

## ***Frequently Asked Questions***

**Title:** Revised Software Packaging

**Date:** March 2020

**Card/Board/Module:** Most current cards

**Operating System:** All

### **Question:**

- (a) I do not find the software for my old Excalibur card on the website.
- (b) I am looking for software drivers specifically for 64bit Windows.
- (c) What is the structure of the installed software package ?

### **Answer:**

#### 1. Concerning software tools packages:

We combined software for similar cards into a single software package. For instance, "1553Px Software Tools" now covers M4K1553Px[S] module, M8K1553Px[S] module, UNET/Px, 1553Px module on UNET2; and older cards EXC-1553PCMCIA/Px and /EP. [ Similarly for 429RTx modules & cards. ]

In addition, we made a single combined package for 32bit and 64bit compiled drivers (DLLs, demo programs). The package comes with a single set of source code files for the DLLs, a single set of source code demo programs, 32bit compiled DLLs and demo programs, and native 64bit compiled DLLs and demo programs. We supply VS2008 project solutions and project files for the different components of the package.

At the end of the software tools installation, we also install the associated GUI package for this protocol. Note that the GUI packages now come packaged with all the necessary DLLs. So, it is not necessary to install software tools prior to running the GUI packages.

## 2. Concerning LabVIEW and LabWindows tools packages:

We have combined support for multiple cards using one set of tools: **LabVIEW VIs** and **LabWindows CVIs** for various (not yet for all) cards running the same protocol (just like the combined software tools).

Note that the newer LabVIEW and LabWindows packages come packaged with all the necessary DLLs. So, it is not necessary to install software tools prior to running the VI or CVI packages.

3. All Excalibur software is now installed to a folder structure starting at **C:\Excalibur**. Locate the folder for your protocol; the protocol name is generally part of the folder name. Subfolders include Manuals & Source. Source includes subfolders **DLLsource** (.c), **include** (.h), **lib** (.DLLs and .LIBs), **demos\_XXX** (which includes folders for each **demo** program, and folder **bin** for 32bit compiled EXEs, folder **bin64** for 64bit compiled EXEs).

Utilities programs (e.g., ExcConfig), Showhex, ExcLaunchPad) are installed to folders at C:\Excalibur\Utilities. There are also additional folders here for UNET utilities and USB drivers.

4. Please see file ReadMeFirst\_XXX.txt in your root folder for more information on the folder structure.