

**TECHNOTE: 11/2023**

**Subject:**

How to install the Elatec TWN4  
MultiTech or MultiTech2

**DATE:** November, 2023

**AUTHOR:** TECHNICAL SUPPORT

**PRODUCT/AREA:** Encoding

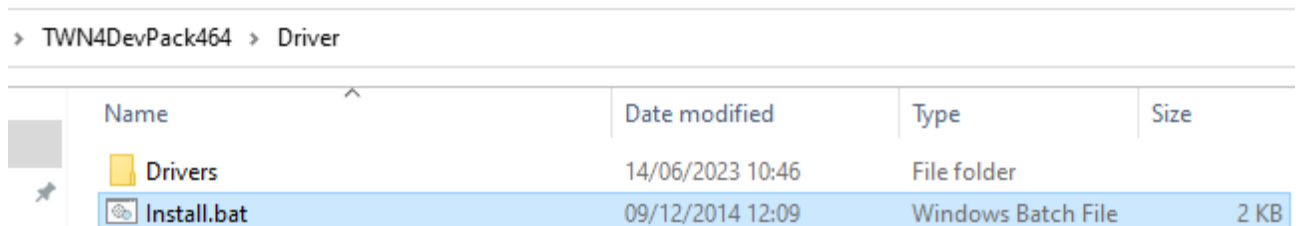
To correctly install and configure the Elatec TWN4 MultiTech/MultiTech2 encoder according with the cardPresso requirements, please follow the instructions below:

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

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

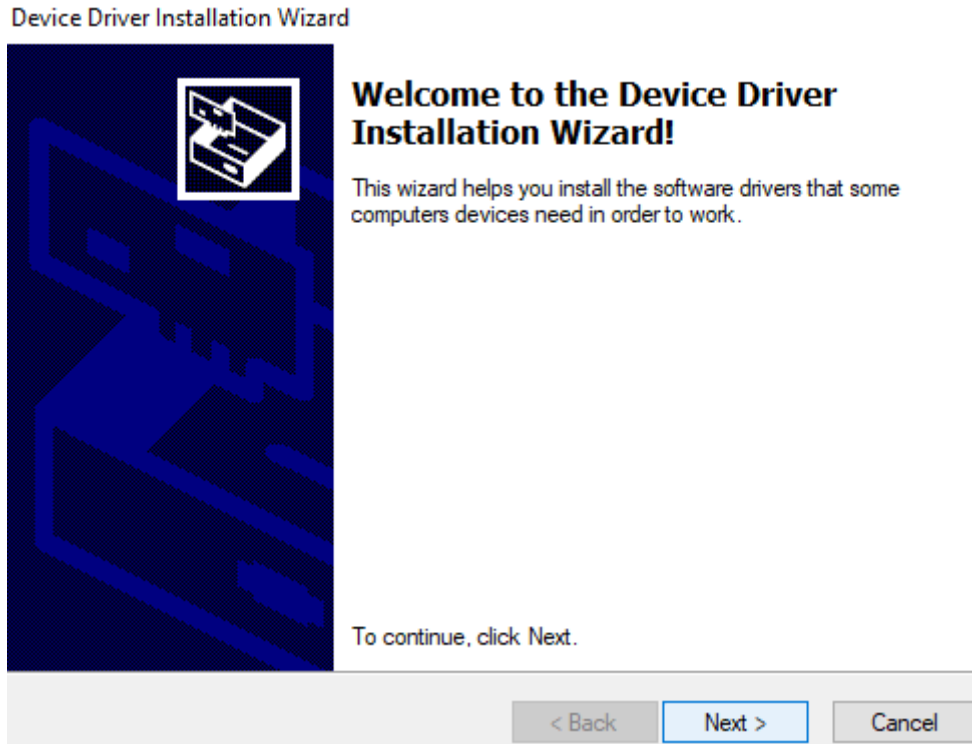
Extract the downloaded .zip file.

