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The logo for Cybrotech, featuring the word "cybrotech" in a lowercase, sans-serif font. The "y" is green, and the "o" is a green circle with a white dot inside, resembling an eye or a stylized 'o'. The rest of the letters are black.

# 1 Introduction

The following instructions explain how to change NAD (network address) of an IEX-2 module. It may be used to replace broken module with a new one, without making modifications to the existing PLC program.

NAD change is performed by sending CAN command "WRITE\_CODE" to the module. New NAD is stored in the internal flash memory, so the change becomes permanent. Replacement module operates the same as the original one. If needed, procedure may be applied to the same module repeatedly. "WRITE\_CODE" is supported by each produced IEX-2 module. During the procedure, entire network (except the addressed module) is fully functional. No other IEX-2 module is affected.

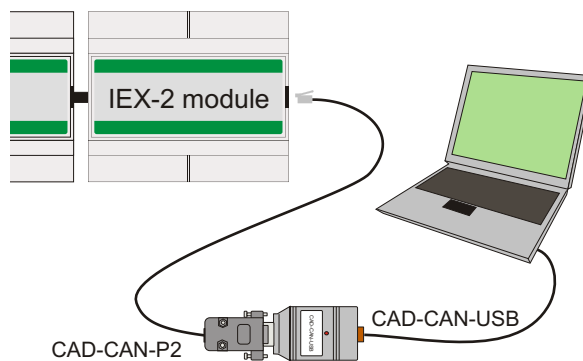
To keep the warranty, original serial number sticker should remain attached. We recommend to add a new sticker, with the new NAD.

The instructions here refer only to IEX-2 modules. To change network address of CyBro PLC, use CyPro environment, command "Kernel Maintenance".

## 2 Equipment and connection

To send "WRITE\_CODE" command, PC with CAN interface card is needed. Contact sales department to order PCAN interface.

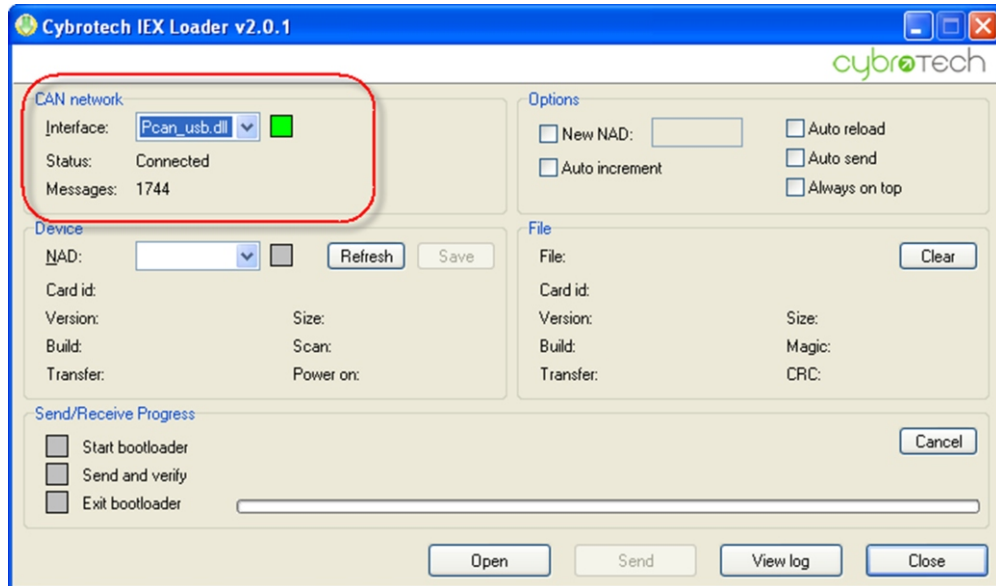
PCAN interface is connected to USB port of a PC; CAD-CAN-P2 cable is required to connect to IEX network or to individual module.



IEX Loader application is also required and is available for download on Cybrotech homepage. Application is an executable file that does not require installation. Save the archived file to local hard drive and unarchive.

