

FW Murphy Centurion<sup>™</sup> and Centurion Plus<sup>™</sup> USB Device Driver Installation Document February 1, 2016

## 1.0 Explanation

- 1.1 This document will show you how to install the USB Drivers for Centurion<sup>™</sup> and Centurion Plus<sup>™</sup> devices equipped with a USB port on the Windows 10 operating system.
- 1.2 The USB port on the controllers is controlled by a Silicon Labs CP2101 chipset, and drivers must be installed on the PC to map this port to a COM port number on the PC.
- 1.3 The installation of the driver is a 2-step process.
  - 1.3.1 Download the Driver as zip file from the website and extract (unzip) the files on your PC.
  - 1.3.2 Launch the driver installer (either 32 bit or 64 bit) depending on your PC's operating system.
- 1.4 The steps in section 2.0 will cover both sections of this process.
- 1.5 Section 3.0 will discuss how to determine your COM port assignment.

## 2.0 USB Driver Installer Installation (THIS STEP MUST BE DONE PRIOR TO CONNECTION TO THE DEVICE)

- 2.1 Driver installation requires that you have administrator privileges on your PC to install the driver. If you are not sure if you have these privileges, contact your network or IT administrator.
- 2.2 Obtain the latest USB driver from our website by opening this page. http://www.fwmurphy.com/resources-support/software-download
  - 2.2.1 Click on the link on the page shown in RED below.

PC drivers for Centurion<sup>™</sup> and Centurion PLUS<sup>™</sup> controllers:

USB Drivers for Windows XP/Server 2003/Vista/7/8/8.1 (Zipped Exectuable File for Silicon Labs CP210x USB to Serial Bridge v6.7 driver; 3.66MB; Updated 12/2014 to include digitally signed Windows 8 and 8.1 driver) Note: This driver is required for the Centurion™ product family.

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2.3 After downloading, your PC will show a pop-up like below. Select OPEN.

CP210x_VCP_Windows.zip finished downloading.	Open	Open folder	View downloads	×
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2.4 Then double-click on the Extract shown below to unzip the file.



2.6 Return to the PC's desktop (press WINDOWS+D key on your keyboard to do this quickly) and open the CP210x\_VCP Folder shown at right.



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2.5



2.7 If you have a 64-bit operating system, double-click the CP210xVCPInstaller\_x64.exe. If you have a 32-bit operating system, double-click the CP210xVCPInstaller\_x86.exe. This will start the driver installation on the PC.

→ ~ ↑	> CP2	210x_VCP_Windows >			
📌 Quick access		Name	Date modified	Туре	Size
🖶 Downloads	*	<mark>00</mark> x64	1/28/2016 10:49 AM	File folder	
Desktop	*	x86	1/28/2016 10:49 AM	File folder	
		🖏 CP210xVCPInstaller_x64.exe	1/28/2016 10:49 AM	Application	1,026 K
		🖏 CP210xVCPInstaller_x86.exe 🚤	1/28/2016 10:49 AM	Application	901 K
Pictures	*	dpinst.xml	1/28/2016 10:49 AM	XML Document	12 K
		ReleaseNotes.txt	1789/2016 10:49 AM	Text Document	11 K
		SLAB_License_Agreement_VCP_Windows	1/28/2016 10:49 AM	Text Document	9 K
		slabvcp.cat	1/28/2016 10:49 AM	Security Catalog	12 K
Shared		🔄 slabvcp.inf	1/28/2016 10:49 AM	Setup Information	5 K

2.8 A new window appears to install the driver into the Windows operating system. Click on the Next button.

Welcome to the CP210x USB to UART Bridge Driver Installer This with will help you initial the driven for your CP210x USB to UART Bridge device

Tare

2.9 Read the license agreement, then select I accept the terms of the license agreement and click on the Next button.

P210x USB to 1	UART Bridge Driver Installer	T Enck Next 3
License Ag	reement	3
×	To continue, accept the following license agreement. To read the entire agreement, use the scroll bar or press the Page Down key.	
	UCENSE AGREEMENT SILICON LABS VCP DRIVER IMPORTANT: READ CAREFULLY BEFORE AGREEING TO TERMS	
	THIS PRODUCT CONTAINS THE SILIDON LABS VCP DRIVER AND INSTALLER PROGRAMS AND OTHER THIRD PARTY SOFTWARE TOGETHER THESE PRODUCTS ARE REFERRED TO AS THE "LICENSED SOFTWARE". USE OF THE LICENSED SOFTWARE IS SUBJECT TO THE TERMS OF THIS LICENSE	
1	Of accept this agreement Save As Print	

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Cancel



2.10 The installer will start, and after copying necessary files, will complete the process. Click Finish.

CP210x USB to UART Bridge Driver Installer					
	Completing the Installation of the CP210x USB to UART Bridge Driver				
	The drivers were successfully in	stalled on this computer.			
	You can now connect your devi came with instructions, please re	ice to this computer. If your device aad them first.			
	Driver Name V Silicon Laboratories (sila	Status Ready to use			
	< Back	Finish Cancel			



## 3.0 COM Port number assignment

- 3.1 Start with your computer turned ON and completely booted up.
- 3.2 A standard Type A to Type B USB cable is required to make the connection.
- 3.3 Pick up the USB cable and plug the USB connector (the small rectangular one) in any of the USB ports on your computer.
- Connect the other end to the Murphy Centurion<sup>™</sup> or Centurion Plus<sup>™</sup> controller. 3.4
- 3.5 The driver will automatically be loaded the first time the USB port is connected to the controller.
- 3.6 Everything is now installed.
- 3.7 To double-check the port number, use the Control Panel and Device Manager to see the assigned COM port number. A normal installation lists the device as a Silicon Labs CP210x USB to UART Bridge (COMX). It looks like this:

📇 Device Manager	-	$\times$
File Action View Help		
V 🗄 PSMLAB-PC		
> 🖬 Audio inputs and outputs		
> 🗃 Batteries		
> 💻 Computer		
> 👝 Disk drives		
> 🔙 Display adapters		
> 🔐 DVD/CD-ROM drives		
> 🛺 Human Interface Devices		
> 🦏 IDE ATA/ATAPI controllers		
> 🝙 Imaging devices		
> 🔤 Keyboards		
> 🕼 Mice and other pointing devices		
> 🧾 Monitors		
> 🖵 Network adapters		
V 🛱 Ports (COM & LPT)		
Silicon Labs CP210x USB to UART Bridge (COM3)		
> 🚍 Print queues		
> 🔲 Processors		
> 🧱 SD host adapters		
> Software devices		
> 👖 Sound, video and game controllers		
> 🍇 Storage controllers		
> 🏣 System devices		
> 🏺 Universal Serial Bus controllers		

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