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

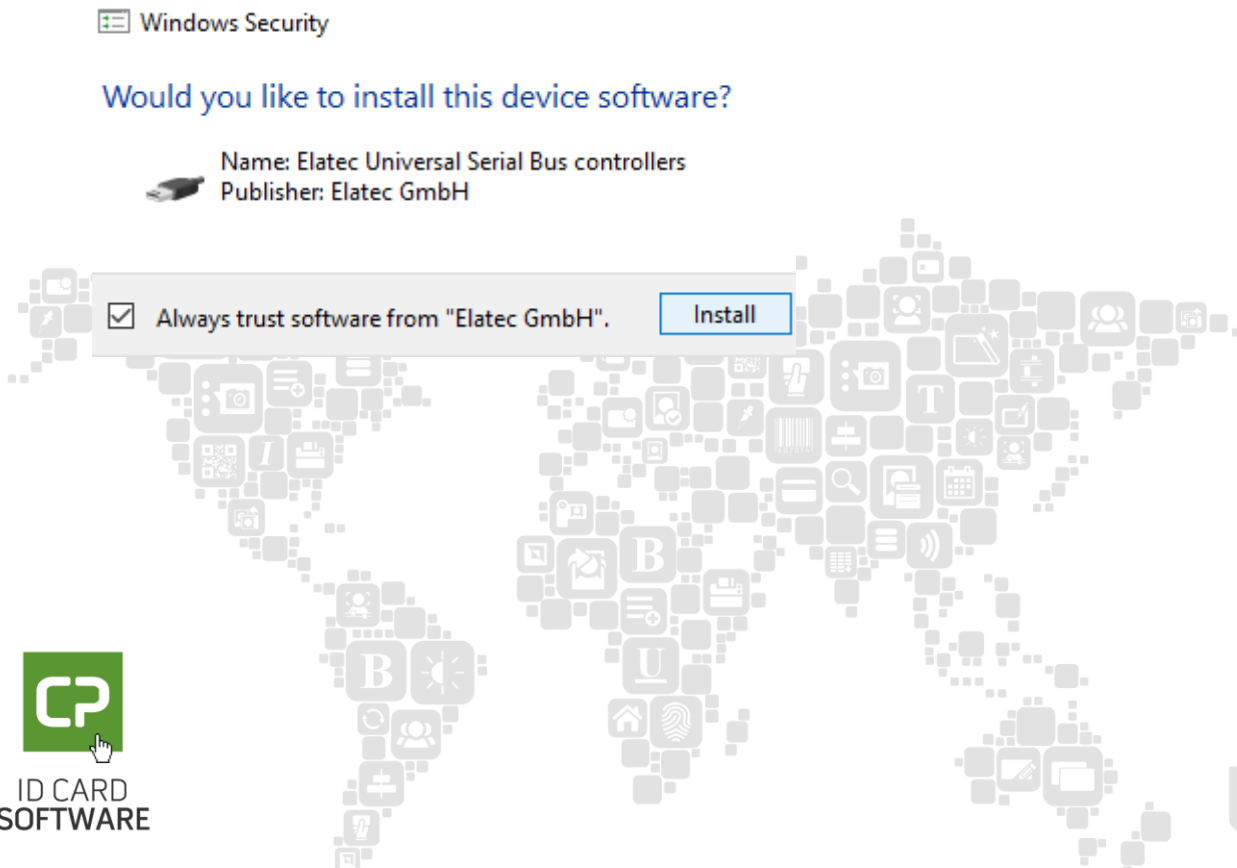


Name	Date modified	Type	Size
Drivers	14/06/2023 10:46	File folder	
Install.bat	09/12/2014 12:09	Windows Batch File	2 KB

