Frequently Asked Questions

Title: Windows - How to access the modules on the Excalibur board
Date: September 2022
Card/Board/Module: All
Operating System: Windows

Question:

How can I access the modules on the Excalibur board (under Windows) ?

Answer:

(a) assign a device number to the board
(b) call function Init_Module_XXX to get a handle to the specific module on the board

In order to access the modules on the Excalibur board (to call API functions on the module), you must first call function Init_Module_XXX (where XXX is replaced by a few letters that represent the protocol being used). The function Init_Module_XXX takes two parameters: device number (a number associated with the base board), module number (the position of the module on the board, 0,1,2,3, etc.).

- NOTE: The association of a device number is with the board, not with the modules.

Under Windows, the device number is assigned using the **ExcConfig** utility. This applies to all boards, PCI[e] based, or UNET family. Run ExcConfig to associate a device number (0–15) with a board type and the board's Unique ID.

Double-click on some row in the grid - corresponding to the device number (0-15) listed in the leftmost column.

On the inner screen, click on the desired board type from the list on the left.

For **PCI[e]** boards, select a Unique ID which corresponds to the dip switch (SW1) setting of the board.

- NOTE: If you have **only one PCI[e]** board in your computer, you may use **default device number 25**, without listing the board in ExcConfig.

For **UNET** family boards, select the Connection Type by clicking on the radio button that corresponds to either USB connection or Ethernet connection.