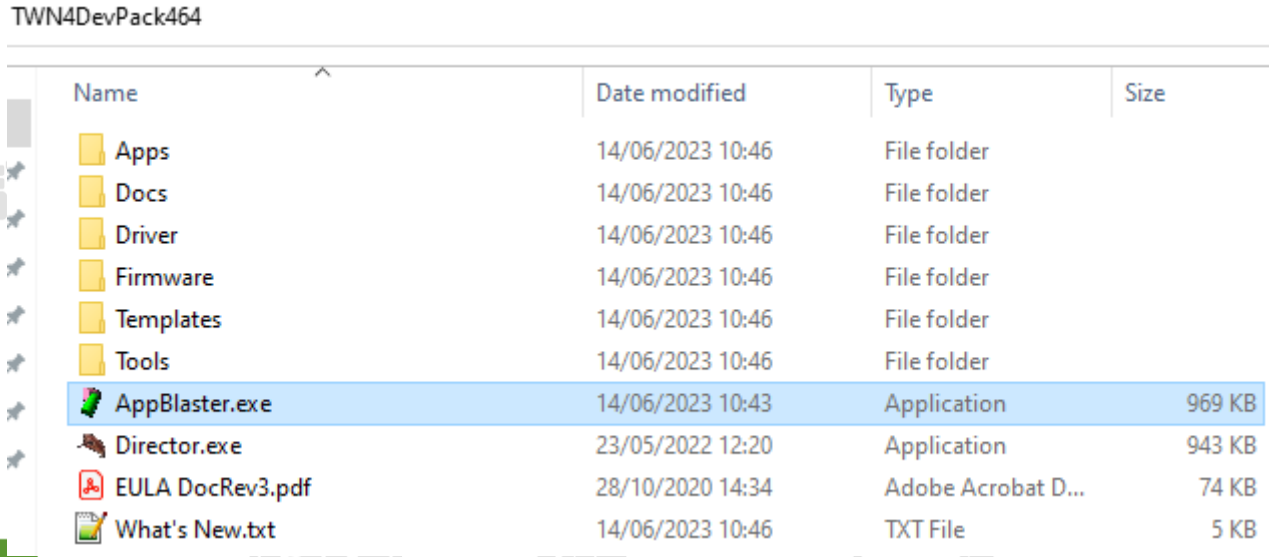


In case the following output is returned, it means that the driver was correctly installed and the installation wizard can be closed by clicking on the **Finish** button.

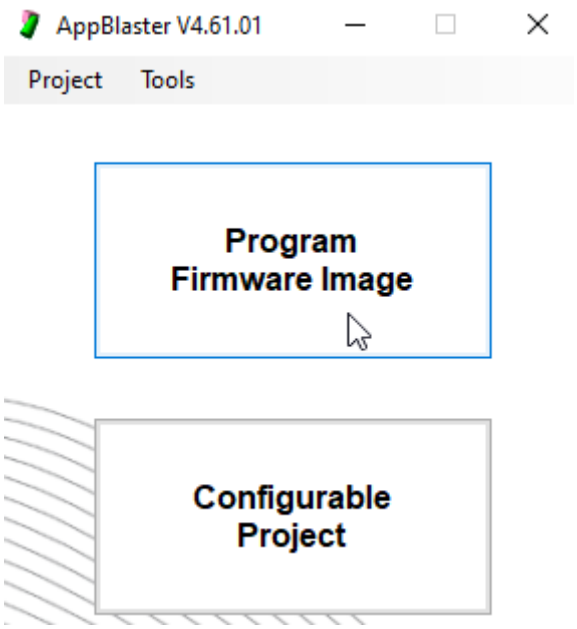


Now that the driver is correctly installed, it's also required to flash the correct Firmware version.