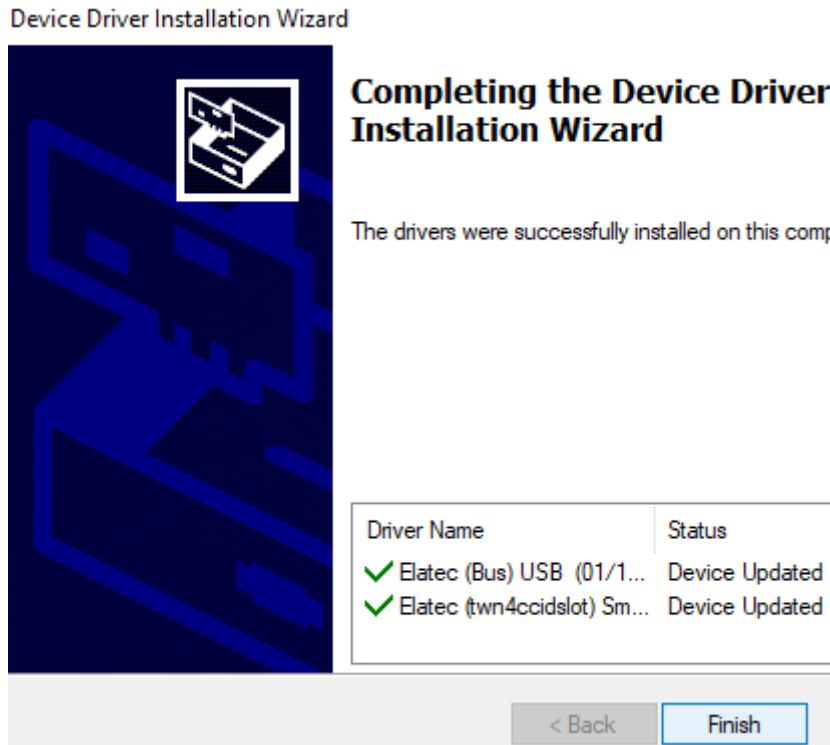
Click on the **Next** button to proceed with the driver installation wizard.



