## Windows 10 USB Device Driver Installation Notes

Windows 10 resists loading unregistered device drivers. This procedure will allow the CNS Clock II USB device driver to be successfully loaded on a Windows 10 computer.

Find the USB device driver library on the distribution CD-ROM or download the latest driver library from https://www.cnssys.com/Tac32Plus/Tac32Plus.php. Put the driver library in a convenient directory such as **C**:\temp and then extract the files to a subdirectory such as C:\temp\CNS\_Clock\_II\_USB\_Drivers. If not already there, use any text editor to copy the following text into a new file in the same directory. Name the file “install\_CNS-USB.bat”.

**CNS-USB.bat**

REM Begin Batch File

@ECHO off

REM ----------------------------------------------------------------------

REM --

REM -- Windows 64 Bit Installation for CNS Clock II USB drivers

REM --

REM ----------------------------------------------------------------------

net session > NUL 2>&1

IF %ERRORLEVEL% EQU 0 (

goto ADMIN\_OK

) ELSE (

ECHO Must run as an Administrator...... Exiting.

pause

goto END\_BAT

)

:ADMIN\_OK

REM When right clicking file "Run as Administrator", Path changes to c:\Windows\System32\

REM Change to Drive and directory where batch file resides

set runDrive=%~d0

set runPath=%~p0

%runDrive%

CD %runPath%

IF /I "%PROCESSOR\_ARCHITECTURE%" EQU "AMD64" (

goto Install\_64Bit

) ELSE IF /I "%PROCESSOR\_ARCHITECTURE%" EQU "IA64" (

goto Install\_64Bit

) ELSE IF /I "%PROCESSOR\_ARCHITEW6432%" EQU "AMD64" (

goto Install\_64Bit

) ELSE IF /I "%PROCESSOR\_ARCHITEW6432%" EQU "IA64" (

goto Install\_64Bit

) ELSE IF /I "%PROCESSOR\_ARCHITECTURE%" EQU "X86" (

goto Install\_32Bit

) ELSE (

goto Install\_Failed

)

:Install\_64Bit

ECHO Installing ftdibus.inf

pnputil -i -a ftdiport.inf

pause

ECHO Installing ftdiport.inf

pnputil -i -a ftdibus.inf

pause

goto finished

:Install\_32Bit

echo Windows 32 bit applications not supported by this installation method.

pause

goto finished

:Install\_Failed

echo Failed: Unknown Processor (%PROCESSOR\_ARCHITECTURE%) - No action Taken!

pause

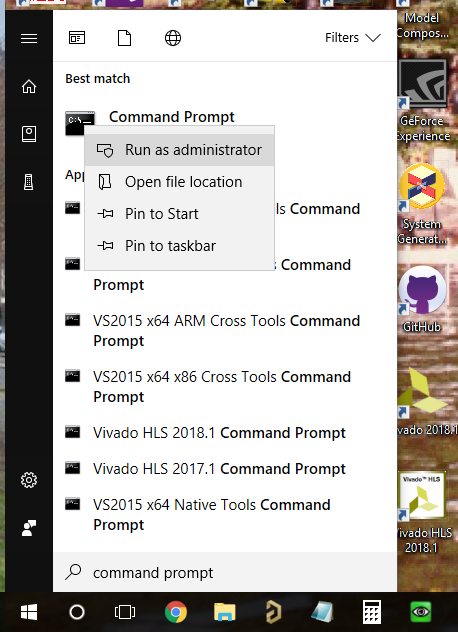
:finished

REM End Batch File

The computer will need to be rebooted selecting a special mode that will allow unsigned drivers to be installed.

1. In the “Ask me anything” box on the Taskbar (lower left corner), enter: Recovery
2. Click “Recovery Options”
3. Under Advanced Startup, Click “Restart Now”
4. Computer will bring up a Blue Screen with 3 or 4 options:
   * Continue
   * Use another operating system
   * Troubleshoot
   * Turn off your PC
5. Click “Troubleshoot”
6. Click “Advanced Options”
7. Click “Startup Settings”
8. Click “Restart”
9. The computer will reboot bringing up a menu to allow different boot options.
10. Press 7, to choose Disable driver signing enforcement

After the computer reboots, open a command prompt window by right clicking and click “Run as Administrator”. Note: Running the batch file from File Explorer does not work.



In the command prompt window, change to the drive and directory to the location where the install batch file and drivers are located. For example, type:

cd C:\temp\CNS\_Clock\_II\_USB\_Driver\_-2.12.28  
install\_CNS-USB.bat

To make it clear, below is a typical command line session.