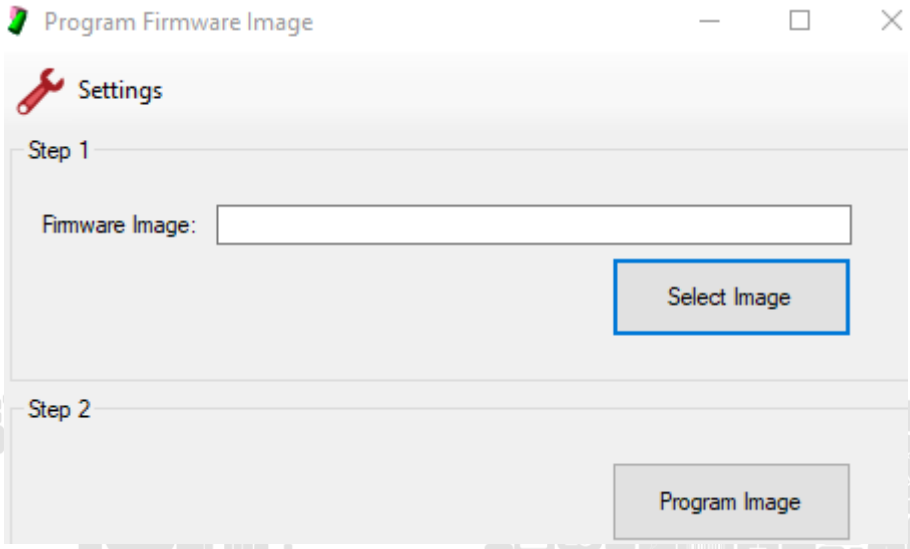
To do it, go to the **TWN4DevPack464** folder and run the **AppBlaster.exe** application.



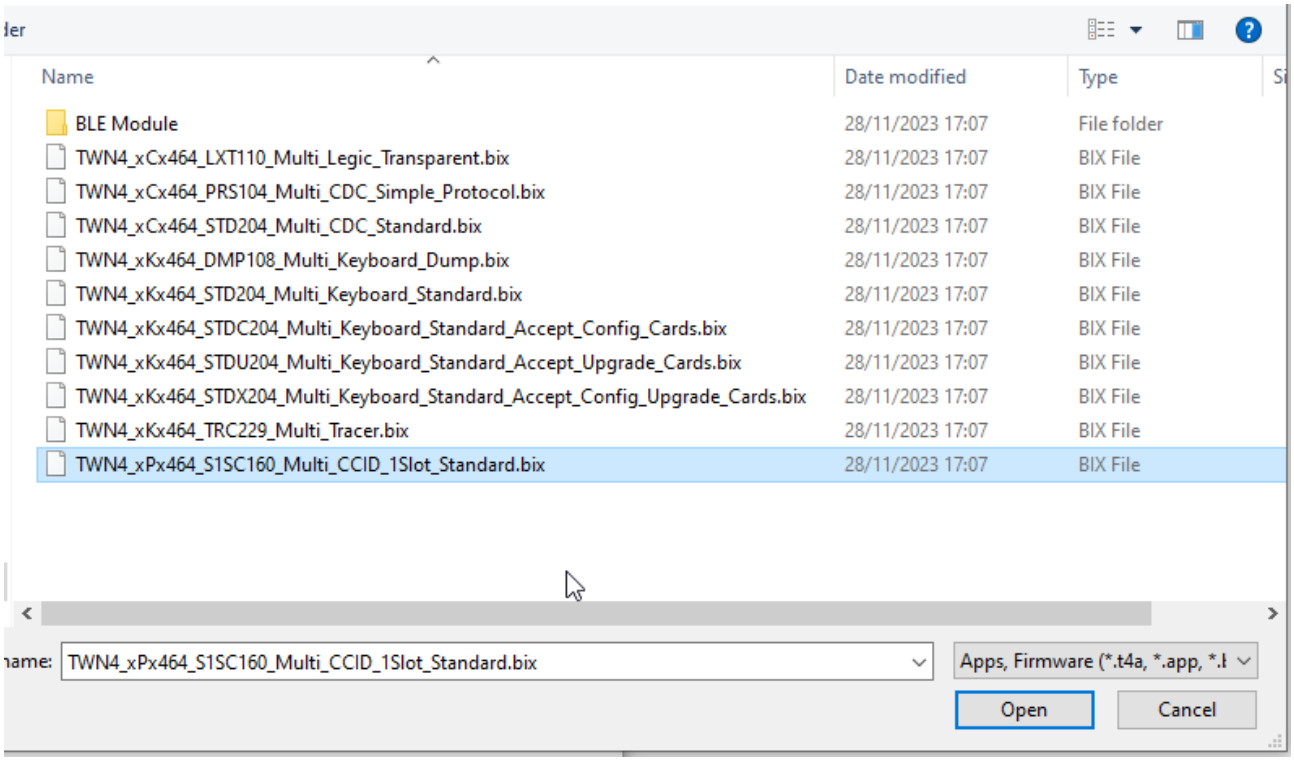
Click on the **Program Firmware Image** button.