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

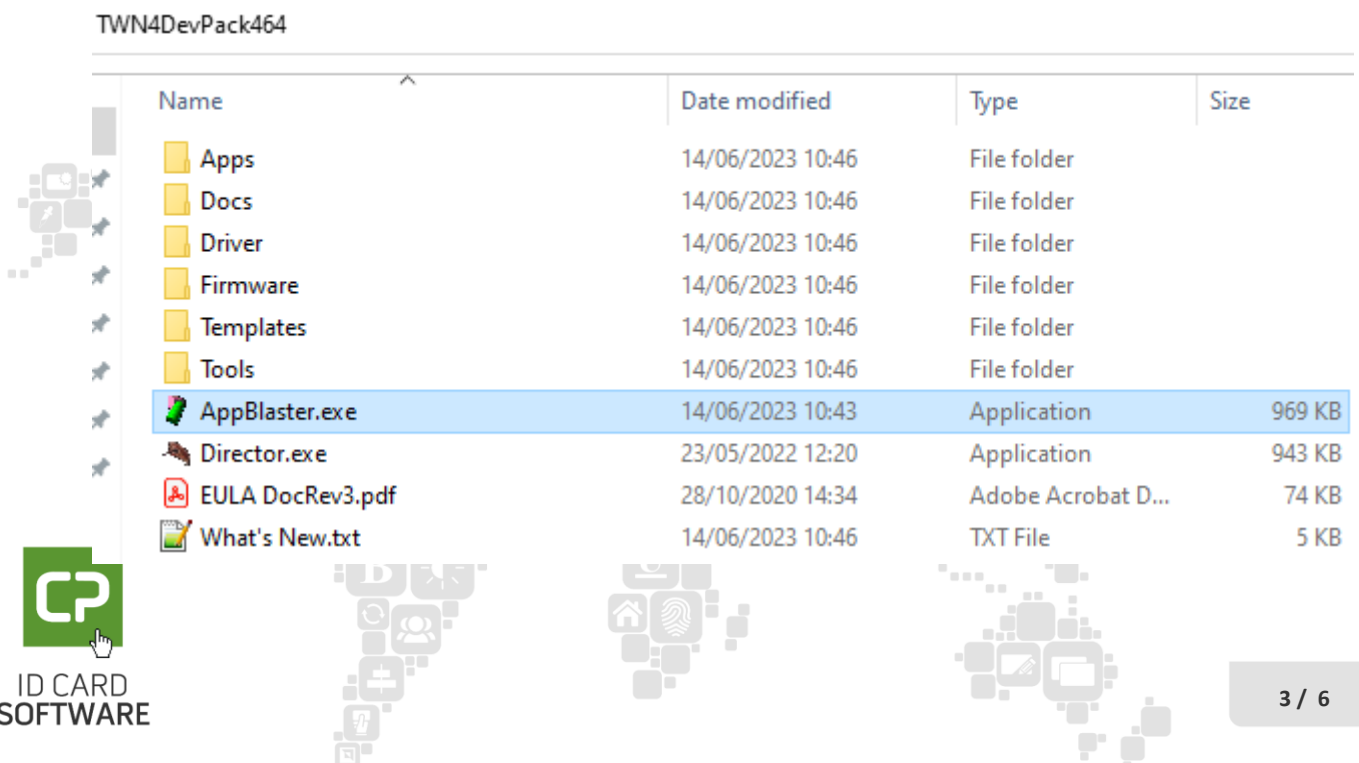


In case the following output is returned, it means that the driver was correctly installed and the installation wizard can be closed by clicking on the **Finish** button.

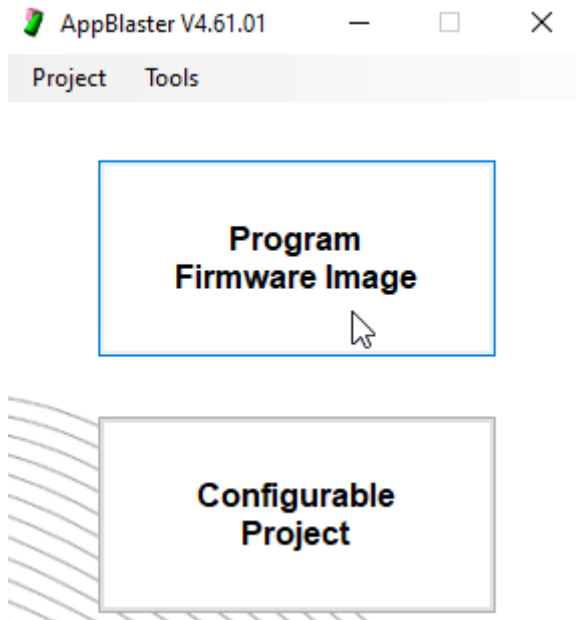


Now that the driver is correctly installed, it's also required to flash the correct Firmware version.

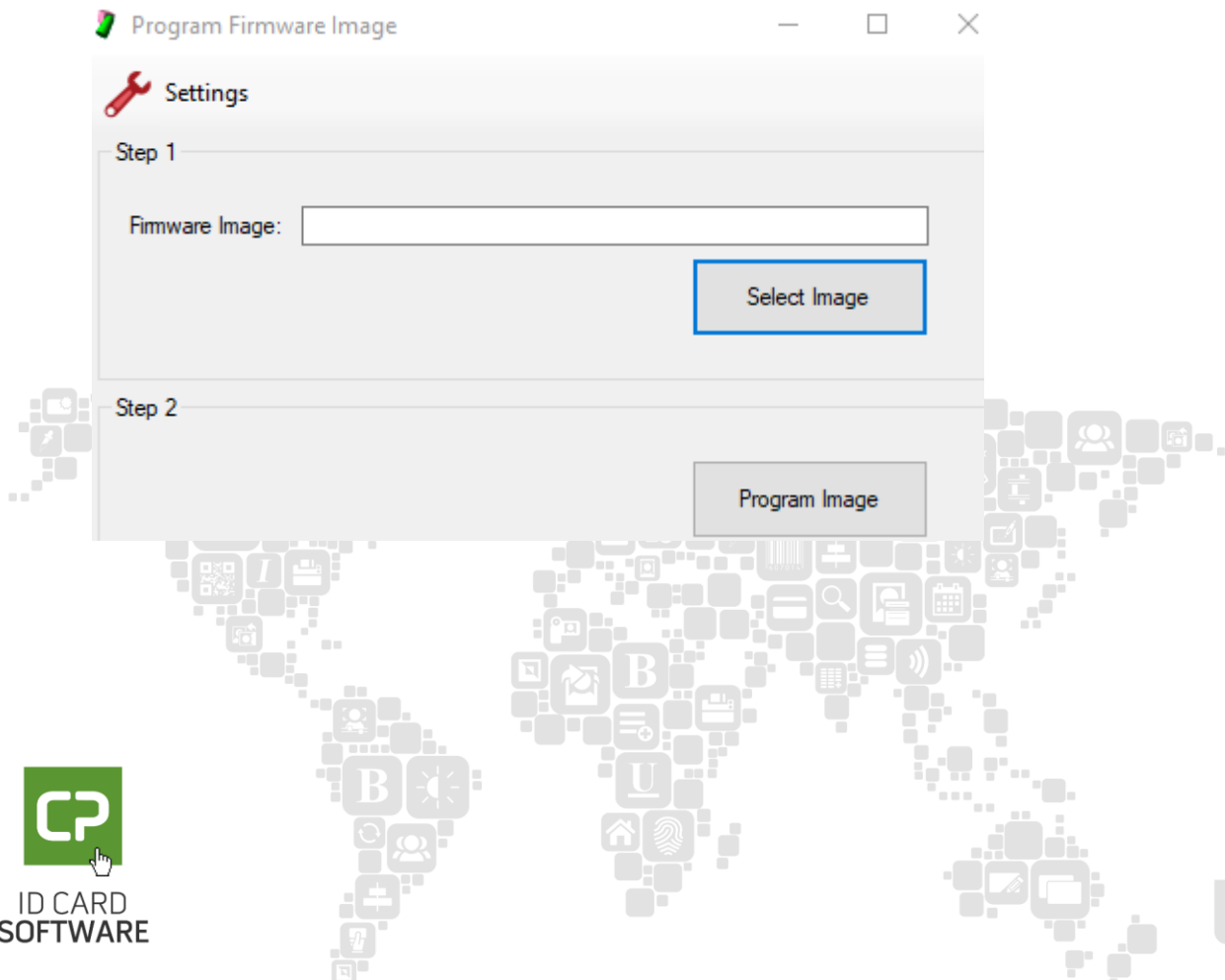
To do it, go to the **TWN4DevPack464** folder and run the **AppBlaster.exe** application.



