

# Quick Start Guide

## Installation Overview

1. When installing more than one Excalibur board in the same computer, set the DIP switch or jumpers on the board to assign a Unique ID to the board. The Unique ID is used to access the board. For more details, see **Hardware Installation** in **Installation Instructions.pdf**.

**Note:** VME/VXI boards always require setting the DIP switch.  
ExpressCards and PCMCIA cards do not have jumpers or a DIP switch.

2. Install the board in your computer. For more details, see **Hardware Installation** in **Installation Instructions.pdf**.

**Note:** For PCI Express (PCIe) boards, make sure to connect a standard PC power cable from the computer's power supply to the J3 connector of the board.

3. Install the kernel driver by opening the Windows Device Manager and updating the board's driver. When updating the driver, select the root folder of the *Excalibur Installation CD*. For more details, see **Hardware Installation** in **Installation Instructions.pdf**.

4. Insert the Excalibur Installation CD in your computer, then double-click **setup.exe** to run the Excalibur InstallShield Wizard. For more details, see **Software Installation** in **Installation Instructions.pdf**.

The Excalibur InstallShield Wizard installs/runs the following, one after the other:

- Installs *Excalibur Software Tools*
- Installs utilities related to the modules on your board
- Runs ExcConfig – Use ExcConfig to assign a device number to the board. A device number is required by *Excalibur Software Tools* in order to access the board.

**Note:**

- When using only one board in the computer, most boards have a default device number that you can use instead of assigning one with ExcConfig. For more information about default device numbers, see **Assigning a Device Number** in *EXC-4000 Family Carrier Boards Software Tools Programmer's Reference*.
- Running ExcConfig is not relevant to VME/VXI boards.

5. Run a test program. After software installation, the demo programs are located in:

**C:\Excalibur\<ProductName> Software Tools\Source\demos\_xx\bin** or  
**C:\Excalibur\<ProductName> Software Tools\Source\demos\_xx\bin64**

For more details, see **Running a Test Program** in **Installation Instructions.pdf**.

# Complete Installation Instructions

For complete installation instructions, see **Installation Instructions.pdf**. This file can be found on the root of the installation CD and on our website at: <https://www.mil-1553.com/help-desk>.