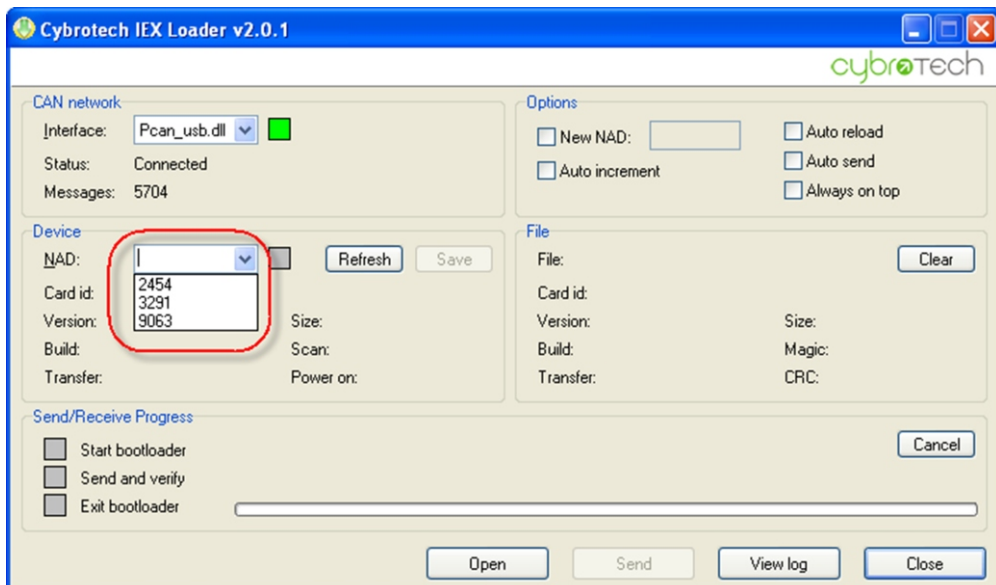
### 3 Changing address

1. Run IEX Loader by double clicking on the executable file.



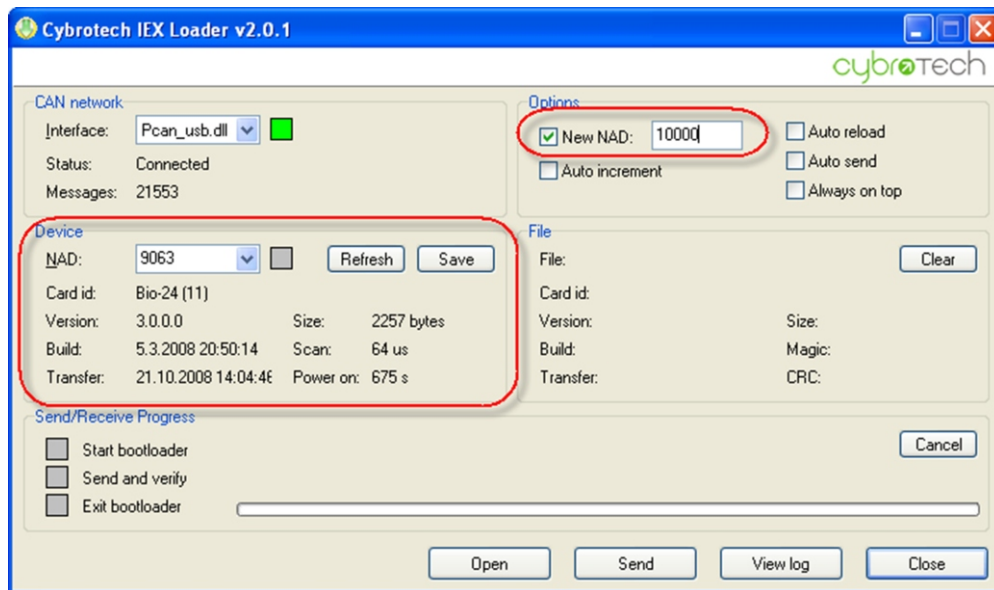
If connection is OK than interface will be detected, network status will be Connected and Messages counter will increase in value.

2. Under Device NAD select the module whose address must be changed.

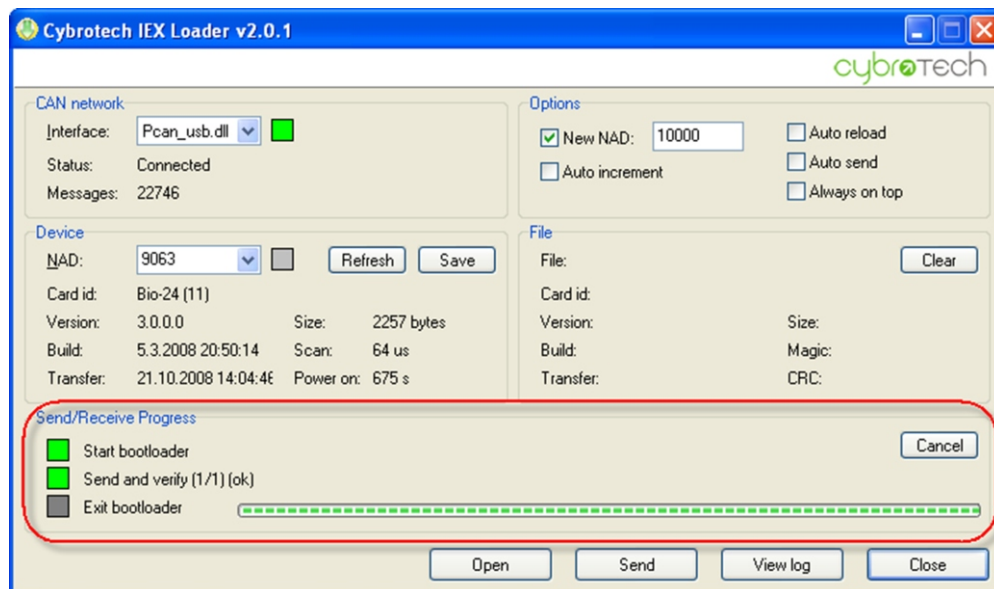


3. After selecting the current address of the target module, more information will be displayed. Please confirm that the selected device is the correct one before proceeding!

Under **Options** check the **New NAD** box and then type in the new NAD address.



4. After inputting the new NAD address click on the **Send** button to send the command to the module.



5. Upon successful transmission of command, module's NAD will be changed and IEX Loader program can be **Closed**.