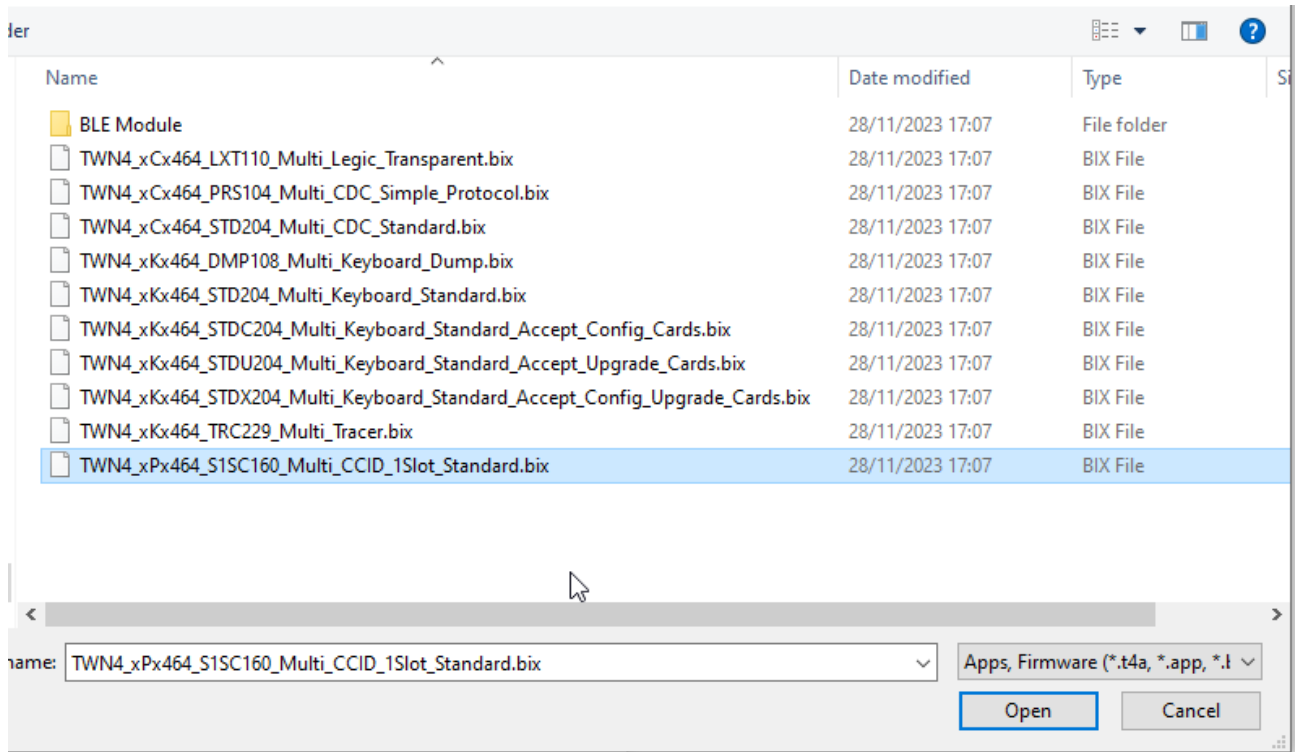
Click on the **Program Firmware Image** button.