Click on the **Select Image** button.

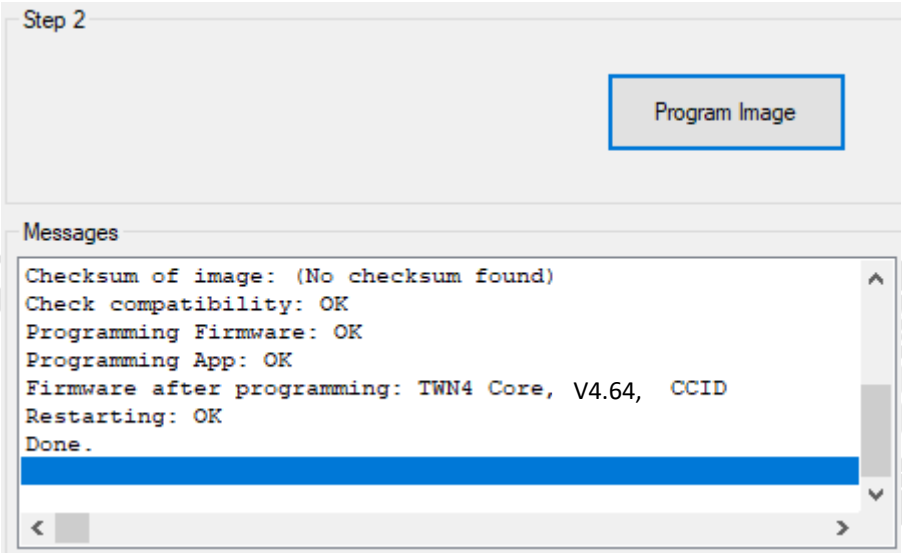


For the MultiTech and MultiTech2 encoder, browse for the **TWN4_xPx464_S1SC160_Multi_CCID_1Slot_Standard.bix** file, located under the **TWN4DevPack464\Firmware** folder.



Note: By selecting a wrong firmware file, it could be incompatible with the connected TWN4 encoder, or it could program it in a wrong way, so we suggest that you double-check it.

Click on the **Program Image** button.



The returned output on the **Messages** section should be similar to the demonstrated above.

After completing the previous steps, the encoder should be displayed as a single **Slot 0** on the Windows Devices and Printers view, PC/SC Diagnostics tool and cardPresso application.

If you need to read the UID of a multi frequency card (LF and HF) in the same cardPresso job, you'll require to flash the **TWN4_xCx464_PRS104_Multi_CDC_Simple_Protocol.bix** firmware instead.

On that case scenario, the encoder will be displayed with the following different name:

We suggest contacting our support team through the email support@cardpresso.com for more information.
Generally, you can encode 13.56MHz and 125kHz cards using **Slot 0**.

Please make sure that you are using the latest cardPresso version, available for download in our website.