Click on the **Select Image** button.

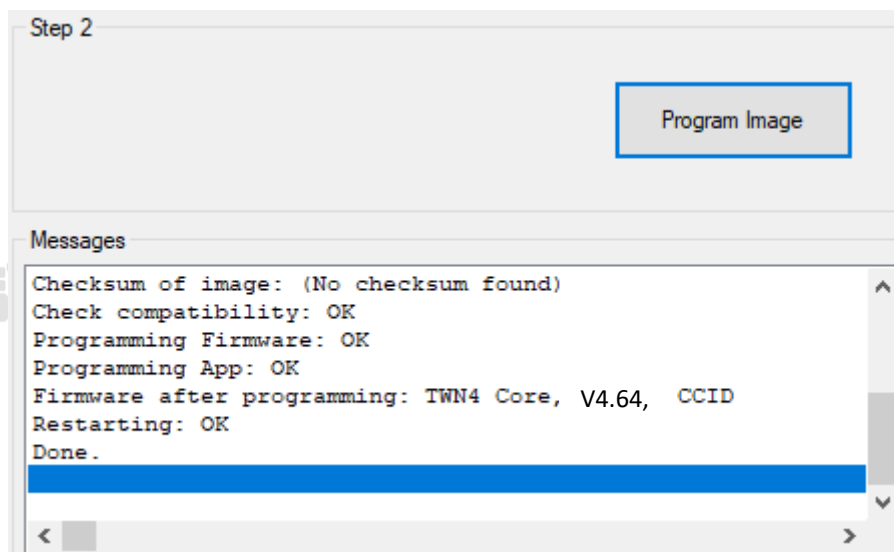


For the MultiTech and MultiTech2 encoder, browse for the **TWN4\_xPx464\_S1SC160\_Multi\_CCID\_1Slot\_Standard.bix** file, located under the **TWN4DevPack464\Firmware** folder.



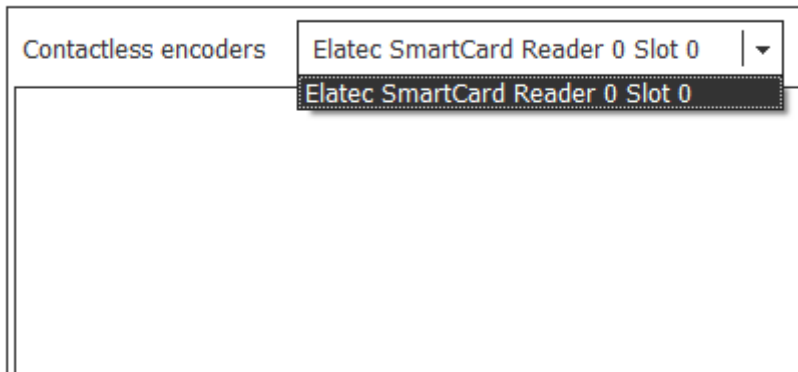
**Note:** By selecting a wrong firmware file, it could be incompatible with the connected TWN4 encoder, or it could program it in a wrong way, so we suggest that you double-check it.

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.



We suggest contacting our support team through the email [support@cardpresso.com](mailto: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](#).

